PERIODIC REVIEW REPORT
APRIL 2021 – MARCH 2026

MORRIS PARK AND RICHMOND HILL YARDS
RICHMOND HILL, NEW YORK 11418

NYSDEC Site No. 241130
USEPA ID NO. NYD980641625
Contract No. 6340A-09-27-A – Release No. 6



Prepared for:

Long Island Rail Road

MTA Long Island Railroad
JCC Building
144-41 94 Avenue, 3rd Floor, MC 0335
Jamaica, NY 11435

Prepared by:

TRC Engineers, Inc.
1430 Broadway, 10th Floor
New York, New York 10018

MARCH 2026

TRC Project No. 639300

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Executive Summary

Category	**Summary/Results**	
Engineering Control (EC)	• Cover System	
Institutional Control (IC)	• Groundwater-Use Restriction • Land-Use Restriction • Environmental Easement • EC/IC Certification	• Statement of Basis (SB) (2015) • Site Management Plan (SMP) (2019) • EC Inspections
Site Classification	Class A	
Site Management Plan	SMP – August 2019, approved by NYSDEC September 2019	
Certification/Reporting Period	The Certification Period of the Periodic Review Report (PRR) is April 2021 through March 2026, representing the 5-year period since the previous PRR. The SMP indicates that the property owner(s) shall periodically certify that the site use is compliant with the ICs at the discretion of NYSDEC. Site Management Reports (SMRs) are not required. The SMP requires certified reporting following a sampling event.	
Inspection	**Frequency**	
1. Site Inspection	Annual	
Monitoring	**Frequency**	
1. Groundwater	Every 5 years.	
2. Soil Vapor Intrusion	When vacant site building is re-occupied, use changes or new building is constructed	
Prior PRR/SMR Recommendations	1. Upon completion, and prior to occupancy of, the Quonset Hut indoor air sampling should be performed in accordance with the SMP and Indoor Air Quality (IAQ) Survey Work Plan. 2. Continued annual site inspection is recommended to verify the ICs and ECs are in-place and effective. One Site inspection report should also be completed following the inspection event. 3. A 5-year Certification Period is recommended with a PRR frequency of one report every five years. The certification period should begin April 1st 2021 ending March 31st 2026, with the next PRR covering the reporting period beginning April 1st 2021 ending March 31st 2026. 4. Groundwater monitoring should be performed at a frequency of once every five years. Monitoring well MW-GF-12 should be removed from the monitoring well network and replaced with MW-GF-22. Monitoring well MW-GF-26 should be removed from the monitoring well network. Considering the low levels of groundwater contamination in the southwest portion of the Site documented in the SMP and the stability of the groundwater plume, as indicated by the results of groundwater samples collected in 2020/2021, no replacement well is proposed for MW-GF-26. 5. The SMP should be revised to reflect the above changes/modifications if the changes are acceptable to the NYSDEC.	
Site Management Activities	Five site inspections, one groundwater sampling event, one soil vapor intrusion sampling event, and five soil disturbance events were completed this reporting period (April 2021 - March 2026). • 10/18/2021, 11/16/2022, 12/28/2023, 12/6/2024, and 10/23/2025: Annual Site inspections. • 11/25-26/2025: Indoor air sampling of the Quonset Hut and groundwater sampling of six monitoring wells. • 7/31/2025 – 8/8/2025 Utility Pole Excavations.	

	• 7/22/2024, 9/9-10/2024: Trenching for utility installation. • 11/20/2023 – 2/22/2024: Trenching for utility installation. • 8/17-18/2023: Trenching for utility installation. • 10/8/2022, 12/04/2022, 1/14/2023: Trenching for utility installation.
Significant Findings or Concerns	None.
Recommendations	1. Continued annual site inspection is recommended to verify the ICs and ECs are in-place and effective. One Site inspection report should also be completed following the inspection event. 2. Continued groundwater monitoring should be performed at a frequency of once every five years. 3. The SMP should be revised to reflect the changes/modifications proposed in the 2021 PRR.
Cost Evaluation	The total cost of the site management activities during this reporting period was $114,312.72. This cost includes engineering and subcontractor costs (e.g., laboratory, equipment, rentals, etc.). It should be noted that this total does not include any MTA LIRR staff labor or non-TRC contractor costs incurred in support of the project.

1.0 Introduction

This PRR has been prepared on behalf of MTA Long Island Rail Road (LIRR) for the Morris Park and Richmond Hill Yards (referred to as "the Site") and covers the period April 2021 through March 2026. This PRR was prepared in accordance with the SMP, approved by NYSDEC on September 27, 2019, and NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation. A Site summary and applicable remedial program information are summarized below.

Site Information			
Site Name:	Morris Park and Richmond Hill Yards	**NYSDEC Site No:**	241130
Site Location:	North of Atlantic Avenue and East of 121st Street in Richmond Hill, Queens County, New York	**Remedial Program:**	State Superfund Program
Site Type:	Railway Operations/Maintenance	**Classification:**	Class A
Parcel Identification(s):	Block 9375, Lots 6, 58, 350 and portions of Lots 200, 205, and 210, Queens County Tax Maps	**Parcel Acreage / EE Acreage:**	40.933
Selected Remedy:	Cover System, Long-term Groundwater Monitoring	**Site COC(s):**	• VOCs • SVOCs
Current Remedial Program Phase:	Post RA Site Monitoring; Site Management	**Institutional Controls:**	• Environmental Easement • SB (2015) • SMP (2019)
Post-Remediation Monitoring and Sampling Frequency:	Groundwater monitoring and Site inspection in accordance with the SMP	**Engineering Controls:**	• Cover system • Site Fencing and Access Controls
Monitoring Locations:	Overburden monitoring wells (7)	**Required Reporting:**	• PRR – Every five years, or as otherwise determined by NYSDEC • Site-Wide Inspection and Inspection Form - Annually

1.1 Site Location, Ownership, and Description

The Site is in the Town of Richmond Hill, Queens County, New York and is approximately 40.933 acres in size and is identified as Block 9375, Lots 6, 58, 350 and portions of Lots 200, 205, and 210. The Site parcels are owned by LIRR. The Site is operated by the LIRR and is utilized for railway operation maintenance purposes. The Site is located just north of Atlantic Avenue and east of 121st Street. The properties adjoining the Site and in the neighborhood surrounding the Site primarily include residential and commercial properties. The Site Location Map and Site Plan are provided on **Figure 1** and **Figure 2**, respectively.

1.2 Investigation/Remedial History

Remedial activities were completed in accordance with the SB issued by NYSDEC in 2015. In 2019, an SMP was issued for management of Site soil and groundwater and long-term Site monitoring and reporting.

A brief Site history for Morris Park Yard and Richmond Hill Yard is provided in the following sections. A detailed Site history, including the dates and descriptions of significant events are included in the SMP.

1.2.1 Morris Park Yard

Due to known impacts to soil and groundwater, and in addition to previous investigation activities, routine groundwater and product level monitoring and sampling was conducted at the Morris Park Yard from 2006 through 2013 and documented in quarterly reports to NYSDEC. Historically, the Morris Park Yard portion of the Site served as a replacement for the 1878-built Morris Grove station on 124th Street. It was demolished in 1939 as part of a grade elimination project for the Atlantic Branch. The Morris Park Yard portion of the Site has operated since the 1890s as the central location for the maintenance of the locomotives, coaches and electric-powered coaches. The majority of the facility closed in the early 1990s coinciding with the opening of the LIRR Hillside Maintenance Complex. Several of the buildings were demolished since the decommissioning; however, maintenance, overhaul and repair are still performed at this yard. In early 2010, locomotive fueling ceased upon the closure of three 20,000-gallon aboveground storage tanks (ASTs) located in the eastern portion of the yard.

Based on investigations completed between 1991 and 2013, as well as various Notices of Violations cited for the Morris Park Yard, several areas of concern (AOCs) were identified throughout the Morris Park Yard. The primary AOCs at the Morris Park Yard include the Former Paint Stripping Operation Area and associated Former Paint Stripping Building (FPSB), and the Container Storage Area. Additionally, sampling performed between 2006 and 2008 identified chlorinated VOCs and chlorofluorocarbons (CFCs) in soil vapor at Morris Park Yard. Results of these investigations, as well as other pertinent Site features are discussed in further details in the SMP.

Historical operations at the Former Paint Stripping Operation Area involved the stripping of paint and decals from the exterior of train cars to prepare the metal surfaces for the application of new paint and decals. A storage room for paint and primer and a paint mixing room were located at the northernmost end of the FPSB in the Former Paint Stripping Operation Area. Paint and decal stripping operations occurred in an area located south of the paint mixing room, and consisted of the application of a solvent-based stripper solution to the areas to be stripped. Paint and decals were then manually scraped from the train cars. Residual material was removed by spraying with water and was collected in concrete troughs. The concrete troughs conveyed the spent solvent to floor drains, which discharged to an underground storage tank (UST) system in the east transfer pit, located immediately east of the FPSB. The rinsate from the UST system was then discharged to the sewer system. After stripping operations were completed, any required painting or decal applications were completed in the same work area. There are three areas associated with the Former Paint Stripping Operation area and FPSB that are of particular importance in regard to this SMP and remaining contamination at the yard: the paint stripping bays, the east transfer pit and the concrete UST located in the east transfer pit.

In 1990, the NYSDEC issued a Resource Conservation and Recovery Act (RCRA) violation associated with metals contamination identified on the concrete slab of the FPSB. In accordance with the violation, paint stripping operations ceased and the flow of all constituents into the UST system associated with paint stripping operations

were terminated. In addition, the drains that are located at the terminus of the collection troughs within the concrete slab of the FPSB which discharged to the UST system were cemented closed.

To rectify the RCRA violation, and in consultation with NYSDEC, several investigation and remedial activities were completed in association with the FPSB, which are discussed in detail in the SMP. Following these remedial activities, the NYSDEC indicated in a March 30, 2001 letter that no further action was required with respect to the FPSB; however, the soil beneath the concrete slab would need to be addressed when the soil became accessible.

The FPSB was demolished in the early 2000s in anticipation of construction of a new Locomotive Maintenance Facility at the Morris Park Yard. As part of the construction of the new locomotive repair shop, the LIRR intended to remove the remaining concrete slab and, if necessary, any contaminated soil. However, due to budgetary constraints the new Locomotive Maintenance Facility was not constructed at that time. In a September 19, 2012 letter, the NYSDEC requested LIRR to provide their plans for addressing the metals contamination in soil underlying the concrete slab. The LIRR responded in a letter dated October 16, 2012, indicating that groundwater samples would be collected from existing groundwater monitoring wells located in the vicinity of and downgradient of the FPSB and analyzed for metals to determine if groundwater resources have been impacted. The NYSDEC approved this request in a letter dated October 19, 2012 but also required the collection of soil samples beneath the concrete slab. Investigation activities were then completed in this area, which included the collection of soil and groundwater samples. Based on the results of this investigation, the NYSDEC ultimately stated in a letter dated January 15, 2014, that no further action is required in regard to the FPSB and that a SB would be prepared to complete the RCRA process. The NYSDEC subsequently prepared the March 2015 SB for the Site.

The Container Storage Area is located in the northern portion of the Morris Park Yard. Wastes generated at the Morris Park Yard, as well as other facilities, were previously transported to the Container Storage Area prior to off-site disposal. There are four areas associated with the Container Storage Area that are associated with remaining contamination at the Site: the container storage pad, the safety storage shed, the asphalt lot surrounding the container storage pad, and a leaching pool that received stormwater runoff from the Container Storage Area.

Historically, the container storage pad was used to store 55-gallon drums of miscellaneous hazardous and non-hazardous waste, and lead acid and nickel-cadmium batteries. The container storage pad measured 25 feet by 28 feet and was constructed of concrete. It was surrounded by a 6-inch wide by 5-inch deep curb that was designed to contain any spilled material during the handling of drums. The concrete pad was not protected from precipitation events and had the potential to overflow, thus transporting spilled material to the adjacent areas and nearby leaching pool. The asphalt pavement in the container storage pad area was sloped toward a leaching pool, which collected surface runoff.

The safety storage shed, which was located immediately adjacent to the container storage pad, was used to store drums of polychlorinated biphenyls (PCB) light ballasts, asbestos, waste oil and miscellaneous waste. The storage shed measured 8 feet by 22 feet. It was equipped with integral secondary containment located beneath a grated metal floor.

Following the citation of various violations for the Morris Park Yard, the NYSDEC required that the Former Paint Stripping Operation Area and Container Storage Area be closed in accordance with applicable regulations. As

such, these AOCs underwent a Closure Program to ensure these areas were properly closed. The Closure Program included the remediation of these areas.

In addition to the above AOCs, historical operations at the Morris Park Yard, as well as the presence of several petroleum storage tanks, have resulted in several petroleum spills which have occurred at the Morris Park Yard. These spills were consolidated under NYSDEC Spill Case No. 92-12990. As documented in the SMP, active remediation activities consisting of bioventing and enhanced in-situ bioremediation (i.e., nutrient amendment injection) were completed between 2008 and 2013. Spill Case No. 92-12990 was closed on September 27, 2013. At the request of NYSDEC, as a condition of closure of the Spill Case, off-Site monitoring wells were decommissioned in place in accordance with NYSDEC Commissioner Policy 43 Groundwater Monitoring Well Decommissioning Policy (CP-43) between December 2014 and April 2015. Decommissioned monitoring wells are shown on **Figure 2**[1].

1.2.2 Richmond Hill Yard

Due to known impacts to soil and groundwater, and in addition to previous investigation activities, routine groundwater and product level monitoring and sampling was conducted at the Richmond Hill Yard from 2006 through 2013 and documented in quarterly reports to NYSDEC. Historically, the Richmond Hill Yard portion of the Site was used for the inspection, maintenance, fueling and storage of diesel train locomotives. The Richmond Hill Yard is currently used for the daily inspection, storage, repair and cleaning of locomotive hauled passenger trains. Fueling activities are still conducted in the eastern and western portions of the yard.

Several AOCs are associated with the Richmond Hill Yard portion of the Site. The primary AOCs at the Richmond Hill Yard include the Storage Yard, the east fueling yard (located within the Storage Yard) and the McGurl Building area. Historical site operations, such as fueling operations, and the presence of several on-site storage tanks, resulted in contaminated soil and groundwater at the Site. Historic spills were consolidated under NYSDEC Spill Case No. 89-08760. Investigation activities associated with the above-listed AOCs and other areas within the Richmond Hill Yard are discussed in the SMP.

In order to address these AOCs, several remedial activities were completed at the Yard. In 1995, approximately 2,450 tons of petroleum impacted material were excavated and disposed off-site during the removal of four 20,000-gallon diesel USTs located east of the McGurl Building and 1,180 tons of petroleum-impacted soil were excavated from the Storage Yard during construction activities. In addition, petroleum-impacted soil was discovered during the construction of a new retaining wall along the northern property boundary, resulting in the excavation and off-site disposal of approximately 4,200 tons of petroleum-impacted material in 2006.

Spill Case No. 89-08760 was closed on September 27, 2013. At the request of NYSDEC, as a condition of closure of the Spill Case, off-Site monitoring wells were abandoned in place in accordance with NYSDEC CP-43 in December 2014.

[1] Decommissioning of MW-GF-12, MW-GF-13, MW-GF-14, and MW-PMW-5 were not included in this effort. Decommissioning records for these wells are not available.

1.3 Remaining Contamination

1.3.1 Morris Park Yard

Limited soil contamination consisting of semi-volatile organic compounds (SVOCs) and metals remains in the vicinity of the Former Paint Stripping Operation Area and Container Storage Area. Results of the most recent Site-wide groundwater sampling, completed in 2013, indicate only slight VOC exceedances remain on-Site, primarily in the southern portion of the Morris Park Yard to the south of the Roundhouse. In addition, only slight residual metal exceedances remain on-Site, primarily in the vicinity of the Former Paint Stripping Operation Area, Container Storage Area and areas downgradient of the Former Paint Stripping Area. Based on a review of routine groundwater sampling results, contaminants in groundwater at the Morris Park Yard have decreased significantly over time. Based on information provided in the SB as well as the soil vapor sampling results discussed above, soil vapor sampling indicated that tetrachloroethene (PCE), trichloroethene (TCE), vinyl chloride and several CFCs were detected at on-Site soil vapor and off-Site soil vapor sample locations. Elevated concentrations of CFCs in soil vapor are located in the south-central portion of the Morris Park Yard. Elevated concentrations of PCE were primarily detected along the western boundary of the Morris Park Yard and off-Site to the southwest of the yard. Based on the SB, sampling indicates that off-Site soil vapor intrusion as a result of Site contamination is not a concern. In addition, based on the completed soil remediation and current Site use and operations, vapor intrusion at the Site is not considered a potential exposure pathway at this time. However, the potential for vapor intrusion will be evaluated in accordance with the SMP, as appropriate. Exposure to the remaining soil and groundwater contamination at the Site is prevented by a cover system that currently exists on-Site. This cover system consists of a combination of concrete, asphalt, ballast, soil areas (track embankment and a fenced in storage area), and/or buildings throughout the Site surface. In addition, the Site is a secure facility with access strictly controlled at the Site entrance points. The public does not have access to the Site and, as a result, access by the public is not possible. A general description and figures showing the location of these areas is provided in the SMP.

1.3.2 Richmond Hill Yard

Limited soil and groundwater contamination remains at the Richmond Hill Yard. Contamination is limited to PAHs in soil, at depths greater than 2 feet below grade, and VOC and SVOC in groundwater is in the vicinity of the McGurl Building. Exposure to the remaining soil and groundwater contamination at the Site is prevented by a cover system. This cover system consists of a combination of concrete, asphalt, ballast, soil areas (track embankment and a fenced in storage area), and/or buildings throughout the Site surface. In addition, the Site is a secure facility with access strictly controlled at the Site entrance points. The public does not have access to the Site and, as a result, access by the public is not possible. A general description and figures showing the location of these areas is provided in the SMP.

1.4 Regulatory Requirements/Remedial Controls

As specified in the March 2015 SB, the cleanup goals for the Site are to eliminate or reduce to the extent practicable:

- Exposures of persons at or around the Site to VOC and SVOCs in the groundwater, surface and subsurface soils, and soil vapor.

- Exposures of flora or fauna to VOC and SVOCs in the groundwater, surface and subsurface soils, and soil vapor.
- The release of contaminants from soil into groundwater that may create exceedances of groundwater quality standards.
- Prevent off-site migration of contaminated groundwater to the extent practical.

Further, the cleanup goals for the Site include attaining to the extent practicable the following Standards, Criteria, and Guidance (SCGs):

- Ambient groundwater quality standards based on NYSDEC "Ambient Water Quality Standards and Guidance Values" and Part 5 of the New York State Sanitary Code.

2.0 Institutional and Engineering Control Plan Compliance

The Site is managed under an Order on Consent issued by NYSDEC in 1992 and has been remediated in accordance with the 2015 SB. The SMP was issued in 2019 and the Environmental Easement requires compliance with the SMP, ICs, and ECs.

2.1 Institutional Controls

The Site ICs consist of:

- Use and development of the property is limited to industrial activities.
- Compliance with the approved Site SMP.
- Restrictions on the use of groundwater as a source of potable water without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or New York City Department of Health.
- Inspection and certification of ICs and ECs in accordance with the SMP.

2.2 Engineering Controls

The ECs for the Site include a cover system comprised of a combination of concrete/asphalt, ballast, soil (track embankment and a fenced in storage area), and/or buildings throughout the entire Site ground surface; perimeter fencing and access controls (i.e., security gates); and monitoring wells for periodic groundwater monitoring. There are a total of 35 on-Site groundwater monitoring wells. The recommendations in the 2021 PRR, approved by NYSDEC, included sampling of six wells.

3.0 Monitoring and Sampling Plan Compliance

The SMP (2019) was prepared to manage the contamination remaining on the Site and to ensure the remedy remains effective by restricting site use, site development and soil movement on the property. The SMP specifies the following monitoring and sampling activities for the Site:

Summary of SMP Site Monitoring and Sampling Plan			
Site Management Activity	**Frequency**	**Location**	**Laboratory Analysis**
Site Inspection	Annual	Site properties	Not Applicable
Groundwater Sampling	Every five years[3]	• MW-GF-12[1] • MW-GF-26[2] • MW-15-60 • MW-39S	EPA Method 8260 for VOCs
		• MW-3-60 • MW-GF-8/MW-40S • MW-GF-21R	EPA Method 8260 for VOCs and EPA Method 8270 for SVOCs.
Indoor Air Quality Sampling	Prior to occupancy of the Quonset Hut	• TRC-IA-11 • TRC-IA-12 • TRC-AA-01	EPA Method TO-15 for VOCs.
Site Inspection Report	Following each inspection event	Not Applicable	Not Applicable
SMR	Not required	Not Applicable	Not Applicable
PRR	Every five years[3]	Not Applicable	Not Applicable

Notes:
[1] In November 2020 MW-GF-12 was found to have been previously decommissioned. A groundwater sample was collected from MW-GF-22 instead.
[2] In October 2020 MW-GF-26 was found to be covered in asphalt. There are no remaining shallow groundwater monitoring wells nearby.
[3] As recommended in the 2021 PRR and approved by NYSDEC.

3.1 Site Inspections

On October 18, 2021; November 16, 2022; December 28, 2023; December 6, 2024; and October 23, 2025, TRC performed Site inspections in accordance with the SMP. The Site inspections included an evaluation of the current Site use, condition of the cover system, and the condition of Site fencing and access controls. The Site inspection forms are presented in **Appendix A**. Photographic logs from each inspection are presented in **Appendix B**.

Various utility excavations were completed during the reporting period. Site inspections confirmed that the cover system was restored upon completion of construction/excavation activities and the cover system was in acceptable condition site-wide. Site fencing and access controls were found to be in good condition.

3.2 Groundwater Monitoring Summary

3.2.1 Groundwater Sampling

Extensive groundwater gauging activities performed at the Site between 2008 and 2013 have demonstrated groundwater at the Site flows to the southwest. **Figure 3** presents groundwater surface elevation contours based on measurements collected in September 2013.

Between November 25 and 26, 2025 TRC collected groundwater samples from six monitoring wells (MW-GF-8/MW-40S, MW-GF-21R, MW-GF-22, MW-3-60, MW-15-60, and MW-39S) utilizing standard low-flow sampling techniques. Groundwater monitoring well locations are shown on **Figure 4**. Groundwater sampling logs can be found in **Appendix C**. All six groundwater samples, in addition to QA/QC samples collected at the frequencies specified in the Quality Assurance Project Plan (QAPP) included in the SMP, were containerized in laboratory-supplied glassware, placed in chilled coolers, and submitted under chain-of-custody protocols to Eurofins/TestAmerica Laboratories (Eurofins), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory, for analysis of VOCs via USEPA Method 8260 and SVOCs using EPA Method 8270.

A summary of the groundwater sampling information and pertinent well details for each well is presented below:

Summary of Groundwater Monitoring and Sampling Activities

Well ID	Monitoring Well Details				2025 Groundwater Sampling Event		
	Coordinates		Screen Zone (ft. bgs)	Unit Screened	DTW (ft. bgs)	Analytes	Notes
	Latitude	Longitude					
MW-GF-12	40.696807	-73.8194193	40.0 – 60.0	Overburden	NA	NA	Decommissioned, date unknown. Replaced with MW-GF-22.
MW-GF-21R	40.6960885	-73.8221616	25.0 – 45.0	Overburden	38.36	VOCs, SVOCs	
MW-GF-22	40.6963262	-73.8211859	25.0 – 45.0	Overburden	37.69	VOCs, SVOCs	
MW-GF-26	40.6953932	-73.8194193	30.0 – 50.0	Overburden	NA	NA	Could not locate, covered with asphalt.
MW-3-60	40.6957511	-73.8235296	30.0 – 60.0	Overburden	39.44	VOCs, SVOCs	
MW-15-60	40.6947841	-73.8243131	29.7 - 59.7	Overburden	39.92	VOCs, SVOCs	
MW-GF-8/ MW-40S	40.6972213	-73.8223311	40.0 – 60.0	Overburden	48.41	VOCs, SVOCs	
MW-39S	40.6973876	-73.8236116	45 - 66.8	Overburden	51.40	VOCs, SVOCs	

Notes:

DTW - Depth to Water
NA – Not Applicable

3.2.2 Groundwater Sample Results

Laboratory analytical results of groundwater samples were reviewed and Data Usability Summary Reports (DUSRs) were prepared by TRC in accordance with NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B "Guidance for Data Deliverables and the Development of DUSRs." Results of analysis of VOCs and SVOCs are presented in **Tables 2 and 3**, respectively. Laboratory data packages are presented in **Appendix D**. The DUSRs are presented in **Appendix E**. Detected compounds exceeding their respective Class GA Value for each well are shown on **Figure 4**. A summary of the November 2026 groundwater analytical results is presented below:

Exceedance Summary of Laboratory Analytical Results in Groundwater
November 2025

Constituent	Class GA Value	Concentration Range (µg/L)	Location with Highest Detection	Frequency Exceeding SCG
VOCs				
Isopropylbenzene	5	ND – 6.9	MW-3-60	1/6
Tetrachloroethene	5	ND – 6.2	MW-39S	1/6

Groundwater concentration trends for contaminants that were detected at concentrations greater than Class GA Values are shown on **Figure 5.**

3.3 Indoor Air Quality Survey Summary

November 2025

One new Site structure (Quonset Hut) was completed during the reporting period. Intrusive activities associated with the construction of the Quonset Hut were completed during the previous reporting period and were reported on in the previous PRR. In accordance with the SMP evaluation of soil vapor intrusion pathways for these structures is required. TRC submitted a revised QAPP in November 2020 and submitted an IAQ Survey Work Plan to NYSDEC on December 1, 2020. Since the Quonset Hut was designed with 10-inch concrete floor slabs vapor intrusion evaluation was limited to indoor and ambient air sampling. Design and construction details for the structure are included in **Appendix F**. NYSDEC approved the IAQ Work Plan on December 28, 2020.

Construction of the Quonset Huwas completed during the reporting period and TRC performed an IAQ survey in accordance with the IAQ Survey Work Plan and revised QAPP on November 25, 2026.

The IAQ Survey was conducted in general accordance with NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (NYSDOH Vapor Intrusion Guidance Document). The IAQ Survey included performance of a building inspection and chemical inventory, which were documented in the NYSDOH IAQ Questionnaire (refer to **Appendix G**) and the collection of two indoor air samples and one ambient air sample for laboratory analysis. Indoor air samples were collected at the locations shown on **Figure 6**. The ambient air sample was collected from outside the Quonset Hut.

During the inspection a part per billion (ppb)-range photoionization detector (PID) was utilized to screen indoor air sample locations and adjacent spaces for the presence of organic vapors. PID readings between 0.0 and 0.1 ppb were measured in the vicinity of the indoor air sample locations.

Indoor and ambient air samples were collected utilizing individually certified-clean 6-liter Summa® canisters. The samples were collected over an 8-hour time period from a height of approximately 3 to 5 feet above the floor to simulate the typical breathing zone. Initial and final canister vacuum readings (inches of mercury) and sampling times were recorded on the laboratory chain-of-custody forms. During sampling, there were no activities being performed in the Site that would interfere with the IAQ sampling.

The Summa® canisters were properly labeled and transported via courier under chain-of-custody protocols to Eurofins for analysis of 72 VOCs via USEPA Method TO-15.

3.3.1 Indoor and Ambient Air Sampling

Laboratory analytical results of indoor/ambient samples collected in November 2025 were reviewed and a DUSR was prepared by TRC in accordance with NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B "Guidance for Data Deliverables and the Development of DUSRs." Results of analysis of air samples for VOCs is presented in **Table 3**. The laboratory data packages are presented in **Appendix G.** The DUSRs can be found in **Appendix E**. Analytical results for indoor/ambient air samples were compared to the NYSDOH Air Guideline Values (AGVs) presented in the NYSDOH Vapor Intrusion Guidance Document, NYSDOH's Tetrachloroethene (Perc) in Indoor and Outdoor Air September 2013 Fact Sheet ("NYSDOH Perc Fact Sheet"), and NYSDOH's TCE in Indoor and Outdoor Air August 2015 Fact Sheet ("NYSDOH TCE Fact Sheet").

Indoor/ambient air sample results were also compared to the respective upper range of indoor/outdoor air concentrations from Appendix C of the NYSDOH Vapor Intrusion Guidance Document: Upper Fence Limit indoor/outdoor air concentrations from "Table C-1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes;" 90th Percentile indoor/outdoor air concentrations from "Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA® canister method;" and, 95th Percentile Indoor/Outdoor Air Values from "Table C-5, Health Effects Institute (HEI) 2005: Relationship of Indoor, Outdoor and Personal Air" (RIOPA) data. Ambient air sample results were also compared to NYSDEC 2018 Annual VOC Data from Queens College Site #7096-15, Queens County.

A review of the November 2025 indoor and ambient air sample analytical results indicates that 18 of the 72 VOCs were detected in indoor air samples. All six VOCs detected in the ambient air sample were detected in indoor air samples. No VOCs were detected above applicable AGVs.

3.4 Ground Intrusive Activities

LIRR conducted the following ground intrusive activities at Morris Park Yard that disturbed the surface cover Engineering Controls and exposed underlying soils.

- 7/31/2025 – 8/8/2025: Utility Pole Excavations.
- 7/22/2024, 9/9-10/2024: Trenching for utility installation.
- 11/20/2023 – 2/22/2024: Trenching for utility installation.
- 8/17-18/2023: Trenching for utility installation.
- 10/8/2022, 12/04/2022, 1/14/2023: Trenching for utility installation.

All ground intrusive activities were conducted in accordance with the Excavation Work Plan (EWP) included in the Site Management Plan, including:

- Community Air Monitoring Plan (CAMP) was performed during ground-intrusive activities;
- A qualified environmental professional or person under their supervision performed soil screening and oversaw all invasive work, including load-out of all excavated materials;
- Stockpiles of excavated soil were covered, maintained, and inspected in accordance with the EWP requirements;
- Materials transported by trucks exiting the Site were secured with tight-fitting covers;
- All material excavated and removed from the Site was sampled and characterized prior to transport and disposal;
- Materials excavated and removed from the Site were treated as contaminated and regulated material and was transported and disposed in accordance with all local, State (including 6 NYCRR Part 360) and Federal regulations;
- After the completion of soil removal and any other invasive activities, the cover system was restored in a manner that complies with the EWP and SMP (minimum of 12 inches of clean soil, ballast, buildings, pavement, and sidewalks); and
- All soils imported to the Site meet the backfill and cover soil quality standards established in 6 NYCRR 375-6.7(d) for the Site's specific land use (Industrial Use SCOs).

Waste disposal and imported material quantities documentation are included in **Appendix H**.

4.0 Cost Summary

The total estimated cost of the site management activities between April 2021 and March 2026 is approximately $114,171.22. Site management activities included Site inspections, sampling of 6 monitoring wells, analysis of six groundwater samples for VOCs and SVOCs, indoor air sampling, analysis of three indoor and ambient air samples for VOCs, construction inspections during ground intrusive activities, and preparation of a PRR. The total includes engineering and subcontractor costs, as well as expenses associated with the project. A summary of the 2021 to 2026 site management costs is presented below:

Summary of Site Management Costs
April 1, 2021 through March 31, 2026

Cost Item	Amount Expended	Percent of Total Cost
Engineering Support		
TRC	$83,925.75	73.5%
Subcontractors		
Pace Analytical	$3,475.35	3%
Hampton-Clarke, Inc.	$401.50	0.5%
Expenses		
TRC	$26,368.62	23%
Total Cost	**$114,171.22**	----

The following provides a review of each cost item:

- Engineering support includes labor costs associated with project management, Site inspections, construction inspection, groundwater sampling, indoor air monitoring, and reporting (i.e., DUSR, electronic data deliverable preparation, and PRR).
- Subcontractors include analytical laboratory costs associated with groundwater sampling and indoor air sampling events.
- Expense costs include travel, equipment, and supplies in support of the site inspection, groundwater sampling, and indoor air sampling.

5.0 Conclusions and Recommendations

5.1 Conclusions

- Site and groundwater use are consistent with the restrictions set forth in the SB, the Environmental Easement, and the SMP. Groundwater monitoring activities were completed in November 2025 for the certification period. Two indoor air samples from the Quonset Hut and one ambient air sample were collected in November 2025. Site inspections were completed on October 18, 2021; November 16, 2022; December 28, 2023; December 6, 2024; and October 23, 2025. The ICs operated as intended this reporting period. Lastly, an IAQ Survey was performed in November 2025.
- The remedy continued to be protective of human health and the environment this reporting period.
- Based on extensive groundwater gauging between 2008 and 2013 groundwater flow at the Site has been determined to be to the southwest.
- Site groundwater Contaminant of Concerns (COCs), which include VOCs and SVOCs, were detected at concentrations slightly exceeding their respective Class GA Values in 2 of 6 groundwater samples collected from the Site. The highest concentrations were detected in MW-3-60, with total VOC concentrations of 16.31 µg/l.
- Results of groundwater sampling performed in 2025 indicate, generally, concentrations of VOCs and SVOCs were consistent with, or had decreased from, results from the 2020/2021. The Site groundwater plume is stable.
- VOCs were not detected at concentrations greater than the NYSDOH AGV in indoor air samples collected from inside the Quonset Hut in November 2025.
- The Site inspections included an evaluation of the current Site use, condition of the cover system, and the condition of Site fencing and access controls. The cover system was found to be acceptable. Site fencing and access controls were found to be in good condition.

5.2 Recommendations

- Continued annual Site inspection is recommended to verify the ICs and ECs are in-place and effective. One Site inspection report should also be completed following each inspection event.
- A 5-year Certification Period is recommended with a PRR frequency of one report every five years. The certification period should begin April 1st 2026 ending March 31st 2031, with the next PRR covering the reporting period beginning April 1st 2026 ending March 31st 2031.
- Groundwater monitoring should be performed at a frequency of once every five years.
- The SMP should be revised to reflect the changes/modifications proposed in the 2021 PRR and approved by NYSDEC.

6.0 Certification of Engineering and Institutional Controls

The signed and stamped New York State Department of Environmental Conservation Site Management Periodic Review Notice Institutional and Engineering Controls Form is provided in Appendix A of this PRR.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Robert Bowden, PE, of TRC Engineers, Inc. located at 1407 Broadway, New York, NY, am certifying as the Long Island Railroad's Designated Site Representative for the Site.

RC Bowden — 3/31/2026

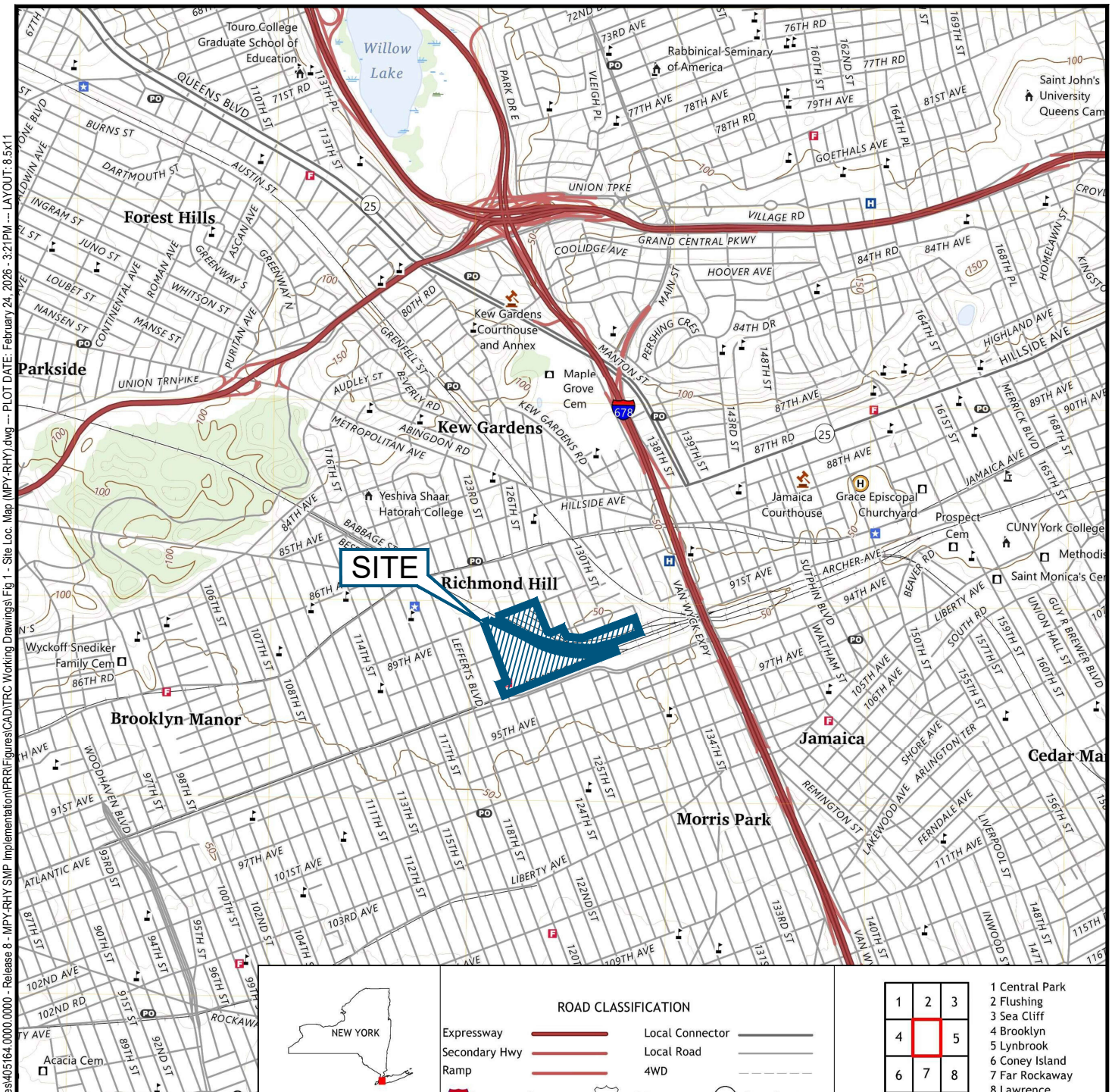
Signature — Date

NYS Professional Engineer No. 105565

7.0 Future Site Activities

Site inspections will be performed in Q4 2026, 2027, 2028, 2029, and 2030. Based on the recommendations in Section 5 the next groundwater monitoring event should be conducted in Q4 2030.

Figures



SCALE: 1:2400

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1 0.5 0 MILES 1

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

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TRUE NORTH NY83-LIF

MAP INCLUDES INFORMATION FROM THE FOLLOWING MAP SHEET(S):
TP, JAMAICA, NY, 7.5 MINUTE DATED 2023.

MAP OBTAINED THROUGH USE OF TOPOVIEW WITH THE INTERFACE CREATED BY THE NATIONAL GEOLOGIC MAP DATABASE PROJECT (NGMDB), IN SUPPORT OF THE TOPOGRAPHIC MAPPING PROGRAM, MANAGED BY THE USGS NATIONAL GEOSPATIAL PROGRAM (NGP).

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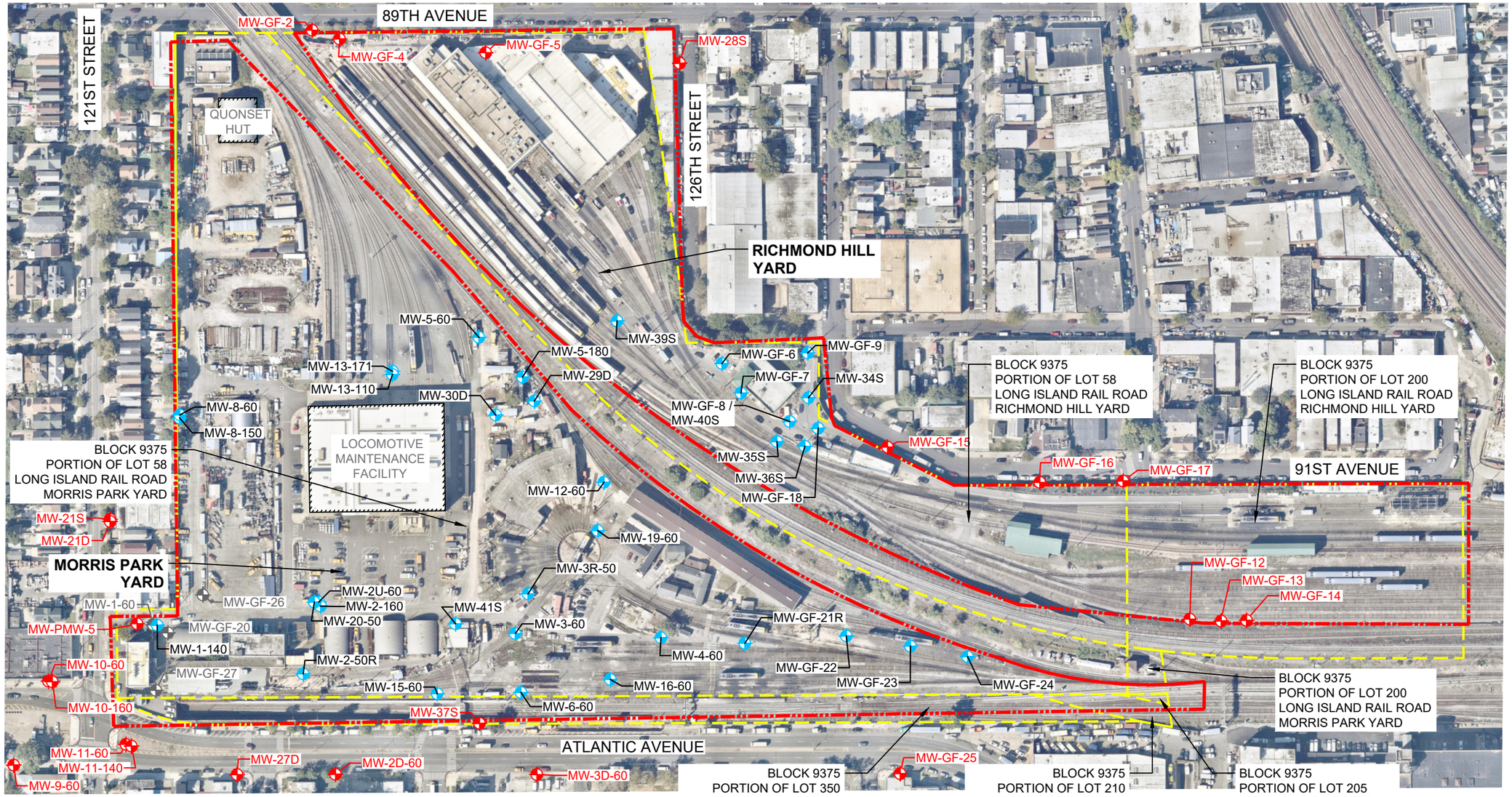
PROJECT:
MTA LONG ISLAND RAIL ROAD
PERIODIC REVIEW REPORT
MORRIS PARK AND RICHMOND HILL YARDS
RICHMOND HILL, NEW YORK

TITLE:
SITE LOCATION MAP

DRAWN BY:	H. DELGADO
CHECKED BY:	C. LAMBERTSON
APPROVED BY:	D. WARREN
DATE:	FEBRUARY 2026
PROJ. NO.:	639300
FILE:	Fig 1 - Site Loc. Map (MPY-RHY).dwg

FIGURE 1

8.5x11 -- ATTACHED XREFS: -- ATTACHED IMAGES: NY_Jamaica_20230531_TM;
DRAWING NAME: \\NYC-FP1\Shared\Projects\LIRR On-Call Environmental Services\405164.0000.0000 - Release 8 - MPY-RHY SMP Implementation\PRR\Figures\CAD\TRC Working Drawings\ Fig 1 - Site Loc. Map (MPY-RHY).dwg -- PLOT DATE: February 24, 2026 - 3:21PM -- LAYOUT: 8.5x11



N

TRUE NORTH N18E4.4F

0 200' 400'

SCALE: 1" = 200'
SHEET SIZE: 11" BY 17"

LEGEND (SYMBOLS NOT TO SCALE):

- SITE BOUNDARY
- PARCEL BOUNDARY
- BUILDING FOOTPRINT
- MW-GF-##-## — GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- MW-GF-##-## — DECOMMISSIONED GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- MW-GF-##-## — GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER (NOT LOCATED - PRESUMED TO BE PAVED OVER)

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.
2. AERIAL IMAGE SOURCED FROM NEARMAP DATED OCTOBER 1, 2025.

PROJECT:
MTA LONG ISLAND RAIL ROAD
PERIODIC REVIEW REPORT
MORRIS PARK YARD AND RICHMOND HILL YARD
RICHMOND HILL, NEW YORK

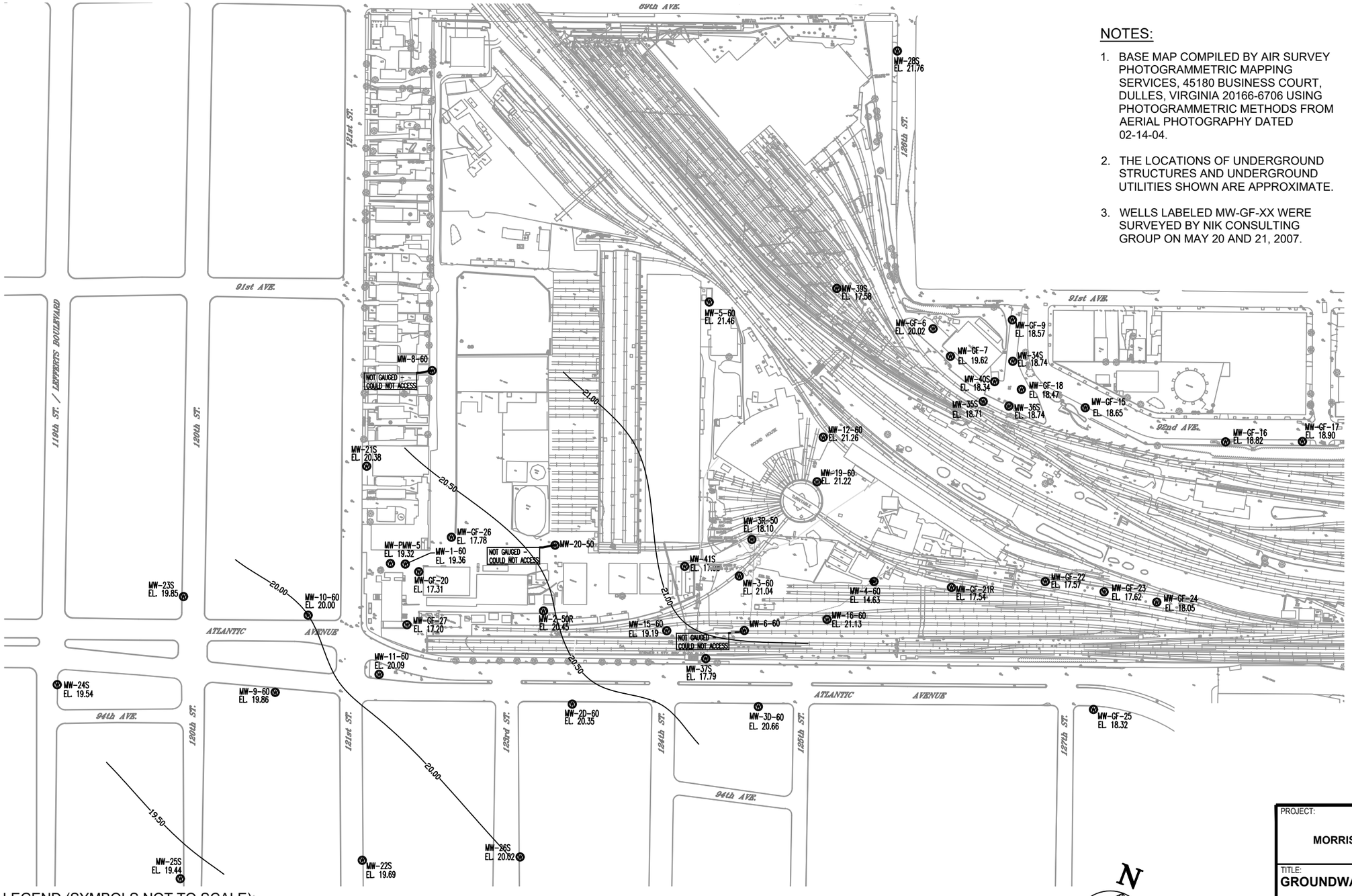
TITLE:
SITE PLAN

DRAWN BY:	H. DELGADO	PROJ NO.:	639300
CHECKED BY:	C. LAMBERTSON		
APPROVED BY:	D. WARREN		**FIGURE 2**
DATE:	FEBRUARY 2026		

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Phone: 212.221.7822
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FILE NO.: Fig 2 - Site Plan (MPY-RHY).dwg

14:17 — USER: rDelgado — ATTACHED XREFS: - XY:\56-1\Data-Trips\ - XREF:mmy-BASEMAP-IMPY-4 RHY.ovlb) — ATTACHED IMAGES: - EP002003, EP002003, 2953001 - V:\dwg\
DRAWING NAME: \\NYC-FP1\Shared\Projects\LIRR On-Call Environmental Services\405164.0000.0000 - Release 8 - MPY-RHY SMP Implementation\PRR\Figures\CAD\TRC Working Drawings\ Fig 2 - Site Plan (MPY-RHY).dwg — PLOT DATE: February 24, 2026 - 3:49PM — LAYOUT: 11X17L
Version: 2017-10-21



NOTES:

1. BASE MAP COMPILED BY AIR SURVEY PHOTOGRAMMETRIC MAPPING SERVICES, 45180 BUSINESS COURT, DULLES, VIRGINIA 20166-6706 USING PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY DATED 02-14-04.
2. THE LOCATIONS OF UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.
3. WELLS LABELED MW-GF-XX WERE SURVEYED BY NIK CONSULTING GROUP ON MAY 20 AND 21, 2007.
4. WELLS LABELED MW-XX-XXX, MW-XXX AND MW-PMW-X WERE SURVEYED BY MUNOZ ENGINEERING P.C. IN OCTOBER 2006. THESE WELLS WERE USED TO CREATE THE GROUNDWATER SURFACE ELEVATION CONTOURS SHOWN ON THE FIGURE.
5. WELLS LABELED MW-34S, MW-35S, MW-36S, MW-37S, MW-GF-21R, AND MW-3R-50 WERE SURVEYED BY MUNOZ ENGINEERING P.C. IN OCTOBER 2009.
6. LOCATIONS OF STREETS SOUTH OF ATLANTIC AVENUE AND WEST OF 121ST STREET ARE APPROXIMATE AND BASED ON GOOGLE EARTH 2008 IMAGE.
7. COORDINATE SYSTEM: SPC-NY LONG ISLAND ZONE 3104
   HORIZONTAL DATUM: NAD 1983
   VERTICAL DATUM: NAVD 1988
   UNIT: US SURVEY FEET
8. DUE TO VARIABILITY IN THE DATUMS USED TO SURVEY THE MONITORING WELLS DURING THE MULTIPLE SURVEYING EVENTS, THE WATER TABLE SURFACE ELEVATIONS MEASURED IN THE FOLLOWING WELLS WERE USED TO GENERATE THE CONTOURS SHOWN: MW-2-50R, MW-2D-60, MW-3-60, MW-3D-60, MW-5-60, MW-9-60, MW-10-60, MW-11-60, MW-12-60, MW-16-60, MW-19-60, MW-21S, MW-22S, MW-23S, MW-24S, MW-25S, MW-26S AND MW-28S.
9. WELL MW-GF-8 WAS ABANDONED. WELL MW-40S WAS INSTALLED ADJACENT TO THE FORMER LOCATION OF WELL MW-GF-8. WELL MW-17-50R WAS ABANDONED. WELL MW-41S WAS INSTALLED ADJACENT TO THE FORMER LOCATION OF WELL MW-17-50R.
10. WELLS LABELED MW-39S, MW-40S AND MW-41S WERE SURVEYED BY MUNOZ ENGINEERING P.C. IN JULY 2013.

LEGEND (SYMBOLS NOT TO SCALE):

MW-3D-60 EL. 20.66 (W) — GROUNDWATER MONITORING WELL LOCATION, IDENTIFICATION NUMBER AND GROUNDWATER SURFACE ELEVATION (SYMBOL NOT TO SCALE)

20.00 — GROUNDWATER SURFACE ELEVATION CONTOUR (FEET)

N

TRUE NORTH NYBGJJF

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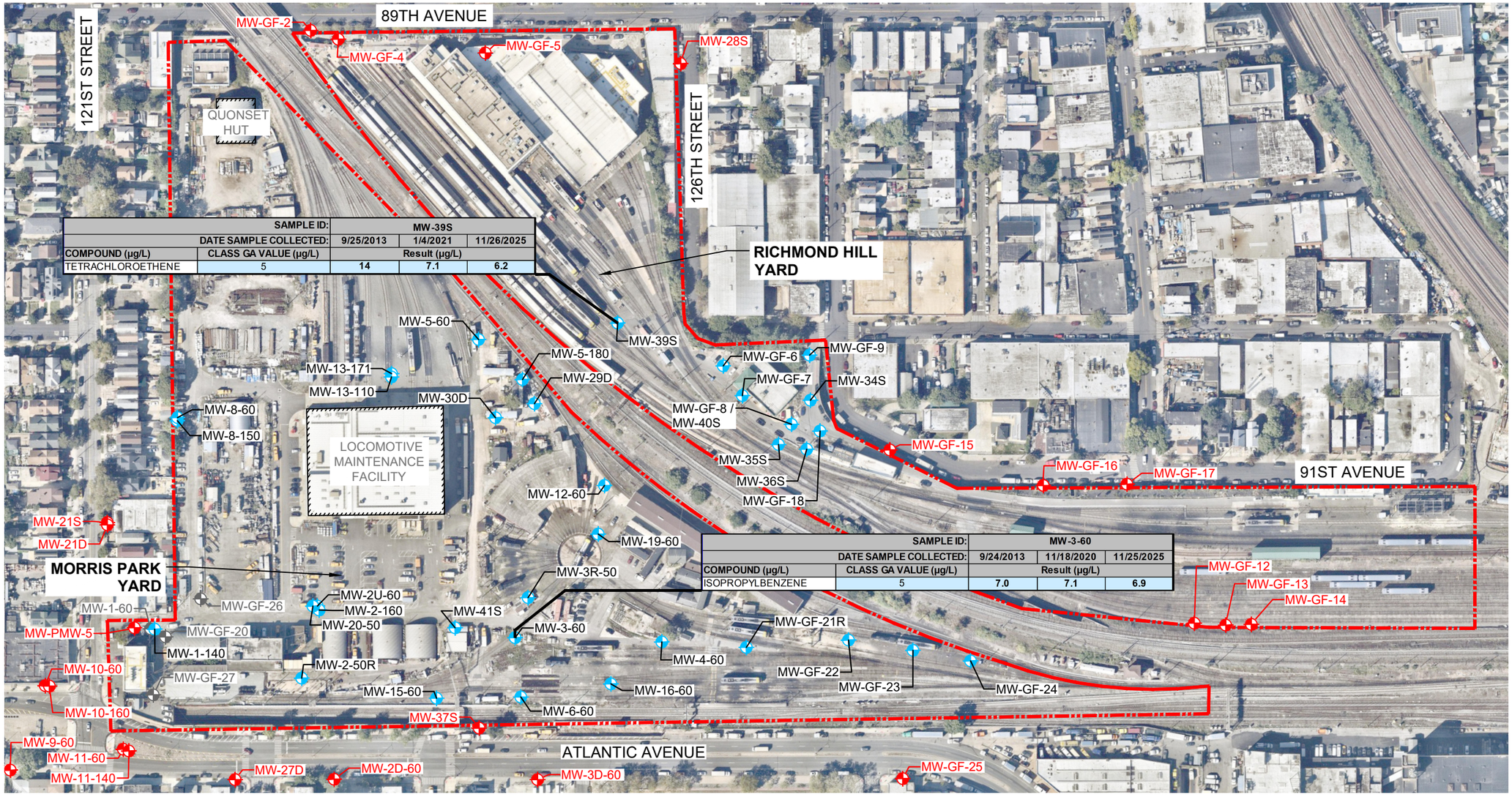
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PROJECT:	MTA LONG ISLAND RAIL ROAD PERIODIC REVIEW REPORT MORRIS PARK YARD AND RICHMOND HILL YARD RICHMOND HILL, NEW YORK
TITLE:	GROUNDWATER SURFACE ELEVATION CONTOURS SEPTEMBER 2013
DRAWN BY:	H. DELGADO
CHECKED BY:	C. LAMBERTSON
APPROVED BY:	D. WARREN
DATE:	FEBRUARY 2026
PROJ NO.:	639300
	FIGURE 3

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FILE NO.: Fig 3 - GW SEC Map - Sept.2013 (MPY-RHY).dwg

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DRAWING NAME: \\NYC-FP1\Shared\Projects\LIRR On-Call Environmental Services\405164.0000.0000 - Release 8 - MPY-RHY SMP Implementation\PRR\Figures\CAD\TRC Working Drawings\ Fig 3 - GW SEC Map - Sept.2013 (MPY-RHY).dwg --- PLOT DATE: February 24, 2026 - 4:10PM --- LAYOUT: 11x17L
Version: 2017-10-21



SAMPLE ID:		MW-39S		
DATE SAMPLE COLLECTED:		9/25/2013	1/4/2021	11/26/2025
COMPOUND (µg/L)	CLASS GA VALUE (µg/L)	Result (µg/L)		
TETRACHLOROETHENE	5	**14**	**7.1**	**6.2**

SAMPLE ID:		MW-3-60		
DATE SAMPLE COLLECTED:		9/24/2013	11/18/2020	11/25/2025
COMPOUND (µg/L)	CLASS GA VALUE (µg/L)	Result (µg/L)		
ISOPROPYLBENZENE	5	**7.0**	**7.1**	**6.9**

LEGEND (SYMBOLS NOT TO SCALE):

- SITE BOUNDARY
- BUILDING FOOTPRINT
- MW-GF-##-## — GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- ~~MW-GF-##-##~~ — DECOMMISSIONED GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- MW-GF-##-## — GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER (NOT LOCATED - PRESUMED TO BE PAVED OVER)

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.
2. AERIAL IMAGE SOURCED FROM NEARMAP DATED OCTOBER 1, 2025.
3. ug/L - MICROGRAMS PER LITER
4. (1) - THERE IS NO CLASS GA VALUE FOR TOTAL XYLENES. THE STANDARD FOR O-XYLENE, M-XYLENE, AND P-XYLENE IS 5 µg/L.
5. CLASS GA VALUE - NEW YORK STATE CLASS GA GROUNDWATER STANDARD OR GUIDANCE VALUE PUBLISHED IN THE NYSDEC TOGS 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES.
6. BOLD AND HIGHLIGHTED RESULT EXCEEDS CLASS GA VALUE.
7. ONLY COMPOUNDS EXCEEDING CLASS GA VALUES IN SAMPLES COLLECTED IN 2025 ARE SHOWN.
8. MONITORING WELLS MW-GF-8/MW-40S, MW-GF-21R, MW-GF-22, MW-3-60, AND MW-15-60 ARE INCLUDED IN THE SITE MONITORING PLAN MONITORING NETWORK AND WERE SAMPLED IN 2025.
9. MONITORING WELLS MW-GF-12 AND MW-GF-26 WERE INCLUDED IN THE ORIGINAL SITE MANAGMENT PLAN MONITORING NETWORK BUT WERE FOUND TO BE DECOMMISSIONED AND PAVED OVER, RESPECTIVELY.
10. GROUNDWATER SAMPLING OF MW-PMW-5 WAS PLANNED AS A REPLACEMENT FOR MW-GF-26. MW-PMW-5 WAS FOUND TO BE DECOMMISSIONED AND COULD NOT BE SAMPLED.

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SCALE: 1" = 200'
SHEET SIZE: 11" BY 17"

PROJECT:
MTA LONG ISLAND RAIL ROAD
PERIODIC REVIEW REPORT
MORRIS PARK YARD AND RICHMOND HILL YARD
RICHMOND HILL, NEW YORK

TITLE:
VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER AT CONCENTRATIONS ABOVE CLASS GA VALUES

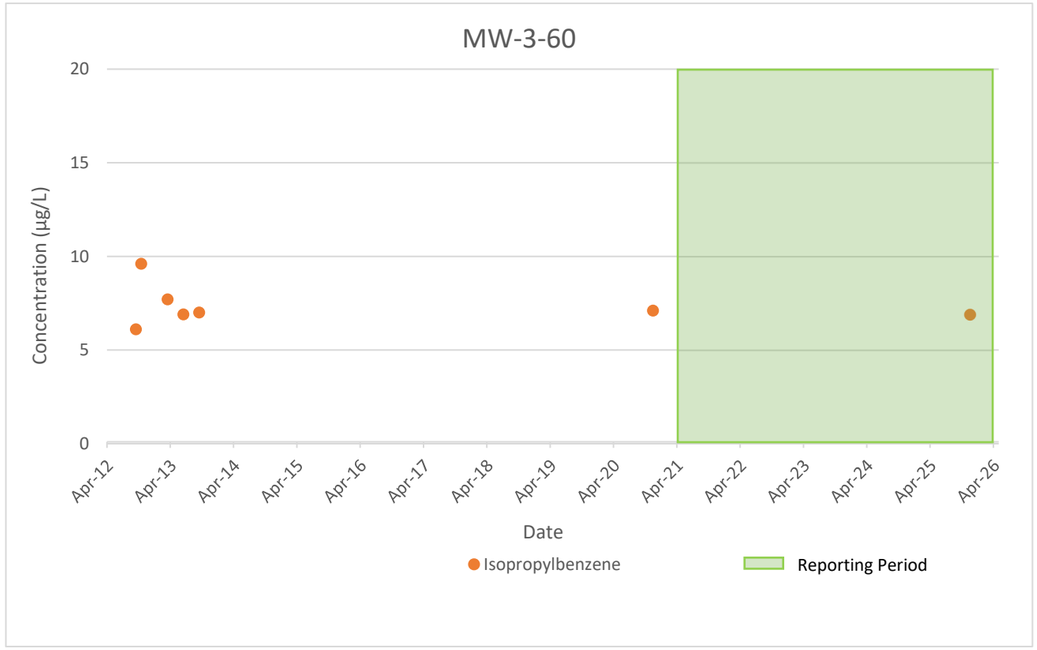
DRAWN BY:	H. DELGADO	PROJ NO.:	639300
CHECKED BY:	C. LAMBERTSON		
APPROVED BY:	D. WARREN		**FIGURE 4**
DATE:	FEBRUARY 2026		

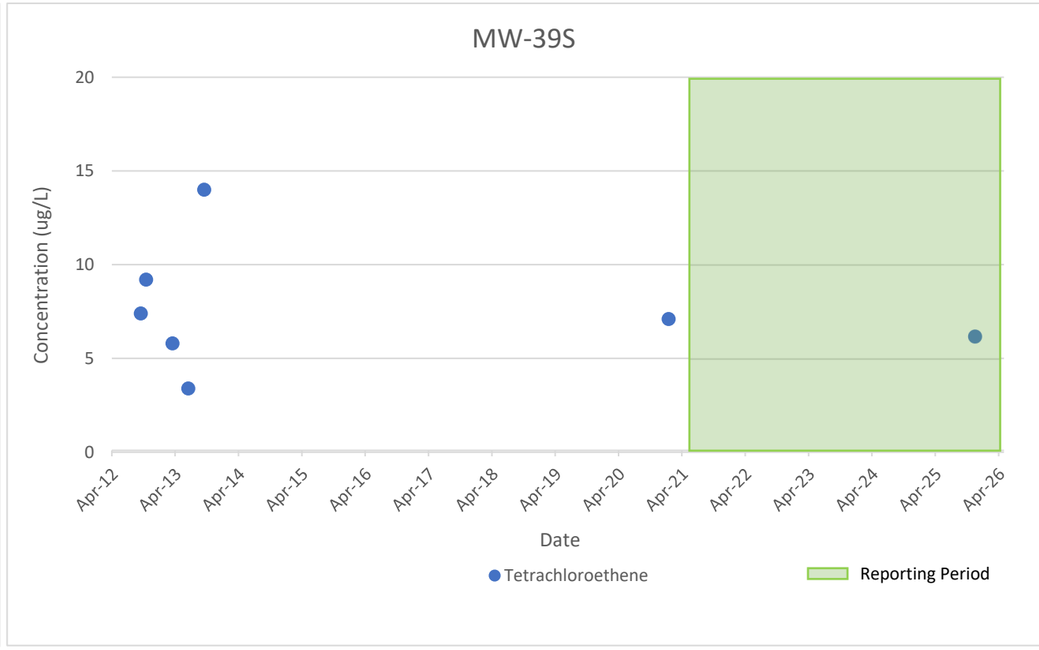
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FILE NO.: Fig 4 - VOC & SVOC in GW at Conc. ACGAV (MPY-RHY).dwg

11x17 -- USER: kDavids -- ATTACHED XREFS: _XY-56-01Base_Topo1; XREF:\\nmc-fp1\Shared\Projects\LIRR On-Call Environmental Services\405164.0000.0000 - Release 8 - MPY-RHY SMP Implementation\PRR\Figures\CAD\ -- ATTACHED IMAGES: EPSG2263_2983001; Water
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Version: 2017-10-21

Figure 5
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards – Site No. 241130
Periodic Review Report
Richmond Hill, Queens, New York
VOC Concentration Trends in Groundwater





Notes

Only VOCs that were detected above Class GA Values in November 2025 are shown.
Groundwater sampling was not performed between September 2013 and November 2020.
µg/L – Micrograms per Liter

Tables

Table 1
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards
Richmond Hill, Queens, New York
Periodic Review Report - Site No. 241130
Volatile Organic Compounds in Groundwater

SAMPLE ID:		MW-3-60		MW-15-60		MW-GF-21R		MW-GF-22		MW-40S		MW-DUP-01 (MW-40S)		MW-39S	
SAMPLE YARD LOCATION:		Morris Park		Morris Park		Morris Park		Morris Park		Richmond Hill		Richmond Hill		Richmond Hill	
LABORATORY SAMPLE ID:		AD56733-003		AD56733-004		AD56733-005		AD56733-006		AD56733-007		AD56733-010		AD56733-011	
DATE SAMPLE COLLECTED:		11/25/2025		11/25/2025		11/25/2025		11/25/2025		11/26/2025		11/26/2025		11/26/2025	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
1,1,-Trichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,4-Trichlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane	0.04	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromoethane	0.0006	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichloropropene (Total)	0.4[1]	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene	3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dioxane	0.35	50	U	50	U	50	U	50	U	50	U	50	U	50	U
2-Butanone (MEK)	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone (MIBK)	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Acetone	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	1	0.81		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromochloromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	50	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon disulfide	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	1.0	U	1.0	U	1.3		1.0	U	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	0.4[1]	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyclohexane	NC	2.5		1.0	U	1.8		1.0	U	1.0	U	1.0	U	1.0	U
Dibromochloromethane	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 1
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards
Richmond Hill, Queens, New York
Periodic Review Report - Site No. 241130
Volatile Organic Compounds in Groundwater

SAMPLE ID:		MW-3-60		MW-15-60		MW-GF-21R		MW-GF-22		MW-40S		MW-DUP-01 (MW-40S)		MW-39S	
SAMPLE YARD LOCATION:		Morris Park		Morris Park		Morris Park		Morris Park		Richmond Hill		Richmond Hill		Richmond Hill	
LABORATORY SAMPLE ID:		AD56733-003		AD56733-004		AD56733-005		AD56733-006		AD56733-007		AD56733-010		AD56733-011	
DATE SAMPLE COLLECTED:		11/25/2025		11/25/2025		11/25/2025		11/25/2025		11/26/2025		11/26/2025		11/26/2025	
VOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Isopropylbenzene	5	**6.9**		1.0	U	1.0	U	1.0	U	4.8		4.9		1.0	U
m-Xylene & p-Xylene	5[2]	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl acetate	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylcyclohexane	NC	5.0		1.0	U	1.9		1.0	U	1.0	U	1.0	U	1.0	U
Methylene Chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methyl tert-butyl ether	10	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U
o-Xylene	5[2]	1.1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5	1.0	U	1.0	U	1.0	U	2.3		1.0	U	1.0	U	**6.2**	
Toluene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4[1]	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	
Trichlorofluoromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Xylenes, Total	5[2]	1.1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

Notes

[1] - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.

[2] - There is no GA value for total xylenes. The standards for o-xylene, m-xylene, and p-xylene is 5 µg/L.

Class GA Value - New York State Class GA Groundwater Standard or Guidance Value published in the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values.

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

U - Non-detect
µg/L - micrograms per liter

Table 2
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards
Richmond Hill, Queens, New York
Periodic Review Report - Site No. 2441130
Semivolatile Organic Compounds in Groundwater

SAMPLE ID:		**MW-3-60**		**MW-15-60**		**MW-GF-21R**		**MW-GF-22**		**MW-40S**		**MW-DUP-01 (MS-40S)**		**MW-39S**	
SAMPLE YARD LOCATION:		Morris Park		Morris Park		Morris Park		Morris Park		Richmond Hill		Richmond Hill		Richmond Hill	
LABORATORY SAMPLE ID:		AD56733-003		AD56733-004		AD56733-005		AD56733-006		AD56733-007		AD56733-010		AD56733-011	
DATE SAMPLE COLLECTED:		11/25/2025		11/25/2025		11/25/2025		11/25/2025		11/26/2025		11/26/2025		11/26/2025	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
1,1'-Biphenyl	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
1,2,4,5-Tetrachlorobenzene	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
1,4-Dioxane	0.35	0.49	U	0.48	U	0.53	U	0.54	U	0.49	U	0.49	U	0.49	U
2,3,4,6-Tetrachlorophenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2,4,5-Trichlorophenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2,4,6-Trichlorophenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2,4-Dichlorophenol	5	0.49	U	0.48	U	0.53	U	0.54	U	0.49	U	0.49	U	0.49	U
2,4-Dimethylphenol	50	1.2	U	1.2	U	1.3	U	1.3	U	1.2	U	1.2	U	1.2	U
2,4-Dinitrophenol	10	9.7	U	9.5	U	11	U	11	U	9.7	U	9.7	U	9.7	U
2,4-Dinitrotoluene	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2,6-Dinitrotoluene	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2-Chloronaphthalene	10	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2-Chlorophenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2-Methylnaphthalene	NC	58		1.9	U	2.1	U	2.2	U	4.7		4.7		1.9	U
2-Methylphenol	NC	0.57	U	0.56	U	0.62	U	0.63	U	0.57	U	0.57	U	0.57	U
2-Nitroaniline	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
2-Nitrophenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
3&4-Methylphenol	5	0.53	U	0.52	U	0.57	U	0.59	U	0.53	U	0.53	U	0.53	U
3,3'-Dichlorobenzidine	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
3-Nitroaniline	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
4,6-Dinitro-2-methylphenol	NC	9.7	U	9.5	U	11	U	11	U	9.7	U	9.7	U	9.7	U
4-Bromophenyl phenyl ether	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
4-Chloro-3-methylphenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
4-Chloroaniline	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
4-Chlorophenyl phenyl ether	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
4-Nitroaniline	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
4-Nitrophenol	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Acenaphthene	20	12		1.9	U	2.4		2.2	U	8.4		10		1.9	U
Acenaphthylene	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Acetophenone	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Anthracene	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Atrazine	7.5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Benzaldehyde	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Benzo[a]anthracene	0.002	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Benzo[a]pyrene	NC[1]	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Benzo[b]fluoranthene	0.002	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Benzo[g,h,i]perylene	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Benzo[k]fluoranthene	0.002	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Bis(2-chloroethoxy)methane	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Bis(2-chloroethyl)ether	1	0.49	U	0.48	U	0.53	U	0.54	U	0.49	U	0.49	U	0.49	U
Bis(2-Chloroisopropyl)ether	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U

Table 2
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards
Richmond Hill, Queens, New York
Periodic Review Report - Site No. 2441130
Semivolatile Organic Compounds in Groundwater

SAMPLE ID:		**MW-3-60**		**MW-15-60**		**MW-GF-21R**		**MW-GF-22**		**MW-40S**		**MW-DUP-01 (MS-40S)**		**MW-39S**	
SAMPLE YARD LOCATION:		Morris Park		Morris Park		Morris Park		Morris Park		Richmond Hill		Richmond Hill		Richmond Hill	
LABORATORY SAMPLE ID:		AD56733-003		AD56733-004		AD56733-005		AD56733-006		AD56733-007		AD56733-010		AD56733-011	
DATE SAMPLE COLLECTED:		11/25/2025		11/25/2025		11/25/2025		11/25/2025		11/26/2025		11/26/2025		11/26/2025	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	Class GA Value (µg/L)	Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)		Results (µg/L)	
Bis(2-ethylhexyl) phthalate	5	2.0		1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Butyl benzyl phthalate	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Caprolactam	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Carbazole	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Chrysene	0.002	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Dibenz(a,h)anthracene	NC	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Dibenzofuran	NC	8.0		1.9	U	2.1	U	2.2	U	5.4		6.6		1.9	U
Diethyl phthalate	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Dimethyl phthalate	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Di-n-butyl phthalate	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Di-n-octyl phthalate	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Fluoranthene	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Fluorene	50	16		1.9	U	3.6		2.2	U	9.6		13		1.9	U
Hexachlorobenzene	0.04	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Hexachlorobutadiene	0.5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Hexachlorocyclopentadiene	5	6.2	U	6.1	U	6.8	U	6.9	U	6.2	U	6.2	U	6.2	U
Hexachloroethane	5	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Indeno[1,2,3-cd]pyrene	0.002	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Isophorone	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Naphthalene	10	6.0		8.2		2.1	U	2.2	U	4.7		1.9	U	2.7	
Nitrobenzene	0.4	0.55	U	0.54	U	0.60	U	0.61	U	0.55	U	0.55	U	0.55	U
N-Nitrosodi-n-propylamine	NC	0.49	U	0.48	U	0.53	U	0.54	U	0.49	U	0.49	U	0.49	U
N-Nitrosodiphenylamine	50	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Pentachlorophenol	1[(2)]	9.7	U	9.5	U	11	U	11	U	9.7	U	9.7	U	9.7	U
Phenanthrene	50	18		1.9	U	2.1	U	2.2	U	8.4		13		1.9	U
Phenol	1[(2)]	1.9	U	1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U
Pyrene	50	2.0		1.9	U	2.1	U	2.2	U	1.9	U	1.9	U	1.9	U

Notes
[(1)] - Benzo(a)pyrene exceedance is any concentration above the detection limit.
[(2)] - The Class GA Value of 1 ug/L for phenols applies to the sum of pentachlorophenol and phenol.

Class GA Value - New York State Class GA Groundwater Standard or Guidance Value published in the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values.

NC - No criterion

Shaded and **bold** results exceed the corresponding Class GA Value.

U - Non-detect
µg/L - micrograms per liter

Table 3
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards
Richmond Hill, Queens, New York
Periodic Review Report - Site No. 241130
Volatile Organic Compounds in Indoor and Ambient Air

								SAMPLE NAME	TRC-IA-11		TRC-IA-12		TRC-AA--01	
								LAB ID NO.	L2576049-01		L2576049-02		L2576049-03	
								DATE SAMPLE COLLECTED	11/25/2025		11/25/2025		11/25/2025	
								MATRIX	INDOOR AIR		INDOOR AIR		AMBIENT AIR	
	Published Background Concentrations						NYSDEC							
	NYSDOH Fuel Oil 2003 Upper Fence Limit[1]		USEPA BASE Data 90th Percentile Value[1]		HEI RIOPA 2005 95th Percentile Value[1]		Maximum Ambient	NYSDOH						
VOLATILE ORGANIC COMPOUND (µg/m^3)	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	VOCs[2]	AGV[3]	Result		Result		Result	
1,1,2,2-Tetrachloroethane	0.4	2.5	<0.25	20.6	--	--	--	--	1.37	U	1.37	U	1.37	U
1,1,1-Trichloroethane	0.6	2.5	2.6	20.6	--	--	--	--	0.109	U	0.109	U	0.109	U
1,1,2-Trichloroethane	0.3	0.4	<1.6	<1.5	--	--	--	--	1.09	U	1.09	U	1.09	U
1,1-Dichloroethane	--	0.4	<0.6	<0.7	--	--	0.028	--	0.809	U	0.809	U	0.809	U
1,1-Dichloroethene	0.40	0.4	<1.4	<1.4	--	--	0.016	--	0.079	U	0.079	U	0.079	U
1,2,4-Trichlorobenzene	0.40	0.5	<6.4	<6.8	--	--	--	--	1.48	U	1.48	U	1.48	U
1,2,4-Trimethylbenzene	1.9	9.8	5.8	9.5	--	--	0.51	--	1.22		1.49		0.983	U
1,2-Dibromoethane	0.40	0.4	<1.6	<1.5	--	--	--	--	1.54	U	1.54	U	1.54	U
1,2-Dichlorobenzene	0.4	0.5	<1.2	<1.2	--	--	0.04	--	1.20	U	1.20	U	1.20	U
1,2-Dichloroethane	0.40	0.4	<0.8	<0.9	--	--	--	--	0.809	U	0.809	U	0.809	U
1,2-Dichloropropane	0.40	0.4	<1.6	<1.6	--	--	0.05	--	0.924	U	0.924	U	0.924	U
1,3,5-Trimethylbenzene	0.70	3.9	2.7	3.7	--	--	0.13	--	0.983	U	0.983	U	0.983	U
1,3-Butadiene		0.5	--	--	--	--	--	--	0.442	U	0.442	U	0.442	U
1,3-Dichlorobenzene	0.40	0.5	<2.2	<2.4	--	--	0.04	--	1.20	U	1.20	U	1.20	U
1,4-Dichlorobenzene	0.50	1.2	1.2	5.5	--	--	--	--	1.20	U	1.20	U	1.20	U
1,4-Dioxane	--	--	--	--	--	--	--	--	0.721	U	0.721	U	0.721	U
2,2,4-Trimethylpentane	0.7	5.0	--	--	--	--	--	--	2.43		2.34		0.934	U
2-Butanone	--	--	11.3	12	--	--	--	--	1.47	U	1.47	U	1.47	U
2-Hexanone	--	--	--	--	--	--	--	--	0.82	U	0.82	U	0.82	U
3-Chloropropene	--	--	--	--	--	--	--	--	0.626	U	0.626	U	0.626	U
4-Ethyltoluene	--	--	--	--	--	--	--	--	0.983	U	0.983	U	0.983	U
4-Methyl-2-pentanone	--	--	1.9	6.0	--	--	--	--	2.05	U	2.05	U	2.05	U
Acetone		115	43.7	98.9	19.6	45.8	--	--	16.5		16.9		5.70	
Benzene	4.8	13	6.6	9.4	5.16	10	0.92	--	1.44		1.39		0.639	U
Benzyl chloride	--	--	<6.4	<6.8	--	--	--	--	1.04	U	1.04	U	1.04	U
Bromodichloromethane	--	--	--	--	--	--	--	--	1.34	U	1.34	U	1.34	U
Bromoform	--	--	--	--	--	--	--	--	2.07	U	2.07	U	2.07	U
Bromomethane	0.5	0.5	<1.6	<1.7	--	--	--	--	0.777	U	0.777	U	0.777	U
Carbon disulfide	--	--	3.7	4.2	--	--	--	--	0.623	U	0.623	U	0.623	U
Carbon tetrachloride	1.2	1.3	0.7	<1.3	1.0	1.1	0.69	--	0.447		0.472		0.453	
Chlorobenzene	--	0.4	<0.8	<0.9	--	--	0.03	--	0.921	U	0.921	U	0.921	U
Chloroethane	0.4	0.4	<1.2	<1.1	--	--	0.03	--	0.528	U	0.528	U	0.528	U
Chloroform	0.5	1.2	0.6	1.1	0.76	6.34	--	--	0.977	U	0.977	U	0.977	U
Chloromethane	4.30	4.2	3.7	3.7	--	--	1.29	--	0.989		1.10		1.01	
cis-1,2-Dichloroethene	0.4	0.4	<1.8	<1.9	--	--	0.06	--	0.079	U	0.079	U	0.079	U
cis-1,3-Dichloropropene	0.40	0.4	<2.2	<2.3	--	--	--	--	0.908	U	0.908	U	0.908	U
Cyclohexane	0.9	6.3	--	--	--	--	--	--	0.812		0.688	U	0.688	U
Dibromochloromethane	--	--	--	--	--	--	--	--	1.70	U	1.70	U	1.70	U
Dichlorodifluoromethane	--	--	8.1	16.5	--	--	--	--	1.85		2.09		2.06	
Ethanol	34	1,300	57	210	--	--	--	--	20.3		23.4		9.42	U
Ethyl Acetate	--	--	1.5	5.4	--	--	--	--	1.80	U	1.80	U	1.80	U

Table 3
MTA Long Island Rail Road
Morris Park and Richmond Hill Yards
Richmond Hill, Queens, New York
Periodic Review Report - Site No. 241130
Volatile Organic Compounds in Indoor and Ambient Air

								SAMPLE NAME	TRC-IA-11		TRC-IA-12		TRC-AA--01	
								LAB ID NO.	L2576049-01		L2576049-02		L2576049-03	
								DATE SAMPLE COLLECTED	11/25/2025		11/25/2025		11/25/2025	
								MATRIX	INDOOR AIR		INDOOR AIR		AMBIENT AIR	
	Published Background Concentrations						NYSDEC Maximum Ambient	NYSDOH						
	NYSDOH Fuel Oil 2003 Upper Fence Limit[1]		USEPA BASE Data 90th Percentile Value[1]		HEI RIOPA 2005 95th Percentile Value[1]									
VOLATILE ORGANIC COMPOUND (µg/m^3)	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	VOCs[2]	AGV[3]	Result		Result		Result	
Ethylbenzene	1.0	6.4	3.5	5.7	3.04	7.62	0.44	--	1.17		1.38		0.869	U
Freon-113	--	--	--	--	--	--	--	--	1.53	U	1.53	U	1.53	U
Freon-114	--	--	--	--	--	--	--	--	1.40	U	1.40	U	1.40	U
Heptane	4.50	18	--	--	--	--	--	--	1.17		0.98		0.82	U
Hexachlorobutadiene	0.5	0.5	<6.4	<6.8	--	--	--	--	2.13	U	2.13	U	2.13	U
Isopropanol	--	--	--	--	--	--	--	--	3.49		3.71		2.46	U
Methyl tert butyl ether		14	6.2	11.5	22.1	36	0.03	--	0.721	U	0.721	U	0.721	U
Methylene chloride	1.60	16	6.1	10	2.46	7.5	0.6	60	1.74	U	1.74	U	1.74	U
Naphthalene	--	--	4.9	5.1	--	--	--	--	0.996	U	0.996	U	0.996	U
n-Hexane	2.20	14	6.4	10.2	--	--	--	--	2.72		2.33		0.705	U
o-Xylene	1.20	7.1	4.6	7.9	3.23	7.24	0.46	--	1.07		1.21		0.869	U
p/m-Xylene	1.0	11	12.8	22.2	10.0	22.2	1.26	--	3.87		4.52		1.74	U
Styrene	0.5	1.4	1.3	1.9	1.29	5.13	--	--	0.852	U	0.852	U	0.852	U
Tertiary butyl Alcohol	--	--	--	--	--	--	--	--	1.52	U	1.52	U	1.52	U
Tetrahydrofuran	0.4	0.8	--	--	--	--	--	--	1.47	U	1.47	U	1.47	U
Toluene	5.1	57	33.7	43	19.6	39.8	3.04	--	3.99		4.07		0.889	
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	0.793	U	0.793	U	0.793	U
trans-1,3-Dichloropropene	--	--	<1.4	<1.3	--	--	--	--	0.908	U	0.908	U	0.908	U
Tetrachloroethene	0.70	2.5	6.5	15.9	3.17	6.01	0.58	30	0.197		0.217		0.142	
Trichloroethene	0.40	0.5	1.3	4.2	0.79	1.36	0.07	2	0.586		0.688		0.107	U
Trichlorofluoromethane	5.10	12	4.3	18.1	--	--	--	--	1.12	U	1.12	U	1.12	U
Vinyl bromide	--	--	--	--	--	--	--	--	0.874	U	0.874	U	0.874	U
Vinyl chloride	0.40	0.4	<1.8	<1.9	--	--	0.01	--	0.051	U	0.051	U	0.051	U

Notes:
-- - No criterion
< - Less than
µg/m^3 - Micrograms per cubic meter
U - Non-detect
[1] - Per Appendix C of the Final New York State Department of Health (NYSDOH) Guidance.
[2] - New York State Department of Environmental Conservation (NYSDEC) 2018 Annual VOC Data from Queens College [Site #7096-15, Queens County].
[3] - NYSDOH Air Guideline Values (AGV).
BASE - Building Assessment and Survey Evaluation
US EPA - US Environmental Protection Agency
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor, and Personal Air

Appendix A

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 241130

Site Name LIRR - Morris Park Repair

Site Address: 121st Street and Atlantic Avenue Zip Code: 11423
City/Town: Richmond Hill
County: Queens
Site Acreage: 40.933

Reporting Period: March 01, 2021 to March 01, 2026

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

N/A

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☐	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. 241130 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
QN-9375-58	MTA LIRR	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

(1) Submit to Department a periodic certification of IC/EC controls(3); (2)restrict use and development of controlled property to industrial use, subject to local zoning laws; (3) restrict use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; (4) compliance with Department approved Site Management Plan that includes a soil excavation plan, monitoring plan to assess performance and effectiveness of remedy and a O&M plan for mechanical or physical components of the remedy.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
QN-9375-58	Cover System

Maintain the existing site cover system to allow for industrial use of the site. Any site redevelopment will maintain the site cover system.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

N/A

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. 241130

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Robert Bowden (print name) at TRC Engineers, Inc. - 1407 Broadway, Suite 3301, New York, NY 10018 (print business address),

am certifying as Qualified Environmental Professional of Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

RC Bowden — 3/31/26

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Robert Bowden (print name) at TRC Engineers, Inc. - 1407 Broadway, Suite 3301, New York, NY 10018 (print business address),

am certifying as a Qualified Environmental Professional for the MTA Long Island Rail Road (Owner or Remedial Party)



Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
RC Bowden		3/31/26

ENGINEERING AND INSTITUTIONAL CONTROL INSPECTION FORM - 2021

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Morris Park and Richmond Hill Yard

Name of the current property owner(s): Long Island Rail Road

Site Street Address: 189-02 89th Avenue

Municipality (-ies): Richmond Hill County (-ies): Queens

Blocks: 9375

Lots: 6, 58, 350 and portions of 200, 205, and 210

Source information obtained from: Site Management Plan

B. Person responsible for preparing Engineering and Institutional Control Evaluation Form:

Person's Name: Kirsten Myers, P.E.

Person's Title: Senior Project Manager

Company Name: TRC Engineers, Inc.

Relationship to the Site (check as appropriate): Owner _____

Operator _____

Lessee _____ Person Who Conducted the Cleanup _____

Other (describe) Consultant to Owner; Engineer in Charge

Street Address: 1430 Broadway, 10th Floor

City: New York State: NY

Telephone Number: (212) 221-7822

Fax Number: (212) 221-7840

E-mail Address: kmyers@trccompanies.com

C. Case Specific Information (Complete all that apply)

- Site Name: Morris Park Yard and Richmond Hill Yard
- Site Registry Number: 241130
- Date of final Remediation Report and/or Certificate of Completion:
- Name and program of assigned Project Manager at issuance of Environmental Easement:
  Alicia Barraza, Department of Environmnetal Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

The Morris Park Yard portion of the Site consists of a track area, two LIRR-employee platforms, a roundhouse facility equipped with a rail car turntable, an employee facility, a wheel truing facility, a former fueling area, a yard office building, a Bridges and Buildings facility, and several temporary office and equipment storage buildings. The Richmond Hill Yard portion of the Site consists of the Sheridan and Locomotive Shops, an employee facility, a locomotive wash facility, and an exterior track area. In addition, a maintenance building and fueling station are locatedin the eastern portion of the yard.

Existing cover system consists of a combination of concrete/asphalt, ballast, soil areas (track embankments and fenced in storage area), and/or buildings throughout the entire Site surface. The Site is fenced and public access is restricted.

- Describe the current site operations/use. If necessary, attach additional sheets.

The Site is currently owned and operated by the LIRR and is utilized for railway operation and maintenance purposes. The Site is zoned as M-1, which is applicable to light industrial use.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Integrity of existing site cover was observed to be adequate for current site use. Annual inspections to be completed to determine if areas may require additional stone cover and/or asphalt patching as part of normal maintenance.

No signs of trespassing or damaged portions of fencing observed during site inspection.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

Book Number: New York City Identification Number: 2018062800632001

Page Number:

Date the date the Environmental Easement was filed in the office of the county recording officer: July 3, 2018

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

  Yes ____ No X____

  If "Yes", provide an explanation. If necessary, attach additional sheets.

  _____

  _____

  _____

  _____

  _____

B. Evaluation of Engineering and Institutional Controls

1. <u>Zoning or Land Use Changes</u> (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X____ Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):

Non-Residential X____ Residential _____ Agricultural _____ Other _____

c. Has there been an actual or pending zoning or land-use change?

Yes ____ No X____

2. <u>Inspections</u> (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

Yes____No X_____

Date(s) of Disturbance: _____

Duration of Disturbance: Years ____ Months ____ Days ____

Date the NYSDEC was notified: _____

Date Work Plan Approved: _____

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

_____

_____

_____

Name of Contact Person Relative to the Disturbance:

Kathleen Green

Title: Director - Environmental Planning & Compliance

Street Address: 144-41 94th Avenue

City: Jamaica State: NY Zip Code: 11435

Telephone Number: 347.494.6034

Email Address: kgreen@lirr.org

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes ____No x____

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

_____

_____

_____

ENGINEERING AND INSTITUTIONAL CONTROL INSPECTION FORM - 2022

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Morris Park and Richmond Hill Yard

Name of the current property owner(s): Long Island Rail Road

Site Street Address: 189-02 89th Avenue

Municipality (-ies): Richmond Hill County (-ies): Queens

Blocks: 9375

Lots: 6, 58, 350 and portions of 200, 205, and 210

Source information obtained from: Site Management Plan

B. Person responsible for preparing Engineering and Institutional Control Evaluation Form:

Person's Name: Kirsten Myers, P.E.

Person's Title: Senior Project Manager

Company Name: TRC Engineers, Inc.

Relationship to the Site (check as appropriate): Owner _____

Operator _____

Lessee _____ Person Who Conducted the Cleanup _____

Other (describe) Consultant to Owner; Engineer in Charge

Street Address: 1430 Broadway, 10th Floor

City: New York State: NY

Telephone Number: (212) 221-7822

Fax Number: (212) 221-7840

E-mail Address: kmyers@trccompanies.com

C. Case Specific Information (Complete all that apply)

- Site Name: Morris Park Yard and Richmond Hill Yard
- Site Registry Number: 241130
- Date of final Remediation Report and/or Certificate of Completion:
- Name and program of assigned Project Manager at issuance of Environmental Easement:
  Alicia Barraza, Department of Environmnetal Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

The Morris Park Yard portion of the Site consists of a track area, two LIRR-employee platforms, a roundhouse facility equipped with a rail car turntable, an employee facility, a wheel truing facility, a former fueling area, a yard office building, a Bridges and Buildings facility, and several temporary office and equipment storage buildings. The Richmond Hill Yard portion of the Site consists of the Sheridan and Locomotive Shops, an employee facility, a locomotive wash facility, and an exterior track area. In addition, a maintenance building and fueling station are locatedin the eastern portion of the yard.

Existing cover system consists of a combination of concrete/asphalt, ballast, soil areas (track embankments and fenced in storage area), and/or buildings throughout the entire Site surface. The Site is fenced and public access is restricted.

- Describe the current site operations/use. If necessary, attach additional sheets.

The Site is currently owned and operated by the LIRR and is utilized for railway operation and maintenance purposes. The Site is zoned as M-1, which is applicable to light industrial use.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Integrity of existing site cover was observed to be adequate for current site use. Portions of Site disturbed due to active construction activities. Disturbed areas to be restored to match adjacent cover. Work to be completed in compliance with SMP and documented. Annual inspections to be completed to determine if areas may require additional stone cover and/or asphalt patching as part of normal maintenance.

No signs of trespassing or damaged portions of fencing observed during site inspection.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

Book Number: New York City Identification Number: 2018062800632001

Page Number:

Date the date the Environmental Easement was filed in the office of the county recording officer: July 3, 2018

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

  Yes ____ No X____

  If "Yes", provide an explanation. If necessary, attach additional sheets.

  _____

  _____

  _____

  _____

  _____

B. Evaluation of Engineering and Institutional Controls

1. <u>Zoning or Land Use Changes</u> (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X____ Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):

Non-Residential X____ Residential _____ Agricultural _____ Other _____

c. Has there been an actual or pending zoning or land-use change?

Yes ____ No X____

2. <u>Inspections</u> (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

YesX____No_____

Date(s) of Disturbance: Ongoing at time of inspection

Duration of Disturbance: Years 0___ Months 1___ Days 0___

Date the NYSDEC was notified: 10/6/2022

Date Work Plan Approved: N/A

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

Trenching completed to install utilities. Work conducted as per SMP with CAMP running during intrusive activities.

Name of Contact Person Relative to the Disturbance:

Paul Manske

Title: Deputy Chief Safety Officer - OES

Street Address: 144-41 94th Avenue

City: Jamaica State: NY Zip Code: 11435

Telephone Number: 347.494.6027

Email Address: plmansk@lirr.org

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes ____ No x

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____ No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

ENGINEERING AND INSTITUTIONAL CONTROL INSPECTION FORM - 2023

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Morris Park and Richmond Hill Yard

Name of the current property owner(s): Long Island Rail Road

Site Street Address: 189-02 89th Avenue

Municipality (-ies): Richmond Hill County (-ies): Queens

Blocks: 9375

Lots: 6, 58, 350 and portions of 200, 205, and 210

Source information obtained from: Site Management Plan

B. Person responsible for preparing Engineering and Institutional Control Evaluation Form:

Person's Name: Kirsten Myers, P.E.

Person's Title: Senior Project Manager

Company Name: TRC Engineers, Inc.

Relationship to the Site (check as appropriate): Owner _____

Operator _____

Lessee _____ Person Who Conducted the Cleanup _____

Other (describe) Consultant to Owner; Engineer in Charge

Street Address: 1407 Broadway, Ste. 3301

City: New York State: NY

Telephone Number: (212) 221-7822

Fax Number: (212) 221-7840

E-mail Address: kmyers@trccompanies.com

C. Case Specific Information (Complete all that apply)

- Site Name: Morris Park Yard and Richmond Hill Yard
- Site Registry Number: 241130
- Date of final Remediation Report and/or Certificate of Completion:
- Name and program of assigned Project Manager at issuance of Environmental Easement:
  Alicia Barraza, Department of Environmnetal Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

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Existing cover system consists of a combination of concrete/asphalt, ballast, soil areas (track embankments and fenced in storage area), and/or buildings throughout the entire Site surface. The Site is fenced and public access is restricted.

- Describe the current site operations/use. If necessary, attach additional sheets.

The Site is currently owned and operated by the LIRR and is utilized for railway operation and maintenance purposes. The Site is zoned as M-1, which is applicable to light industrial use.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Integrity of existing site cover was observed to be adequate for current site use. Portions of Site disturbed due to active construction activities. Disturbed areas to be restored to match adjacent cover. Work to be completed in compliance with SMP and documented. Annual inspections to be completed to determine if areas may require additional stone cover and/or asphalt patching as part of normal maintenance.

No signs of trespassing or damaged portions of fencing observed during site inspection.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

Book Number: New York City Identification Number: 2018062800632001

Page Number:

Date the date the Environmental Easement was filed in the office of the county recording officer: July 3, 2018

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

Yes ____ No X____

If "Yes", provide an explanation. If necessary, attach additional sheets.

_____

_____

_____

_____

_____

B. Evaluation of Engineering and Institutional Controls

1. <u>Zoning or Land Use Changes</u> (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X___ Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):

Non-Residential X___ Residential _____ Agricultural _____ Other _____

c. Has there been an actual or pending zoning or land-use change?

Yes ____ No X___

2. <u>Inspections</u> (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

YesX___No_____

Date(s) of Disturbance: Ongoing at time of inspection

Duration of Disturbance: Years 0___ Months 6___ Days 0___

Date the NYSDEC was notified: 6/22/2023

Date Work Plan Approved: N/A

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

Trenching completed to install utilities. Work conducted as per SMP with CAMP running during intrusive activities.

Name of Contact Person Relative to the Disturbance:

Paul Manske

Title: Deputy Chief Safety Officer - OES

Street Address: 144-41 94th Avenue

City: Jamaica State: NY Zip Code: 11435

Telephone Number: 347.494.6027

Email Address: plmansk@lirr.org

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes ____ No x

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____ No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

ENGINEERING AND INSTITUTIONAL CONTROL INSPECTION FORM

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Morris Park and Richmond Hill Yard

Name of the current property owner(s): Long Island Rail Road

Site Street Address: 189-02 89th Avenue

Municipality (-ies): Richmond Hill County (-ies): Queens

Blocks: 9375

Lots: 6, 58, 350 and portions of 200, 205, and 210

Source information obtained from: Site Management Plan

B. Person responsible for preparing Engineering and Institutional Control Evaluation Form:

Person's Name: Kirsten Myers, P.E.

Person's Title: Senior Project Manager

Company Name: TRC Engineers, Inc.

Relationship to the Site (check as appropriate): Owner _____

Operator _____

Lessee _____ Person Who Conducted the Cleanup _____

Other (describe) Consultant to Owner; Engineer in Charge

Street Address: 1407 Broadway, Ste. 3301

City: New York State: NY

Telephone Number: (212) 221-7822

Fax Number: (212) 221-7840

E-mail Address: kmyers@trccompanies.com

C. Case Specific Information (Complete all that apply)

- Site Name: Morris Park Yard and Richmond Hill Yard
- Site Registry Number: 241130
- Date of final Remediation Report and/or Certificate of Completion:
- Name and program of assigned Project Manager at issuance of Environmental Easement:
  Alicia Barraza, Department of Environmnetal Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

The Morris Park Yard portion of the Site consists of a track area, two LIRR-employee platforms, a roundhouse facility equipped with a rail car turntable, an employee facility, a wheel truing facility, a former fueling area, a yard office building, a Bridges and Buildings facility, and several temporary office and equipment storage buildings. The Richmond Hill Yard portion of the Site consists of the Sheridan and Locomotive Shops, an employee facility, a locomotive wash facility, and an exterior track area. In addition, a maintenance building and fueling station are locatedin the eastern portion of the yard.

Existing cover system consists of a combination of concrete/asphalt, ballast, soil areas (track embankments and fenced in storage area), and/or buildings throughout the entire Site surface. The Site is fenced and public access is restricted.

- Describe the current site operations/use. If necessary, attach additional sheets.

The Site is currently owned and operated by the LIRR and is utilized for railway operation and maintenance purposes. The Site is zoned as M-1, which is applicable to light industrial use.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Integrity of existing site cover was observed to be adequate for current site use. Annual inspections to be completed to determine if areas may require additional stone cover and/or asphalt patching as part of normal maintenance. No signs of trespasssing or damaged portions of fencing observed during site inspection.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

Book Number: New York City Identification Number: 2018062800632001

Page Number: _____

Date the date the Environmental Easement was filed in the office of the county recording officer: July 3, 2018

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

Yes ____ No X____

If "Yes", provide an explanation. If necessary, attach additional sheets.

_____

_____

_____

_____

_____

B. Evaluation of Engineering and Institutional Controls

1. <u>Zoning or Land Use Changes</u> (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X____ Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):

Non-Residential X____ Residential _____ Agricultural _____ Other _____

c. Has there been an actual or pending zoning or land-use change?

Yes ____ No X____

2. <u>Inspections</u> (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

Yes X____No_____

Date(s) of Disturbance: 7/22/24, 9/9-10/24

Duration of Disturbance: Years ____ Months ____ Days X____

Date the NYSDEC was notified: 7/14/24

Date Work Plan Approved: N/A

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

Trenching completed to install utilities. Work conducted as per SMP with CAMP running during INTRUSIVE ACTIVITIES.

Name of Contact Person Relative to the Disturbance:

Karlene Mayerhofer

Title: Chief Program Officer - OES

Street Address: 93-59 183rd Street

City: Hollis State: NY Zip Code: 11423

Telephone Number: 347.494.6029

Email Address: kmayerh@lirr.org

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes ____ No x

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____ No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

ENGINEERING AND INSTITUTIONAL CONTROL INSPECTION FORM

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Morris Park and Richmond Hill Yard

Name of the current property owner(s): Long Island Rail Road

Site Street Address: 189-02 89th Avenue

Municipality (-ies): Richmond Hill County (-ies): Queens

Blocks: 9375

Lots: 6, 58, 350 and portions of 200, 205, and 210

Source information obtained from: Site Management Plan

B. Person responsible for preparing Engineering and Institutional Control Evaluation Form:

Person's Name: Kirsten Myers, P.E.

Person's Title: Senior Project Manager

Company Name: TRC Engineers, Inc.

Relationship to the Site (check as appropriate): Owner _____

Operator _____

Lessee _____ Person Who Conducted the Cleanup _____

Other (describe) Consultant to Owner; Engineer in Charge

Street Address: 1407 Broadway, Ste. 3301

City: New York State: NY

Telephone Number: (212) 221-7822

Fax Number: (212) 221-7840

E-mail Address: kmyers@trccompanies.com

C. Case Specific Information (Complete all that apply)

- Site Name: Morris Park Yard and Richmond Hill Yard
- Site Registry Number: 241130
- Date of final Remediation Report and/or Certificate of Completion:
- Name and program of assigned Project Manager at issuance of Environmental Easement:
  Alicia Barraza, Department of Environmnetal Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

The Morris Park Yard portion of the Site consists of a track area, two LIRR-employee platforms, a roundhouse facility equipped with a rail car turntable, an employee facility, a wheel truing facility, a former fueling area, a yard office building, a Bridges and Buildings facility, and several temporary office and equipment storage buildings. The Richmond Hill Yard portion of the Site consists of the Sheridan and Locomotive Shops, an employee facility, a locomotive wash facility, and an exterior track area. In addition, a maintenance building and fueling station are locatedin the eastern portion of the yard.

Existing cover system consists of a combination of concrete/asphalt, ballast, soil areas (track embankments and fenced in storage area), and/or buildings throughout the entire Site surface. The Site is fenced and public access is restricted.

- Describe the current site operations/use. If necessary, attach additional sheets.

The Site is currently owned and operated by the LIRR and is utilized for railway operation and maintenance purposes. The Site is zoned as M-1, which is applicable to light industrial use.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Integrity of existing site cover was observed to be adequate for current site use. Annual inspections to be completed to determine if areas may require additional stone cover and/or asphalt patching as part of normal maintenance. No signs of trespasssing or damaged portions of fencing observed during site inspection.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

Book Number: New York City Identification Number: 2018062800632001

Page Number: _____

Date the date the Environmental Easement was filed in the office of the county recording officer: July 3, 2018

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

  Yes ____ No X____

  If "Yes", provide an explanation. If necessary, attach additional sheets.

  _____

  _____

  _____

  _____

  _____

B. Evaluation of Engineering and Institutional Controls

1. <u>Zoning or Land Use Changes</u> (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X___ Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):

Non-Residential X___ Residential _____ Agricultural _____ Other _____

c. Has there been an actual or pending zoning or land-use change?

Yes ____ No X___

2. <u>Inspections</u> (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

YesX___No_____

Date(s) of Disturbance: 7/30/2025, 8/1/2025, 8/4/2025, 8/5/2025, 8/6/2025, 8/7/2025, and 8/8/2025

Duration of Disturbance: Years 0___ Months 0___ Days 7___

Date the NYSDEC was notified: July 14, 2025

Date Work Plan Approved: N/A

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

Excavation using mechanical auger to allow the installation of utility poles. A total of 11 utility poles were installed. Excavated material was loaded into soil tote bags, placed on and covered with 6 mil. poly. Visual, olfactory, and instrument-based soil (see attached page)

Name of Contact Person Relative to the Disturbance:

Karlene Mayerhofer

Title: Chief Program Officer - OES

Street Address: 93-59 183rd Street

City: Hollis State: NY Zip Code: 11423

Telephone Number: 347.494.6029

Email Address: kmayerh@lirr.org

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes ____ No x

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____ No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

Engineering and Institutional Control Inspection Form

Date of Inspection: October 23, 2025

Facility: Morris Park and Richmond Hill Yard, 189-02 89 Avenue, Richmond Hill, Queens NY

Owner: Long Island Rail Road (LIRR)

(Continued from Inspection Form)

2. Inspections

Date(s) of Disturbance: __7/31/2025, 8/1/2025, 8/4/2025, 8/5/2025, 8/6/2025, 8/7/2025, and 8/8/2025_____

Duration of Disturbance: Years _0___ Months _0__ Days _7__

Date the NYSDEC was notified: _July 14, 2025_____

Date Work Plan Approved: _Not Applicable

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

Excavation using mechanical auger to allow the installation of utility poles. A total of 11 utility poles were installed. Excavated material was loaded into soil tote bags, placed on and covered with 6 mil. poly. Visual, olfactory, and instrument-based soil screening was performed by a TRC employee under the direction of a New York licensed Professional Engineer (PE). Excavated soils was stockpiled to be chemically tested in accordance with the SMP and disposal facility requirements for on-Site reuse, and/or off-Site disposal. Excavated soils and C&D material (i.e., asphalt and concrete) were segregated.

Date(s) of Disturbance: _Work has not commenced _____

Duration of Disturbance: Years _1___ Months _0___ Days _0___

Date the NYSDEC was notified: _November 11, 2025_____

Date Work Plan Approved: _Not Applicable_____

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

The planned work consists of the restoration and installation of improved paved surfaces (impervious) drive paths and parking, as well as restoration and installation of subsurface stormwater infiltration systems. The total area proposed to be disturbed is approximately 4.5 acres. Visual, olfactory, and instrument-based soil screening will be performed by a TRC employee under

the direction of a New York licensed Professional Engineer (PE). Excavated soils will be stockpiled to be chemically tested in accordance with the SMP and disposal facility requirements for on-Site reuse, and/or off-Site disposal. Excavated soils and C&D material (i.e., asphalt and concrete) were segregated.

Appendix B

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
October 18, 2021

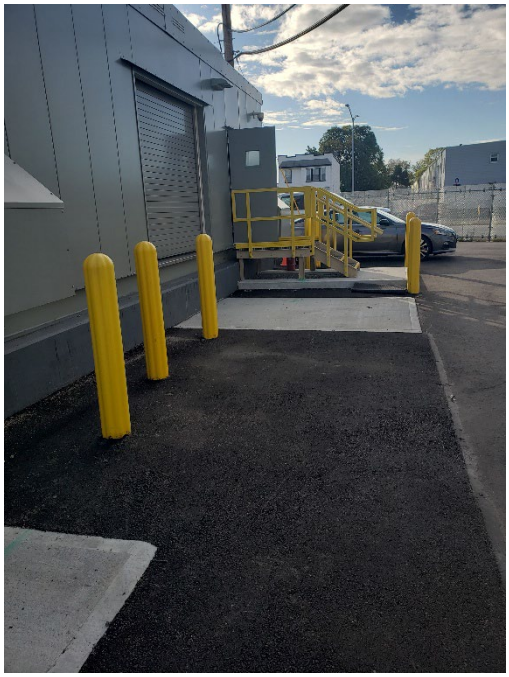


Photo 1: View of typical site cover.



Photo 2: View of typical site cover.



Photo 3: View of typical site cover.

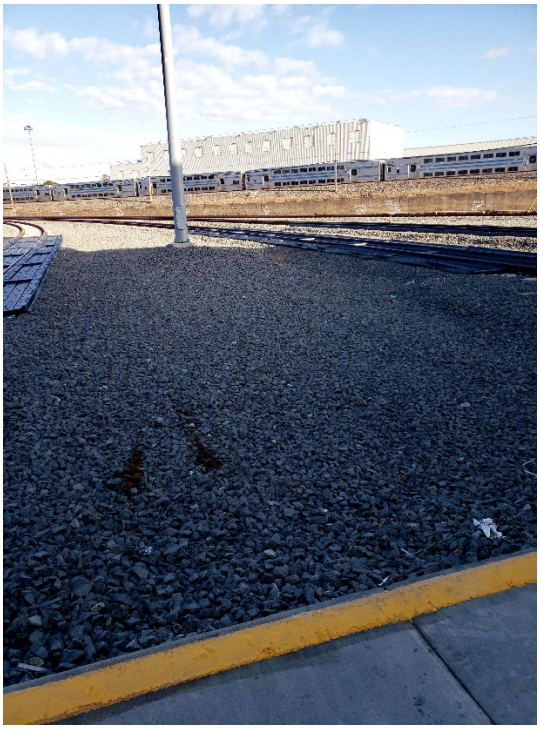


Photo 4: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	1 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
October 18, 2021



Photo 5: View of partially constructed Quonset Hut.



Photo 6: View of typical site cover.



Photo 7: View of locomotive turntable



Photo 8: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	TRC
639300.0000.0000	K. Myers	2 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
November 16, 2022



Photo 1: View of typical site cover.



Photo 2: View of partially constructed Quonset Hut.



Photo 3: View of typical site cover.



Photo 4: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	TRC
639300.0000.0000	K. Myers	1 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
November 16, 2022



Photo 5: View of typical site cover.



Photo 6: View of typical site cover.



Photo 7: View of typical site cover.



Photo 8: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	2 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
December 28, 2023



Photo 1: View of typical site cover.



Photo 2: View of typical site cover.



Photo 3: View of typical site cover.



Photo 4: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	1 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
December 28, 2023



Photo 5: View of typical site cover.



Photo 6: View of typical site cover.



Photo 7: View of typical site cover.



Photo 8: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	2 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
December 6, 2024



Photo 1: View of typical site cover.



Photo 2: View of typical site cover.



Photo 3: View of typical site cover.



Photo 4: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	1 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
December 6, 2024



Photo 5: View of typical site cover.

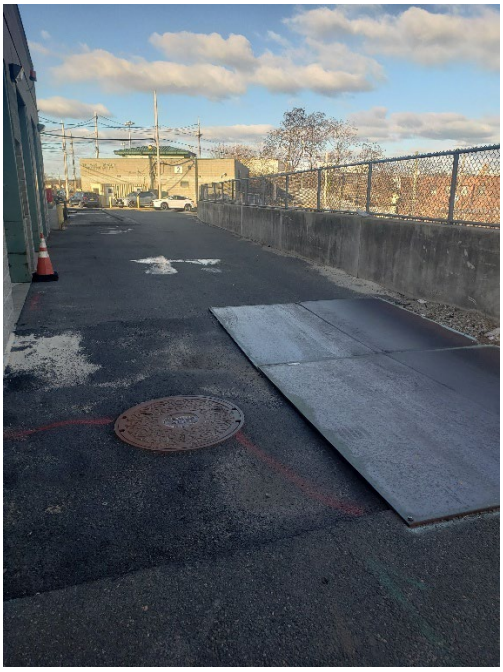


Photo 6: View of typical site cover.



Photo 7: View of typical site cover.



Photo 8: View of constructed Quonset Hut.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	TRC
639300.0000.0000	K. Myers	2 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
October 23, 2025



Photo 1: View of typical site cover.

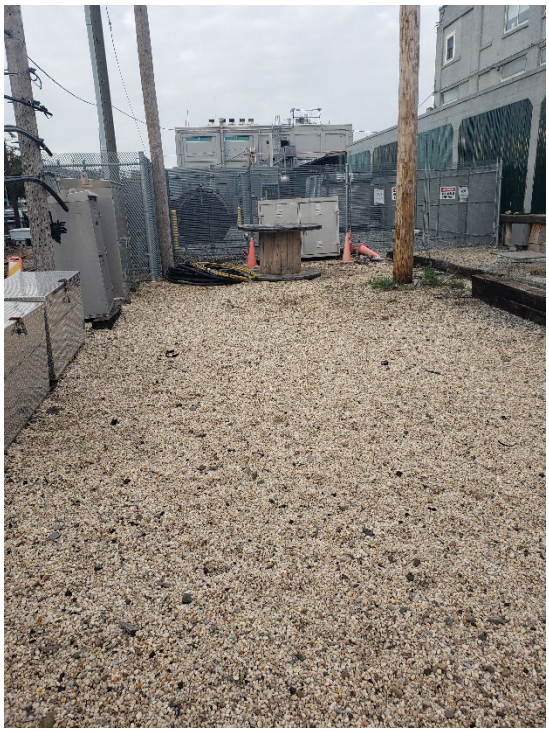


Photo 2: View of typical site cover.

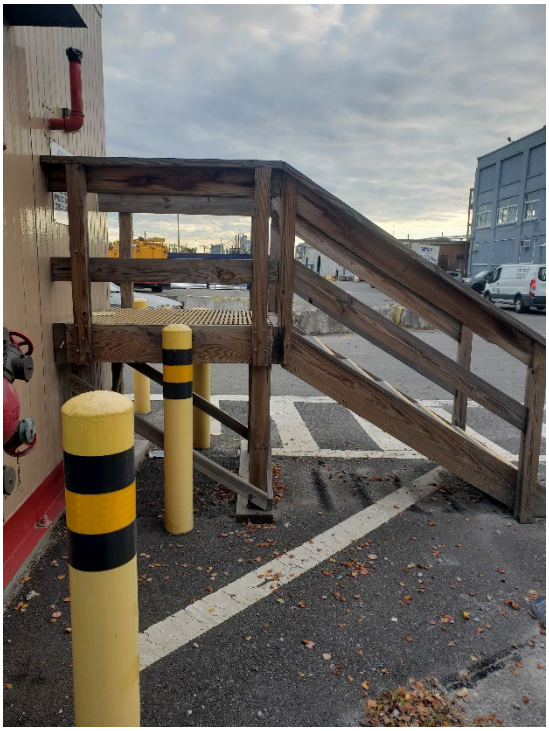


Photo 3: View of typical site cover.

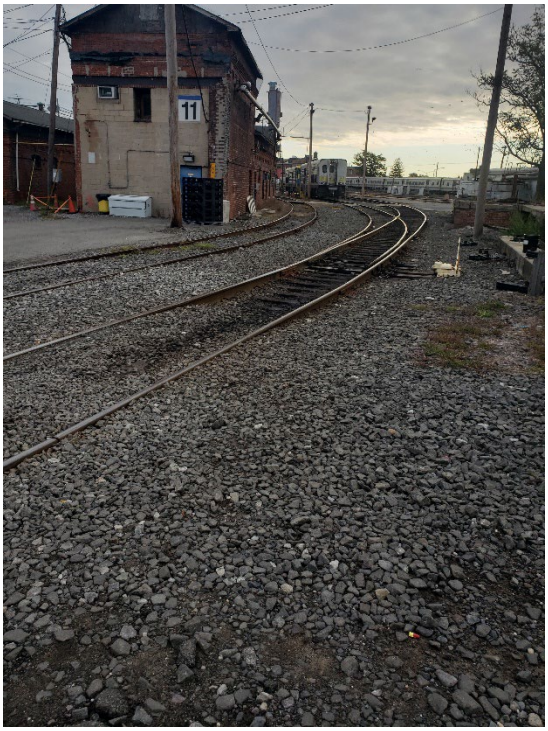


Photo 4: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	1 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Morris Park and Richmond Hill Yards Annual Inspection Photograph Log
October 23, 2025



Photo 5: View of typical site cover.



Photo 6: View of typical site cover.



Photo 7: View of typical site cover.



Photo 8: View of typical site cover.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
639300.0000.0000	K. Myers	2 of 2	Long Island Rail Road	Morris Park and Richmond Hill Yards, Queens, NY	TRC

Appendix C

TRC

Groundwater Sampling Data Record Form

Project: LIRR-MPY	**Project No.:** 689300	**Date/Time:** 11/25/2025 12:30	**Sheet 1 of 6**

TRC Personnel: Joe Mennitti & Sean O'Leary

Well Identification: MW-3-60

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up N/A ft. (from Ground)

WELL DIAMETER: [ ] 2 inch [X] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Well Depth (ft.): 60.93

Depth to Water (ft): 39.44

Reference Point: [ ] top of riser [X] top of casing [ ] _____

[ ] historical measured: [ ] notch [ ] north side [X] high pt [ ] pen mark

Depth of pump intake (ft.): 42

Height of water column (ft.): 21.49

[ ] .16 gal/ft (2 in.) [X] .65 gal/ft (4 in.) [ ] 1.5 gal/ft (6 in.) [ ] ___ gal/ft (__in.)

Volume of Water in Well (gal): 13.79

Total Gallons Purged: 14.03

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.): N/A

Thickness of NAPL (ft.): N/A

PID SCREENING (ppmV)

Background	0.0	
Well Mouth	10.8	(if required)

FIELD WATER QUALITY MEASUREMENTS

Time	12:40	12:45	12:50	12:55	13:00	13:05	13:10	13:20	13:25
Temp. (C.) - (±10%)	16.40	16.57	16.60	16.61	16.56	16.53	16.55	16.54	16.56
pH (Std.Units) - (± 0.1)	6.47	6.43	6.43	6.41	6.42	6.41	6.42	6.43	6.41
ORP (millivolts) - (± 10)	-113	-124	-126	-125	-127	-124	-125	-126	-124
Conduct.(mS/cm) - (±3%)	1.150	1.160	1.150	1.150	1.160	1.150	1.150	1.160	1.150
Turb. (NTU) - (± 10%)	306.0	112.0	91.4	85.7	75.3	61.0	35.8	28.1	24.6
DO (mg/L) - (± 10%)	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depth to water (ft)	NG	NG	NG	NG	NG	NG	NG	NG	NG
Flow (ml/min)	200	200	200	200	200	200	200	200	200
Comments									
Time									
Temp. (C.) - (±10%)									
pH (Std.Units) - (± 0.1)									
ORP (millivolts) - (± 10)									
Conduct.(mS/cm) - (±3%)									
Turb. (NTU) - (± 10%)									
DO (mg/L) - (± 10%)									
Depth to water (ft)									
Flow (ml/min)									
Comments									

Pump Type	Purge	Sample
Peristaltic Pump		
Submersible Pump		
Bladder Pump	X	X
Bailer:		

Description of Sampling Equipment

Horiba U-52 Water Quality Meter

Oil/Water Interface Probe

QED Micropurge MP15 Control and Power Pack

PID MiniRae

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOCs by 8260	N	HCL	3 x 40ml VOA	13:30	MW-3-60
SVOCs by 8270	N	NA	2 x 1L Amber	13:30	MW-3-60

Remarks: NG - Not gauged

TRC

Groundwater Sampling Data Record Form

Project: LIRR-MPY	**Project No.:** 689300	**Date/Time:** 11/25/2025 11:40	**Sheet 2 of 6**
TRC Personnel: Joe Mennitti & Sean O'Leary			

Well Identification: MW-15-60

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up N/A ft. (from Ground)

WELL DIAMETER: [ ] 2 inch [X] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Reference Point:

[ ]	top of riser	[ ] historical
[X]	top of casing	[ ] measured:
[ ]	_____	[ ] notch
		[ ] north side
		[X] high pt
		[ ] pen mark

Well Depth (ft.):	61.91
Depth to Water (ft):	39.92

Depth of pump intake (ft.): 42

[ ]	.16 gal/ft (2 in.)
[X]	.65 gal/ft (4 in.)
[ ]	1.5 gal/ft (6 in.)
[ ]	___ gal/ft (__in.)

Height of water column (ft.):	21.99
Volume of Water in Well (gal):	14.01
Total Gallons Purged:	14.36

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	N/A

PID SCREENING (ppmV)

Background	0.0	
Well Mouth	1.5	(if required)

FIELD WATER QUALITY MEASUREMENTS

Time	11:45	11:50	11:55	12:00	12:05	12:10	12:15		
Temp. (C.) - (±10%)	16.07	16.52	16.59	16.62	16.63	16.63	16.62		
pH (Std.Units) - (± 0.1)	6.40	6.57	6.59	6.61	6.59	6.60	6.59		
ORP (millivolts) - (± 10)	-78	-124	-132	-135	-137	-138	-140		
Conduct.(mS/cm) - (±3%)	1.120	1.290	1.300	1.300	1.300	1.300	1.300		
Turb. (NTU) - (± 10%)	17.2	0.0	0.0	0.0	0.0	0.0	0.0		
DO (mg/L) - (± 10%)	2.29	0.00	0.00	0.00	0.00	0.00	0.00		
Depth to water (ft)	NG	NG	NG	NG	NG	NG	NG		
Flow (ml/min)	200	200	200	200	200	200	200		
Comments									
Time									
Temp. (C.) - (±10%)									
pH (Std.Units) - (± 0.1)									
ORP (millivolts) - (± 10)									
Conduct.(mS/cm) - (±3%)									
Turb. (NTU) - (± 10%)									
DO (mg/L) - (± 10%)									
Depth to water (ft)									
Flow (ml/min)									
Comments									

Pump Type	Purge	Sample
Peristaltic Pump		
Submersible Pump		
Bladder Pump	X	X
Bailer:		

Description of Sampling Equipment

Horiba U-52 Water Quality Meter

Oil/Water Interface Probe

QED Micropurge MP15 Control and Power Pack

PID MiniRae

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOCs by 8260	N	HCL	3 x 40ml VOA	12:20	MW-15-60
SVOCs by 8270	N	NA	2 x 1L Amber	12:20	MW-15-60

Remarks: NG - Not gauged

TRC

Groundwater Sampling Data Record Form

Project: LIRR-MPY	Project No.: 689300	Date/Time: 11/25/2025 10:30	Sheet 3 of 6

TRC Personnel: Joe Mennitti & Sean O'Leary

Well Identification: MW-GF-21R

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up N/A ft. (from Ground)

WELL DIAMETER: [ ] 2 inch [X] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Well Depth (ft.): 49.50

Depth to Water (ft): 38.36

Reference Point: [ ] top of riser [X] top of casing [ ] _____ | [ ] historical [ ] measured: [ ] notch [ ] north side [X] high pt [ ] pen mark

Depth of pump intake (ft.): 41

Height of water column (ft.): 11.14

[ ] .16 gal/ft (2 in.) [X] .65 gal/ft (4 in.) [ ] 1.5 gal/ft (6 in.) [ ] ___ gal/ft (__in.)

Volume of Water in Well (gal): 11.20

Total Gallons Purged: 7.27

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.): N/A

Thickness of NAPL (ft.): N/A

PID SCREENING (ppmV)

Background	0.0	
Well Mouth	0.0	(if required)

FIELD WATER QUALITY MEASUREMENTS

Time	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	
Temp. (C.) - (±10%)	16.09	16.50	16.49	16.53	16.48	16.52	16.53	16.51	
pH (Std.Units) - (± 0.1)	6.33	6.45	6.42	6.44	6.44	6.46	6.45	6.46	
ORP (millivolts) - (± 10)	-95	-121	-123	-124	-119	-116	-117	-118	
Conduct.(mS/cm) - (±3%)	0.881	0.988	0.990	0.987	0.985	0.977	0.975	0.975	
Turb. (NTU) - (± 10%)	210	51.1	40.7	34.6	2.6	0.0	0.0	0.0	
DO (mg/L) - (± 10%)	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Depth to water (ft)	NG	NG	NG	NG	NG	NG	NG	NG	
Flow (ml/min)	200	200	200	200	200	200	200	200	
Comments									
Time									
Temp. (C.) - (±10%)									
pH (Std.Units) - (± 0.1)									
ORP (millivolts) - (± 10)									
Conduct.(mS/cm) - (±3%)									
Turb. (NTU) - (± 10%)									
DO (mg/L) - (± 10%)									
Depth to water (ft)									
Flow (ml/min)									
Comments									

Pump Type	Purge	Sample
Peristaltic Pump		
Submersible Pump		
Bladder Pump	X	X
Bailer:		

Description of Sampling Equipment

Horiba U-52 Water Quality Meter

Oil/Water Interface Probe

QED Micropurge MP15 Control and Power Pack

PID MiniRae

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOCs by 8260	N	HCL	3 x 40ml VOA	11:10	MW-GF-21R
SVOCs by 8270	N	NA	2 x 1L Amber	11:10	MW-GF-21R

Remarks: NG - Not gauged

TRC

Groundwater Sampling Data Record Form

Project: LIRR-MPY	**Project No.:** 689300	**Date/Time:** 11/25/2025 9:00	**Sheet 4 of 6**

TRC Personnel: Joe Mennitti & Sean O'Leary

Well Identification: MW-GF-22

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up N/A ft. (from Ground)

WELL DIAMETER: [ ] 2 inch [X] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Reference Point: [ ] top of riser [X] top of casing [ ] _____

[ ] historical [ ] measured: [ ] notch [ ] north side [X] high pt [ ] pen mark

Well Depth (ft.): 47.65

Depth to Water (ft): 37.69

Depth of pump intake (ft.): 40

Height of water column (ft.): 9.96

[ ] .16 gal/ft (2 in.) [X] .65 gal/ft (4 in.) [ ] 1.5 gal/ft (6 in.) [ ] ___ gal/ft (__in.)

PID SCREENING (ppmV)

Background	0.0	
Well Mouth	0.0	(if required)

Volume of Water in Well (gal): 10.78

Total Gallons Purged: 6.50

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.): N/A

Thickness of NAPL (ft.): N/A

FIELD WATER QUALITY MEASUREMENTS

Time	9:10	9:20	9:25	9:30	9:35	9:40	9:45	9:50	9:55
Temp. (C.) - (±10%)	14.53	15.53	15.68	15.68	15.70	15.71	15.74	15.75	15.76
pH (Std.Units) - (± 0.1)	5.80	5.78	5.74	5.73	5.72	5.74	5.76	5.74	5.75
ORP (millivolts) - (± 10)	166	194	192	196	192	195	191	192	192
Conduct.(mS/cm) - (±3%)	0.258	0.259	0.238	0.242	0.255	0.267	0.276	0.277	0.277
Turb. (NTU) - (± 10%)	402.0	880.0	596.0	334.0	243.0	175.0	114.0	78.4	45.2
DO (mg/L) - (± 10%)	1.90	1.16	0.91	0.34	0.06	0.00	0.00	0.00	0.00
Depth to water (ft)	NG	NG	NG	NG	NG	NG	NG	NG	NG
Flow (ml/min)	200	200	200	200	200	200	200	200	200
Comments									
Time	10:00	10:05							
Temp. (C.) - (±10%)	15.76	15.74							
pH (Std.Units) - (± 0.1)	5.74	5.75							
ORP (millivolts) - (± 10)	191	192							
Conduct.(mS/cm) - (±3%)	0.278	0.276							
Turb. (NTU) - (± 10%)	35.8	31.4							
DO (mg/L) - (± 10%)	0.00	0.00							
Depth to water (ft)	NG	NG							
Flow (ml/min)	200	200							
Comments									

Pump Type	Purge	Sample
Peristaltic Pump		
Submersible Pump		
Bladder Pump	X	X
Bailer:		

Description of Sampling Equipment

Horiba U-52 Water Quality Meter

Oil/Water Interface Probe

QED Micropurge MP15 Control and Power Pack

PID MiniRae

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOCs by 8260	N	HCL	3 x 40ml VOA	10:05	MW-GF-22
SVOCs by 8270	N	NA	2 x 1L Amber	10:05	MW-GF-22

Remarks:

NG - Not gauged

At 0910, the CO2 container was replaced and restarted.

TRC

Groundwater Sampling Data Record Form

Project: LIRR-MPY	**Project No.:** 689300	**Date/Time:** 11/26/2025 8:50	**Sheet 5 of 6**

TRC Personnel: Joe Mennitti & Sean O'Leary

Well Identification: MW-40S

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up N/A ft. (from Ground)

WELL DIAMETER: [ ] 2 inch [X] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Reference Point:

[ ]	historical
[ ]	measured:
[ ]	notch
[ ]	north side
[X]	high pt
[ ]	pen mark

[ ] top of riser [X] top of casing [ ] _____

Well Depth (ft.):	61.08
Depth to Water (ft):	48.41

Depth of pump intake (ft.): 51

[ ]	.16 gal/ft (2 in.)
[X]	.65 gal/ft (4 in.)
[ ]	1.5 gal/ft (6 in.)
[ ]	___ gal/ft (__in.)

Height of water column (ft.): 12.67

PID SCREENING (ppmV)

Background	0.0	
Well Mouth	35.8	(if required)

Volume of Water in Well (gal):	13.82
Total Gallons Purged:	8.27

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.):		N/A
Thickness of NAPL (ft.):		N/A

FIELD WATER QUALITY MEASUREMENTS

Time	8:55	9:00	9:05	9:10	9:15	9:20	9:25		
Temp. (C.) - (±10%)	16.43	17.14	17.24	17.27	17.30	17.32	17.32		
pH (Std.Units) - (± 0.1)	6.56	6.56	6.58	6.58	6.58	6.54	6.56		
ORP (millivolts) - (± 10)	-111	-126	-130	-132	-132	-135	-135		
Conduct.(mS/cm) - (±3%)	1.320	1.350	1.350	1.340	1.340	1.340	1.340		
Turb. (NTU) - (± 10%)	68.2	67.7	33.7	25.1	19.2	13.2	9.2		
DO (mg/L) - (± 10%)	0.88	0.00	0.00	0.00	0.00	0.00	0.00		
Depth to water (ft)	NG	NG	NG	NG	NG	NG	NG		
Flow (ml/min)	200	200	200	200	200	200	200		
Comments									
Time									
Temp. (C.) - (±10%)									
pH (Std.Units) - (± 0.1)									
ORP (millivolts) - (± 10)									
Conduct.(mS/cm) - (±3%)									
Turb. (NTU) - (± 10%)									
DO (mg/L) - (± 10%)									
Depth to water (ft)									
Flow (ml/min)									
Comments									

Pump Type	Purge	Sample
Peristaltic Pump		
Submersible Pump		
Bladder Pump	X	X
Bailer:		

Description of Sampling Equipment

Horiba U-52 Water Quality Meter

Oil/Water Interface Probe

QED Micropurge MP15 Control and Power Pack

PID MiniRae

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOCs by 8260	N	HCL	3 x 40ml VOA	9:30	MW-40S
SVOCs by 8270	N	NA	2 x 1L Amber	9:30	MW-40S

Remarks:

NG - Not gauged

DUP-01 @ 0945

MS/MSD @ 0930

TRC

Groundwater Sampling Data Record Form

Project: LIRR-MPY	**Project No.:** 689300	**Date/Time:** 11/26/2025 10:30	**Sheet** 6 of 6

TRC Personnel: Joe Mennitti & Sean O'Leary

Well Identification: MW-39S

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up N/A ft. (from Ground)

WELL DIAMETER: [ ] 2 inch [X] 4 inch [ ] 6 inch

WELL MATERIAL: [X] PVC [ ] SS [ ]

Reference Point: [ ] top of riser [X] top of casing [ ] _____

[ ] historical [ ] measured: [ ] notch [ ] north side [X] high pt [ ] pen mark

Well Depth (ft.):	67.50
Depth to Water (ft):	51.40

Depth of pump intake (ft.): 54

[ ] .16 gal/ft (2 in.) [X] .65 gal/ft (4 in.) [ ] 1.5 gal/ft (6 in.) [ ] ___ gal/ft (__in.)

Height of water column (ft.):	16.10
Volume of Water in Well (gal):	15.27
Total Gallons Purged:	10.51

[Vol. = $r^2h(0.163)$]

Depth to NAPL (ft.):	N/A
Thickness of NAPL (ft.):	N/A

PID SCREENING (ppmV)

Background	3.5	
Well Mouth	9.1	(if required)

FIELD WATER QUALITY MEASUREMENTS

Time	10:40	10:45	10:50	10:55	11:00	11:05	11:10		
Temp. (C.) - (±10%)	16.35	16.58	16.66	16.68	16.71	16.72	16.71		
pH (Std.Units) - (± 0.1)	6.23	5.99	5.97	5.93	5.93	5.93	5.92		
ORP (millivolts) - (± 10)	93	124	137	144	150	151	152		
Conduct.(mS/cm) - (±3%)	1.190	1.190	1.190	1.190	1.190	1.190	1.190		
Turb. (NTU) - (± 10%)	84.1	64.7	39.3	11.8	9.5	9.2	8.9		
DO (mg/L) - (± 10%)	6.68	5.76	5.27	5.04	4.84	4.81	4.79		
Depth to water (ft)	200	200	200	200	200	200	200		
Flow (ml/min)									
Comments									
Time									
Temp. (C.) - (±10%)									
pH (Std.Units) - (± 0.1)									
ORP (millivolts) - (± 10)									
Conduct.(mS/cm) - (±3%)									
Turb. (NTU) - (± 10%)									
DO (mg/L) - (± 10%)									
Depth to water (ft)									
Flow (ml/min)									
Comments									

Pump Type	Purge	Sample
Peristaltic Pump		
Submersible Pump		
Bladder Pump	X	X
Bailer:		

Description of Sampling Equipment

Horiba U-52 Water Quality Meter

Oil/Water Interface Probe

QED Micropurge MP15 Control and Power Pack

PID MiniRae

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
VOCs by 8260	N	HCL	3 x 40ml VOA	11:15	MW-39S
SVOCs by 8270	N	NA	2 x 1L Amber	11:15	MW-39S

Remarks: NG - Not gauged

Appendix D

Hampton-Clarke
Analytical & Field Services

175 US Highway 46, STE D · Fairfield, NJ 07004-2327
2 Madison Road, Fairfield, NJ 07004-2327
800-426-9992 · 973-244-9770
FAX: 973-244-9787
WWW.HCVLAB.COM

Project: LIRR-MPY-RHY

Client PO: Not Available

Report To: TRC Engineering
1407 Broadway
Suite 3301
New York, NY 10018
Attn: Calah Lambertson

Received Date: 11/26/2025

Report Date: 12/19/2025

Deliverables: NYDOH-CatB

Lab ID: AD56733

Lab Project No: 5112647

This report is a true report of results obtained from our tests of this material. The report relates only to those samples received and analyzed by the laboratory. All results meet the requirements of the NELAC Institute standards. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

In lieu of a formal contract document, the total aggregate liability of Hampton-Clarke to all parties shall not exceed Hampton-Clarke's total fee for analytical services rendered.

Sean Berls - Quality Assurance Officer OR **Jean Revolus - Laboratory Director**

NJ (07071) NY (ELAP11408) CT (PH-0671)
PA (68-00463) KY (90124)

Hampton-Clarke
WBE/DBE/SBE 800-426-9992

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SDG Narrative

HC Case Narrative

Client: TRC Engineering
Project: LIRR-MPY-RHY

HC Project: 5112647

Hampton-Clarke (HC) received the following samples on 11/26/2025:

Client ID	HC Sample ID	Matrix	Analysis
TRIP BLANK	AD56733-001	Aqueous	Volatile Organics (8260D)
EQUIPMENT BLANK	AD56733-002	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-3-50	AD56733-003	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-15-60	AD56733-004	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-GF-21R	AD56733-005	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-GF-22	AD56733-006	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-40S	AD56733-007	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-40S-MS	AD56733-008	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-40S-MSD	AD56733-009	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
DUP-01	AD56733-010	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)
MW-39S	AD56733-011	Aqueous	Volatile Organics (8260D), Semivolatile Organics (8270E)

This case narrative is in the form of an exception report. Method specific and/or QA/QC anomalies related to this report only are detailed below.

Volatile Organic Analysis:

Acetone was recovered in sample AD56733-001 due to possible laboratory contamination.

The spiking compounds were diluted out of the Matrix Spike and/or Matrix Spike Duplicate for batch 128430. Please refer to the applicable Form 3 for the recoveries.

The Matrix Spike and/or Matrix Spike Duplicate for batch 128431 had recoveries outside QC limits. Please refer to the applicable Form 3 for the recoveries.

2-Chloroethylvinylether did not recover in the Matrix Spike and Matrix Spike Duplicate in batch 128431 due to acid preservation of sample. 2-Chloroethylvinylether readily decomposes under acidic conditions. The recovery of 2-Chloroethylvinylether is within QC limits in the Laboratory Control Sample. Please refer to the applicable Form 3 for the recoveries.

Base Neutral/Acid Extractable Analysis:

The MS/MSD RPD, Matrix Spike and/or Matrix Spike Duplicate for batch 128203 had recoveries outside QC limits. Please refer to the applicable Form 3 for the recoveries.

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 above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Sean Berls
Quality Assurance Officer

Or

Jean Revolus
Laboratory Director

12/22/25
Date

Reporting Limit Definitions

HC Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

DUP = Duplicate

LCS = Laboratory Control Spike

MBS = Method Blank Spike

MDL = Method Detection Limit

MR = Matrix Replicate

MS = Matrix Spike

MSD = Matrix Spike Duplicate

NA = Not Applicable

ND = Not Detected

PS = Post Digestion Spike

RL* = Reporting Limit

RT = Retention Time

SD = Serial Dilution

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

A- Indicates that the Tentatively Identified Compound (TIC) is suspected to be an aldol-condensation product. These compounds are by-products of acetone and methylene chloride used in the extraction process.

B- Indicates analyte was present in the Method Blank and sample.

d- For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.

E- Indicates the concentration exceeded the upper calibration range of the instrument.

J- Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

R- Retention Time is out.

Y- Indicates a contaminant found in the blank at less than 10% of the concentration of a contaminant found in the sample.

Data Package Summary Forms

HC Report of Analysis

Client: TRC Engineering
Project: LIRR-MPY-RHY

HC Project #: 5112647

Sample ID: TRIP BLANK
Lab#: AD56733-001
Matrix: Aqueous

Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	**1**	**ug/l**	**5.0**	**6.8**
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND

Sample ID: TRIP BLANK
Lab#: AD56733-001
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: EQUIPMENT BLANK
Lab#: AD56733-002
Matrix: Aqueous

Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	ND
1,4-Dioxane	1	ug/l	0.49	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	ND
2,4,5-Trichlorophenol	1	ug/l	1.9	ND
2,4,6-Trichlorophenol	1	ug/l	1.9	ND
2,4-Dichlorophenol	1	ug/l	0.49	ND
2,4-Dimethylphenol	1	ug/l	1.2	ND
2,4-Dinitrophenol	1	ug/l	9.7	ND
2,4-Dinitrotoluene	1	ug/l	1.9	ND
2,6-Dinitrotoluene	1	ug/l	1.9	ND
2-Chloronaphthalene	1	ug/l	1.9	ND
2-Chlorophenol	1	ug/l	1.9	ND
2-Methylnaphthalene	1	ug/l	1.9	ND
2-Methylphenol	1	ug/l	0.57	ND
2-Nitroaniline	1	ug/l	1.9	ND
2-Nitrophenol	1	ug/l	1.9	ND
3&4-Methylphenol	1	ug/l	0.53	ND
3,3'-Dichlorobenzidine	1	ug/l	1.9	ND
3-Nitroaniline	1	ug/l	1.9	ND
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	ND
4-Bromophenyl-phenylether	1	ug/l	1.9	ND
4-Chloro-3-methylphenol	1	ug/l	1.9	ND
4-Chloroaniline	1	ug/l	1.9	ND
4-Chlorophenyl-phenylether	1	ug/l	1.9	ND
4-Nitroaniline	1	ug/l	1.9	ND
4-Nitrophenol	1	ug/l	1.9	ND
Acenaphthene	1	ug/l	1.9	ND
Acenaphthylene	1	ug/l	1.9	ND
Acetophenone	1	ug/l	1.9	ND
Anthracene	1	ug/l	1.9	ND
Atrazine	1	ug/l	1.9	ND
Benzaldehyde	1	ug/l	1.9	ND
Benzo[a]anthracene	1	ug/l	1.9	ND
Benzo[a]pyrene	1	ug/l	1.9	ND
Benzo[b]fluoranthene	1	ug/l	1.9	ND
Benzo[g,h,i]perylene	1	ug/l	1.9	ND
Benzo[k]fluoranthene	1	ug/l	1.9	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.9	ND
bis(2-Chloroethyl)ether	1	ug/l	0.49	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	ND
Butylbenzylphthalate	1	ug/l	1.9	ND
Caprolactam	1	ug/l	1.9	ND
Carbazole	1	ug/l	1.9	ND
Chrysene	1	ug/l	1.9	ND
Dibenzo[a,h]anthracene	1	ug/l	1.9	ND
Dibenzofuran	1	ug/l	1.9	ND
Diethylphthalate	1	ug/l	1.9	ND
Dimethylphthalate	1	ug/l	1.9	ND
Di-n-butylphthalate	1	ug/l	1.9	ND
Di-n-octylphthalate	1	ug/l	1.9	ND
Fluoranthene	1	ug/l	1.9	ND
Fluorene	1	ug/l	1.9	ND

Sample ID: EQUIPMENT BLANK
Lab#: AD56733-002
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Hexachlorobenzene	1	ug/l	1.9	ND
Hexachlorobutadiene	1	ug/l	1.9	ND
Hexachlorocyclopentadiene	1	ug/l	6.2	ND
Hexachloroethane	1	ug/l	1.9	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	ND
Isophorone	1	ug/l	1.9	ND
Naphthalene	1	ug/l	1.9	ND
Nitrobenzene	1	ug/l	0.55	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.49	ND
N-Nitrosodiphenylamine	1	ug/l	1.9	ND
Pentachlorophenol	1	ug/l	9.7	ND
Phenanthrene	1	ug/l	1.9	ND
Phenol	1	ug/l	1.9	ND
Pyrene	1	ug/l	1.9	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: EQUIPMENT BLANK
Lab#: AD56733-002
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: MW-3-50
Lab#: AD56733-003
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	ND
1,4-Dioxane	1	ug/l	0.49	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	ND
2,4,5-Trichlorophenol	1	ug/l	1.9	ND
2,4,6-Trichlorophenol	1	ug/l	1.9	ND
2,4-Dichlorophenol	1	ug/l	0.49	ND
2,4-Dimethylphenol	1	ug/l	1.2	ND
2,4-Dinitrophenol	1	ug/l	9.7	ND
2,4-Dinitrotoluene	1	ug/l	1.9	ND
2,6-Dinitrotoluene	1	ug/l	1.9	ND
2-Chloronaphthalene	1	ug/l	1.9	ND
2-Chlorophenol	1	ug/l	1.9	ND
2-Methylnaphthalene	**1**	**ug/l**	**1.9**	**58**
2-Methylphenol	1	ug/l	0.57	ND
2-Nitroaniline	1	ug/l	1.9	ND
2-Nitrophenol	1	ug/l	1.9	ND
3&4-Methylphenol	1	ug/l	0.53	ND
3,3'-Dichlorobenzidine	1	ug/l	1.9	ND
3-Nitroaniline	1	ug/l	1.9	ND
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	ND
4-Bromophenyl-phenylether	1	ug/l	1.9	ND
4-Chloro-3-methylphenol	1	ug/l	1.9	ND
4-Chloroaniline	1	ug/l	1.9	ND
4-Chlorophenyl-phenylether	1	ug/l	1.9	ND
4-Nitroaniline	1	ug/l	1.9	ND
4-Nitrophenol	1	ug/l	1.9	ND
Acenaphthene	**1**	**ug/l**	**1.9**	**12**
Acenaphthylene	1	ug/l	1.9	ND
Acetophenone	1	ug/l	1.9	ND
Anthracene	1	ug/l	1.9	ND
Atrazine	1	ug/l	1.9	ND
Benzaldehyde	1	ug/l	1.9	ND
Benzo[a]anthracene	1	ug/l	1.9	ND
Benzo[a]pyrene	1	ug/l	1.9	ND
Benzo[b]fluoranthene	1	ug/l	1.9	ND
Benzo[g,h,i]perylene	1	ug/l	1.9	ND
Benzo[k]fluoranthene	1	ug/l	1.9	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.9	ND
bis(2-Chloroethyl)ether	1	ug/l	0.49	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	ND
bis(2-Ethylhexyl)phthalate	**1**	**ug/l**	**1.9**	**2.0**
Butylbenzylphthalate	1	ug/l	1.9	ND
Caprolactam	1	ug/l	1.9	ND
Carbazole	1	ug/l	1.9	ND
Chrysene	1	ug/l	1.9	ND
Dibenzo[a,h]anthracene	1	ug/l	1.9	ND
Dibenzofuran	**1**	**ug/l**	**1.9**	**8.0**
Diethylphthalate	1	ug/l	1.9	ND
Dimethylphthalate	1	ug/l	1.9	ND
Di-n-butylphthalate	1	ug/l	1.9	ND
Di-n-octylphthalate	1	ug/l	1.9	ND
Fluoranthene	1	ug/l	1.9	ND
Fluorene	**1**	**ug/l**	**1.9**	**16**

Sample ID: MW-3-50 **Collection Date:** 11/25/2025
Lab#: AD56733-003 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	1.9	ND
Hexachlorobutadiene	1	ug/l	1.9	ND
Hexachlorocyclopentadiene	1	ug/l	6.2	ND
Hexachloroethane	1	ug/l	1.9	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	ND
Isophorone	1	ug/l	1.9	ND
Naphthalene	**1**	**ug/l**	**1.9**	**6.0**
Nitrobenzene	1	ug/l	0.55	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.49	ND
N-Nitrosodiphenylamine	1	ug/l	1.9	ND
Pentachlorophenol	1	ug/l	9.7	ND
Phenanthrene	**1**	**ug/l**	**1.9**	**18**
Phenol	1	ug/l	1.9	ND
Pyrene	**1**	**ug/l**	**1.9**	**2.0**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	**1**	**ug/l**	**0.50**	**0.81**
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	**1**	**ug/l**	**1.0**	**2.5**
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	**1**	**ug/l**	**1.0**	**6.9**
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID:	**MW-3-50**			**Collection Date:**	**11/25/2025**
Lab#:	**AD56733-003**			**Receipt Date:**	**11/26/2025**
Matrix:	**Aqueous**				
Methyl Acetate	1	ug/l	1.0	ND	
Methylcyclohexane	**1**	**ug/l**	**1.0**	**5.0**	
Methylene chloride	1	ug/l	1.0	ND	
Methyl-t-butyl ether	1	ug/l	0.53	ND	
o-Xylene	**1**	**ug/l**	**1.0**	**1.1**	
Styrene	1	ug/l	1.0	ND	
Tetrachloroethene	1	ug/l	1.0	ND	
Toluene	1	ug/l	1.0	ND	
trans-1,2-Dichloroethene	1	ug/l	1.0	ND	
trans-1,3-Dichloropropene	1	ug/l	1.0	ND	
Trichloroethene	1	ug/l	1.0	ND	
Trichlorofluoromethane	1	ug/l	1.0	ND	
Vinyl chloride	1	ug/l	1.0	ND	
Xylenes (Total)	**1**	**ug/l**	**1.0**	**1.1**	

Sample ID: MW-15-60
Lab#: AD56733-004
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	ND
1,4-Dioxane	1	ug/l	0.48	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	ND
2,4,5-Trichlorophenol	1	ug/l	1.9	ND
2,4,6-Trichlorophenol	1	ug/l	1.9	ND
2,4-Dichlorophenol	1	ug/l	0.48	ND
2,4-Dimethylphenol	1	ug/l	1.2	ND
2,4-Dinitrophenol	1	ug/l	9.5	ND
2,4-Dinitrotoluene	1	ug/l	1.9	ND
2,6-Dinitrotoluene	1	ug/l	1.9	ND
2-Chloronaphthalene	1	ug/l	1.9	ND
2-Chlorophenol	1	ug/l	1.9	ND
2-Methylnaphthalene	1	ug/l	1.9	ND
2-Methylphenol	1	ug/l	0.56	ND
2-Nitroaniline	1	ug/l	1.9	ND
2-Nitrophenol	1	ug/l	1.9	ND
3&4-Methylphenol	1	ug/l	0.52	ND
3,3'-Dichlorobenzidine	1	ug/l	1.9	ND
3-Nitroaniline	1	ug/l	1.9	ND
4,6-Dinitro-2-methylphenol	1	ug/l	9.5	ND
4-Bromophenyl-phenylether	1	ug/l	1.9	ND
4-Chloro-3-methylphenol	1	ug/l	1.9	ND
4-Chloroaniline	1	ug/l	1.9	ND
4-Chlorophenyl-phenylether	1	ug/l	1.9	ND
4-Nitroaniline	1	ug/l	1.9	ND
4-Nitrophenol	1	ug/l	1.9	ND
Acenaphthene	1	ug/l	1.9	ND
Acenaphthylene	1	ug/l	1.9	ND
Acetophenone	1	ug/l	1.9	ND
Anthracene	1	ug/l	1.9	ND
Atrazine	1	ug/l	1.9	ND
Benzaldehyde	1	ug/l	1.9	ND
Benzo[a]anthracene	1	ug/l	1.9	ND
Benzo[a]pyrene	1	ug/l	1.9	ND
Benzo[b]fluoranthene	1	ug/l	1.9	ND
Benzo[g,h,i]perylene	1	ug/l	1.9	ND
Benzo[k]fluoranthene	1	ug/l	1.9	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.9	ND
bis(2-Chloroethyl)ether	1	ug/l	0.48	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	ND
Butylbenzylphthalate	1	ug/l	1.9	ND
Caprolactam	1	ug/l	1.9	ND
Carbazole	1	ug/l	1.9	ND
Chrysene	1	ug/l	1.9	ND
Dibenzo[a,h]anthracene	1	ug/l	1.9	ND
Dibenzofuran	1	ug/l	1.9	ND
Diethylphthalate	1	ug/l	1.9	ND
Dimethylphthalate	1	ug/l	1.9	ND
Di-n-butylphthalate	1	ug/l	1.9	ND
Di-n-octylphthalate	1	ug/l	1.9	ND
Fluoranthene	1	ug/l	1.9	ND
Fluorene	1	ug/l	1.9	ND

Sample ID: MW-15-60 **Collection Date:** 11/25/2025
Lab#: AD56733-004 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	1.9	ND
Hexachlorobutadiene	1	ug/l	1.9	ND
Hexachlorocyclopentadiene	1	ug/l	6.1	ND
Hexachloroethane	1	ug/l	1.9	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	ND
Isophorone	1	ug/l	1.9	ND
Naphthalene	**1**	**ug/l**	**1.9**	**8.2**
Nitrobenzene	1	ug/l	0.54	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.48	ND
N-Nitrosodiphenylamine	1	ug/l	1.9	ND
Pentachlorophenol	1	ug/l	9.5	ND
Phenanthrene	1	ug/l	1.9	ND
Phenol	1	ug/l	1.9	ND
Pyrene	1	ug/l	1.9	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: MW-15-60 **Collection Date:** 11/25/2025
Lab#: AD56733-004 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: MW-GF-21R
Lab#: AD56733-005
Matrix: Aqueous

Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.1	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.1	ND
1,4-Dioxane	1	ug/l	0.53	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.1	ND
2,4,5-Trichlorophenol	1	ug/l	2.1	ND
2,4,6-Trichlorophenol	1	ug/l	2.1	ND
2,4-Dichlorophenol	1	ug/l	0.53	ND
2,4-Dimethylphenol	1	ug/l	1.3	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.1	ND
2,6-Dinitrotoluene	1	ug/l	2.1	ND
2-Chloronaphthalene	1	ug/l	2.1	ND
2-Chlorophenol	1	ug/l	2.1	ND
2-Methylnaphthalene	1	ug/l	2.1	ND
2-Methylphenol	1	ug/l	0.62	ND
2-Nitroaniline	1	ug/l	2.1	ND
2-Nitrophenol	1	ug/l	2.1	ND
3&4-Methylphenol	1	ug/l	0.57	ND
3,3'-Dichlorobenzidine	1	ug/l	2.1	ND
3-Nitroaniline	1	ug/l	2.1	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.1	ND
4-Chloro-3-methylphenol	1	ug/l	2.1	ND
4-Chloroaniline	1	ug/l	2.1	ND
4-Chlorophenyl-phenylether	1	ug/l	2.1	ND
4-Nitroaniline	1	ug/l	2.1	ND
4-Nitrophenol	1	ug/l	2.1	ND
Acenaphthene	**1**	**ug/l**	**2.1**	**2.4**
Acenaphthylene	1	ug/l	2.1	ND
Acetophenone	1	ug/l	2.1	ND
Anthracene	1	ug/l	2.1	ND
Atrazine	1	ug/l	2.1	ND
Benzaldehyde	1	ug/l	2.1	ND
Benzo[a]anthracene	1	ug/l	2.1	ND
Benzo[a]pyrene	1	ug/l	2.1	ND
Benzo[b]fluoranthene	1	ug/l	2.1	ND
Benzo[g,h,i]perylene	1	ug/l	2.1	ND
Benzo[k]fluoranthene	1	ug/l	2.1	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.1	ND
bis(2-Chloroethyl)ether	1	ug/l	0.53	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.1	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.1	ND
Butylbenzylphthalate	1	ug/l	2.1	ND
Caprolactam	1	ug/l	2.1	ND
Carbazole	1	ug/l	2.1	ND
Chrysene	1	ug/l	2.1	ND
Dibenzo[a,h]anthracene	1	ug/l	2.1	ND
Dibenzofuran	1	ug/l	2.1	ND
Diethylphthalate	1	ug/l	2.1	ND
Dimethylphthalate	1	ug/l	2.1	ND
Di-n-butylphthalate	1	ug/l	2.1	ND
Di-n-octylphthalate	1	ug/l	2.1	ND
Fluoranthene	1	ug/l	2.1	ND
Fluorene	**1**	**ug/l**	**2.1**	**3.6**

Sample ID: MW-GF-21R
Lab#: AD56733-005
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Hexachlorobenzene	1	ug/l	2.1	ND
Hexachlorobutadiene	1	ug/l	2.1	ND
Hexachlorocyclopentadiene	1	ug/l	6.8	ND
Hexachloroethane	1	ug/l	2.1	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.1	ND
Isophorone	1	ug/l	2.1	ND
Naphthalene	1	ug/l	2.1	ND
Nitrobenzene	1	ug/l	0.60	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.53	ND
N-Nitrosodiphenylamine	1	ug/l	2.1	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.1	ND
Phenol	1	ug/l	2.1	ND
Pyrene	1	ug/l	2.1	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**1.3**
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	**1**	**ug/l**	**1.0**	**1.8**
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: MW-GF-21R
Lab#: AD56733-005
Matrix: Aqueous
Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	**1**	**ug/l**	**1.0**	**1.9**
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: MW-GF-22
Lab#: AD56733-006
Matrix: Aqueous

Collection Date: 11/25/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	2.2	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	2.2	ND
1,4-Dioxane	1	ug/l	0.54	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	2.2	ND
2,4,5-Trichlorophenol	1	ug/l	2.2	ND
2,4,6-Trichlorophenol	1	ug/l	2.2	ND
2,4-Dichlorophenol	1	ug/l	0.54	ND
2,4-Dimethylphenol	1	ug/l	1.3	ND
2,4-Dinitrophenol	1	ug/l	11	ND
2,4-Dinitrotoluene	1	ug/l	2.2	ND
2,6-Dinitrotoluene	1	ug/l	2.2	ND
2-Chloronaphthalene	1	ug/l	2.2	ND
2-Chlorophenol	1	ug/l	2.2	ND
2-Methylnaphthalene	1	ug/l	2.2	ND
2-Methylphenol	1	ug/l	0.63	ND
2-Nitroaniline	1	ug/l	2.2	ND
2-Nitrophenol	1	ug/l	2.2	ND
3&4-Methylphenol	1	ug/l	0.59	ND
3,3'-Dichlorobenzidine	1	ug/l	2.2	ND
3-Nitroaniline	1	ug/l	2.2	ND
4,6-Dinitro-2-methylphenol	1	ug/l	11	ND
4-Bromophenyl-phenylether	1	ug/l	2.2	ND
4-Chloro-3-methylphenol	1	ug/l	2.2	ND
4-Chloroaniline	1	ug/l	2.2	ND
4-Chlorophenyl-phenylether	1	ug/l	2.2	ND
4-Nitroaniline	1	ug/l	2.2	ND
4-Nitrophenol	1	ug/l	2.2	ND
Acenaphthene	1	ug/l	2.2	ND
Acenaphthylene	1	ug/l	2.2	ND
Acetophenone	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Atrazine	1	ug/l	2.2	ND
Benzaldehyde	1	ug/l	2.2	ND
Benzo[a]anthracene	1	ug/l	2.2	ND
Benzo[a]pyrene	1	ug/l	2.2	ND
Benzo[b]fluoranthene	1	ug/l	2.2	ND
Benzo[g,h,i]perylene	1	ug/l	2.2	ND
Benzo[k]fluoranthene	1	ug/l	2.2	ND
bis(2-Chloroethoxy)methane	1	ug/l	2.2	ND
bis(2-Chloroethyl)ether	1	ug/l	0.54	ND
bis(2-Chloroisopropyl)ether	1	ug/l	2.2	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	2.2	ND
Butylbenzylphthalate	1	ug/l	2.2	ND
Caprolactam	1	ug/l	2.2	ND
Carbazole	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo[a,h]anthracene	1	ug/l	2.2	ND
Dibenzofuran	1	ug/l	2.2	ND
Diethylphthalate	1	ug/l	2.2	ND
Dimethylphthalate	1	ug/l	2.2	ND
Di-n-butylphthalate	1	ug/l	2.2	ND
Di-n-octylphthalate	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND

Sample ID: MW-GF-22 **Collection Date:** 11/25/2025
Lab#: AD56733-006 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	2.2	ND
Hexachlorobutadiene	1	ug/l	2.2	ND
Hexachlorocyclopentadiene	1	ug/l	6.9	ND
Hexachloroethane	1	ug/l	2.2	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.2	ND
Isophorone	1	ug/l	2.2	ND
Naphthalene	1	ug/l	2.2	ND
Nitrobenzene	1	ug/l	0.61	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.54	ND
N-Nitrosodiphenylamine	1	ug/l	2.2	ND
Pentachlorophenol	1	ug/l	11	ND
Phenanthrene	1	ug/l	2.2	ND
Phenol	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: MW-GF-22 **Collection Date:** 11/25/2025
Lab#: AD56733-006 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**2.3**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: MW-40S
Lab#: AD56733-007
Matrix: Aqueous

Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	ND
1,4-Dioxane	1	ug/l	0.49	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	ND
2,4,5-Trichlorophenol	1	ug/l	1.9	ND
2,4,6-Trichlorophenol	1	ug/l	1.9	ND
2,4-Dichlorophenol	1	ug/l	0.49	ND
2,4-Dimethylphenol	1	ug/l	1.2	ND
2,4-Dinitrophenol	1	ug/l	9.7	ND
2,4-Dinitrotoluene	1	ug/l	1.9	ND
2,6-Dinitrotoluene	1	ug/l	1.9	ND
2-Chloronaphthalene	1	ug/l	1.9	ND
2-Chlorophenol	1	ug/l	1.9	ND
2-Methylnaphthalene	**1**	**ug/l**	**1.9**	**4.7**
2-Methylphenol	1	ug/l	0.57	ND
2-Nitroaniline	1	ug/l	1.9	ND
2-Nitrophenol	1	ug/l	1.9	ND
3&4-Methylphenol	1	ug/l	0.53	ND
3,3'-Dichlorobenzidine	1	ug/l	1.9	ND
3-Nitroaniline	1	ug/l	1.9	ND
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	ND
4-Bromophenyl-phenylether	1	ug/l	1.9	ND
4-Chloro-3-methylphenol	1	ug/l	1.9	ND
4-Chloroaniline	1	ug/l	1.9	ND
4-Chlorophenyl-phenylether	1	ug/l	1.9	ND
4-Nitroaniline	1	ug/l	1.9	ND
4-Nitrophenol	1	ug/l	1.9	ND
Acenaphthene	**1**	**ug/l**	**1.9**	**8.4**
Acenaphthylene	1	ug/l	1.9	ND
Acetophenone	1	ug/l	1.9	ND
Anthracene	1	ug/l	1.9	ND
Atrazine	1	ug/l	1.9	ND
Benzaldehyde	1	ug/l	1.9	ND
Benzo[a]anthracene	1	ug/l	1.9	ND
Benzo[a]pyrene	1	ug/l	1.9	ND
Benzo[b]fluoranthene	1	ug/l	1.9	ND
Benzo[g,h,i]perylene	1	ug/l	1.9	ND
Benzo[k]fluoranthene	1	ug/l	1.9	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.9	ND
bis(2-Chloroethyl)ether	1	ug/l	0.49	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	ND
Butylbenzylphthalate	1	ug/l	1.9	ND
Caprolactam	1	ug/l	1.9	ND
Carbazole	1	ug/l	1.9	ND
Chrysene	1	ug/l	1.9	ND
Dibenzo[a,h]anthracene	1	ug/l	1.9	ND
Dibenzofuran	**1**	**ug/l**	**1.9**	**5.4**
Diethylphthalate	1	ug/l	1.9	ND
Dimethylphthalate	1	ug/l	1.9	ND
Di-n-butylphthalate	1	ug/l	1.9	ND
Di-n-octylphthalate	1	ug/l	1.9	ND
Fluoranthene	1	ug/l	1.9	ND
Fluorene	**1**	**ug/l**	**1.9**	**9.6**

Sample ID: MW-40S
Lab#: AD56733-007
Matrix: Aqueous
Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Hexachlorobenzene	1	ug/l	1.9	ND
Hexachlorobutadiene	1	ug/l	1.9	ND
Hexachlorocyclopentadiene	1	ug/l	6.2	ND
Hexachloroethane	1	ug/l	1.9	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	ND
Isophorone	1	ug/l	1.9	ND
Naphthalene	**1**	**ug/l**	**1.9**	**4.7**
Nitrobenzene	1	ug/l	0.55	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.49	ND
N-Nitrosodiphenylamine	1	ug/l	1.9	ND
Pentachlorophenol	1	ug/l	9.7	ND
Phenanthrene	**1**	**ug/l**	**1.9**	**8.4**
Phenol	1	ug/l	1.9	ND
Pyrene	1	ug/l	1.9	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	**1**	**ug/l**	**1.0**	**4.8**
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: MW-40S
Lab#: AD56733-007
Matrix: Aqueous
Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: MW-40S-MS
Lab#: AD56733-008
Matrix: Aqueous

Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	100
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	110
1,4-Dioxane	1	ug/l	0.49	48
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	110
2,4,5-Trichlorophenol	1	ug/l	1.9	110
2,4,6-Trichlorophenol	1	ug/l	1.9	110
2,4-Dichlorophenol	1	ug/l	0.49	110
2,4-Dimethylphenol	1	ug/l	1.2	110
2,4-Dinitrophenol	1	ug/l	9.7	130
2,4-Dinitrotoluene	1	ug/l	1.9	110
2,6-Dinitrotoluene	1	ug/l	1.9	110
2-Chloronaphthalene	1	ug/l	1.9	100
2-Chlorophenol	1	ug/l	1.9	82
2-Methylnaphthalene	1	ug/l	1.9	110
2-Methylphenol	1	ug/l	0.57	87
2-Nitroaniline	1	ug/l	1.9	100
2-Nitrophenol	1	ug/l	1.9	120
3&4-Methylphenol	1	ug/l	0.53	77
3,3'-Dichlorobenzidine	1	ug/l	1.9	37
3-Nitroaniline	1	ug/l	1.9	92
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	140
4-Bromophenyl-phenylether	1	ug/l	1.9	110
4-Chloro-3-methylphenol	1	ug/l	1.9	100
4-Chloroaniline	1	ug/l	1.9	90
4-Chlorophenyl-phenylether	1	ug/l	1.9	100
4-Nitroaniline	1	ug/l	1.9	93
4-Nitrophenol	1	ug/l	1.9	41
Acenaphthene	1	ug/l	1.9	110
Acenaphthylene	1	ug/l	1.9	98
Acetophenone	1	ug/l	1.9	110
Anthracene	1	ug/l	1.9	120
Atrazine	1	ug/l	1.9	88
Benzaldehyde	1	ug/l	1.9	80
Benzo[a]anthracene	1	ug/l	1.9	120
Benzo[a]pyrene	1	ug/l	1.9	110
Benzo[b]fluoranthene	1	ug/l	1.9	120
Benzo[g,h,i]perylene	1	ug/l	1.9	120
Benzo[k]fluoranthene	1	ug/l	1.9	100
bis(2-Chloroethoxy)methane	1	ug/l	1.9	110
bis(2-Chloroethyl)ether	1	ug/l	0.49	84
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	99
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	130
Butylbenzylphthalate	1	ug/l	1.9	120
Caprolactam	1	ug/l	1.9	54
Carbazole	1	ug/l	1.9	130
Chrysene	1	ug/l	1.9	120
Dibenzo[a,h]anthracene	1	ug/l	1.9	110
Dibenzofuran	1	ug/l	1.9	100
Diethylphthalate	1	ug/l	1.9	100
Dimethylphthalate	1	ug/l	1.9	98
Di-n-butylphthalate	1	ug/l	1.9	120
Di-n-octylphthalate	1	ug/l	1.9	120
Fluoranthene	1	ug/l	1.9	110
Fluorene	1	ug/l	1.9	110

Sample ID: MW-40S-MS
Lab#: AD56733-008
Matrix: Aqueous

Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Hexachlorobenzene	1	ug/l	1.9	120
Hexachlorobutadiene	1	ug/l	1.9	100
Hexachlorocyclopentadiene	1	ug/l	6.2	110
Hexachloroethane	1	ug/l	1.9	130
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	110
Isophorone	1	ug/l	1.9	99
Naphthalene	1	ug/l	1.9	110
Nitrobenzene	1	ug/l	0.55	110
N-Nitroso-di-n-propylamine	1	ug/l	0.49	100
N-Nitrosodiphenylamine	1	ug/l	1.9	120
Pentachlorophenol	1	ug/l	9.7	130
Phenanthrene	1	ug/l	1.9	120
Phenol	1	ug/l	1.9	42
Pyrene	1	ug/l	1.9	110

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	19
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	17
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	18
1,1,2-Trichloroethane	1	ug/l	0.50	18
1,1-Dichloroethane	1	ug/l	1.0	19
1,1-Dichloroethene	1	ug/l	1.0	19
1,2,3-Trichlorobenzene	1	ug/l	1.0	19
1,2,4-Trichlorobenzene	1	ug/l	1.0	19
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	16
1,2-Dibromoethane	1	ug/l	1.0	17
1,2-Dichlorobenzene	1	ug/l	1.0	17
1,2-Dichloroethane	1	ug/l	1.0	19
1,2-Dichloropropane	1	ug/l	1.0	19
1,3-Dichlorobenzene	1	ug/l	1.0	16
1,3-Dichloropropene (Total)	1	ug/l	1.0	36
1,4-Dichlorobenzene	1	ug/l	1.0	18
1,4-Dioxane	1	ug/l	50	930
2-Butanone	1	ug/l	1.0	17
2-Hexanone	1	ug/l	1.0	19
4-Methyl-2-pentanone	1	ug/l	1.0	18
Acetone	1	ug/l	5.0	90
Benzene	1	ug/l	0.50	19
Bromochloromethane	1	ug/l	1.0	19
Bromodichloromethane	1	ug/l	0.50	18
Bromoform	1	ug/l	1.0	17
Bromomethane	1	ug/l	1.0	13
Carbon disulfide	1	ug/l	1.0	20
Carbon tetrachloride	1	ug/l	1.0	21
Chlorobenzene	1	ug/l	1.0	18
Chloroethane	1	ug/l	1.0	22
Chloroform	1	ug/l	5.0	19
Chloromethane	1	ug/l	1.0	18
cis-1,2-Dichloroethene	1	ug/l	1.0	19
cis-1,3-Dichloropropene	1	ug/l	1.0	18
Cyclohexane	1	ug/l	1.0	18
Dibromochloromethane	1	ug/l	1.0	17
Dichlorodifluoromethane	1	ug/l	1.0	15
Ethylbenzene	1	ug/l	1.0	18
Isopropylbenzene	1	ug/l	1.0	23
m&p-Xylenes	1	ug/l	1.0	37

Sample ID:	**MW-40S-MS**			**Collection Date:**	**11/26/2025**
Lab#:	**AD56733-008**			**Receipt Date:**	**11/26/2025**
Matrix:	**Aqueous**				

Methyl Acetate	**1**	**ug/l**	**1.0**	**19**
Methylcyclohexane	**1**	**ug/l**	**1.0**	**18**
Methylene chloride	**1**	**ug/l**	**1.0**	**18**
Methyl-t-butyl ether	**1**	**ug/l**	**0.53**	**18**
o-Xylene	**1**	**ug/l**	**1.0**	**18**
Styrene	**1**	**ug/l**	**1.0**	**18**
Tetrachloroethene	**1**	**ug/l**	**1.0**	**19**
Toluene	**1**	**ug/l**	**1.0**	**18**
trans-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**19**
trans-1,3-Dichloropropene	**1**	**ug/l**	**1.0**	**18**
Trichloroethene	**1**	**ug/l**	**1.0**	**19**
Trichlorofluoromethane	**1**	**ug/l**	**1.0**	**23**
Vinyl chloride	**1**	**ug/l**	**1.0**	**19**
Xylenes (Total)	**1**	**ug/l**	**1.0**	**55**

Sample ID: MW-40S-MSD
Lab#: AD56733-009
Matrix: Aqueous

Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	99
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	100
1,4-Dioxane	1	ug/l	0.49	32
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	71
2,4,5-Trichlorophenol	1	ug/l	1.9	70
2,4,6-Trichlorophenol	1	ug/l	1.9	71
2,4-Dichlorophenol	1	ug/l	0.49	69
2,4-Dimethylphenol	1	ug/l	1.2	82
2,4-Dinitrophenol	1	ug/l	9.7	14
2,4-Dinitrotoluene	1	ug/l	1.9	110
2,6-Dinitrotoluene	1	ug/l	1.9	100
2-Chloronaphthalene	1	ug/l	1.9	100
2-Chlorophenol	1	ug/l	1.9	47
2-Methylnaphthalene	1	ug/l	1.9	100
2-Methylphenol	1	ug/l	0.57	54
2-Nitroaniline	1	ug/l	1.9	95
2-Nitrophenol	1	ug/l	1.9	78
3&4-Methylphenol	1	ug/l	0.53	47
3,3'-Dichlorobenzidine	1	ug/l	1.9	38
3-Nitroaniline	1	ug/l	1.9	55
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	63
4-Bromophenyl-phenylether	1	ug/l	1.9	110
4-Chloro-3-methylphenol	1	ug/l	1.9	73
4-Chloroaniline	1	ug/l	1.9	43
4-Chlorophenyl-phenylether	1	ug/l	1.9	99
4-Nitroaniline	1	ug/l	1.9	69
4-Nitrophenol	1	ug/l	1.9	19
Acenaphthene	1	ug/l	1.9	100
Acenaphthylene	1	ug/l	1.9	94
Acetophenone	1	ug/l	1.9	100
Anthracene	1	ug/l	1.9	110
Atrazine	1	ug/l	1.9	72
Benzaldehyde	1	ug/l	1.9	80
Benzo[a]anthracene	1	ug/l	1.9	110
Benzo[a]pyrene	1	ug/l	1.9	99
Benzo[b]fluoranthene	1	ug/l	1.9	110
Benzo[g,h,i]perylene	1	ug/l	1.9	110
Benzo[k]fluoranthene	1	ug/l	1.9	100
bis(2-Chloroethoxy)methane	1	ug/l	1.9	97
bis(2-Chloroethyl)ether	1	ug/l	0.49	75
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	90
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	120
Butylbenzylphthalate	1	ug/l	1.9	120
Caprolactam	1	ug/l	1.9	47
Carbazole	1	ug/l	1.9	130
Chrysene	1	ug/l	1.9	110
Dibenzo[a,h]anthracene	1	ug/l	1.9	110
Dibenzofuran	1	ug/l	1.9	100
Diethylphthalate	1	ug/l	1.9	100
Dimethylphthalate	1	ug/l	1.9	91
Di-n-butylphthalate	1	ug/l	1.9	120
Di-n-octylphthalate	1	ug/l	1.9	120
Fluoranthene	1	ug/l	1.9	110
Fluorene	1	ug/l	1.9	100

Sample ID: MW-40S-MSD
Lab#: AD56733-009
Matrix: Aqueous

Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Hexachlorobenzene	1	ug/l	1.9	110
Hexachlorobutadiene	1	ug/l	1.9	92
Hexachlorocyclopentadiene	1	ug/l	6.2	100
Hexachloroethane	1	ug/l	1.9	120
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	100
Isophorone	1	ug/l	1.9	89
Naphthalene	1	ug/l	1.9	100
Nitrobenzene	1	ug/l	0.55	98
N-Nitroso-di-n-propylamine	1	ug/l	0.49	93
N-Nitrosodiphenylamine	1	ug/l	1.9	110
Pentachlorophenol	1	ug/l	9.7	74
Phenanthrene	1	ug/l	1.9	110
Phenol	1	ug/l	1.9	24
Pyrene	1	ug/l	1.9	100

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	20
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	18
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	19
1,1,2-Trichloroethane	1	ug/l	0.50	20
1,1-Dichloroethane	1	ug/l	1.0	20
1,1-Dichloroethene	1	ug/l	1.0	20
1,2,3-Trichlorobenzene	1	ug/l	1.0	21
1,2,4-Trichlorobenzene	1	ug/l	1.0	20
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	18
1,2-Dibromoethane	1	ug/l	1.0	18
1,2-Dichlorobenzene	1	ug/l	1.0	19
1,2-Dichloroethane	1	ug/l	1.0	20
1,2-Dichloropropane	1	ug/l	1.0	20
1,3-Dichlorobenzene	1	ug/l	1.0	18
1,3-Dichloropropene (Total)	1	ug/l	1.0	38
1,4-Dichlorobenzene	1	ug/l	1.0	18
1,4-Dioxane	1	ug/l	50	950
2-Butanone	1	ug/l	1.0	19
2-Hexanone	1	ug/l	1.0	20
4-Methyl-2-pentanone	1	ug/l	1.0	19
Acetone	1	ug/l	5.0	95
Benzene	1	ug/l	0.50	20
Bromochloromethane	1	ug/l	1.0	19
Bromodichloromethane	1	ug/l	0.50	20
Bromoform	1	ug/l	1.0	18
Bromomethane	1	ug/l	1.0	15
Carbon disulfide	1	ug/l	1.0	22
Carbon tetrachloride	1	ug/l	1.0	21
Chlorobenzene	1	ug/l	1.0	19
Chloroethane	1	ug/l	1.0	24
Chloroform	1	ug/l	5.0	20
Chloromethane	1	ug/l	1.0	20
cis-1,2-Dichloroethene	1	ug/l	1.0	19
cis-1,3-Dichloropropene	1	ug/l	1.0	19
Cyclohexane	1	ug/l	1.0	19
Dibromochloromethane	1	ug/l	1.0	20
Dichlorodifluoromethane	1	ug/l	1.0	16
Ethylbenzene	1	ug/l	1.0	20
Isopropylbenzene	1	ug/l	1.0	24
m&p-Xylenes	1	ug/l	1.0	39

Sample ID:	**MW-40S-MSD**
Lab#:	**AD56733-009**
Matrix:	**Aqueous**
Collection Date:	**11/26/2025**
Receipt Date:	**11/26/2025**

Methyl Acetate	1	ug/l	1.0	18
Methylcyclohexane	1	ug/l	1.0	18
Methylene chloride	1	ug/l	1.0	20
Methyl-t-butyl ether	1	ug/l	0.53	19
o-Xylene	1	ug/l	1.0	19
Styrene	1	ug/l	1.0	20
Tetrachloroethene	1	ug/l	1.0	20
Toluene	1	ug/l	1.0	19
trans-1,2-Dichloroethene	1	ug/l	1.0	20
trans-1,3-Dichloropropene	1	ug/l	1.0	19
Trichloroethene	1	ug/l	1.0	19
Trichlorofluoromethane	1	ug/l	1.0	24
Vinyl chloride	1	ug/l	1.0	19
Xylenes (Total)	1	ug/l	1.0	58

Sample ID: DUP-01 **Collection Date:** 11/26/2025
Lab#: AD56733-010 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	ND
1,4-Dioxane	1	ug/l	0.49	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	ND
2,4,5-Trichlorophenol	1	ug/l	1.9	ND
2,4,6-Trichlorophenol	1	ug/l	1.9	ND
2,4-Dichlorophenol	1	ug/l	0.49	ND
2,4-Dimethylphenol	1	ug/l	1.2	ND
2,4-Dinitrophenol	1	ug/l	9.7	ND
2,4-Dinitrotoluene	1	ug/l	1.9	ND
2,6-Dinitrotoluene	1	ug/l	1.9	ND
2-Chloronaphthalene	1	ug/l	1.9	ND
2-Chlorophenol	1	ug/l	1.9	ND
2-Methylnaphthalene	**1**	**ug/l**	**1.9**	**4.7**
2-Methylphenol	1	ug/l	0.57	ND
2-Nitroaniline	1	ug/l	1.9	ND
2-Nitrophenol	1	ug/l	1.9	ND
3&4-Methylphenol	1	ug/l	0.53	ND
3,3'-Dichlorobenzidine	1	ug/l	1.9	ND
3-Nitroaniline	1	ug/l	1.9	ND
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	ND
4-Bromophenyl-phenylether	1	ug/l	1.9	ND
4-Chloro-3-methylphenol	1	ug/l	1.9	ND
4-Chloroaniline	1	ug/l	1.9	ND
4-Chlorophenyl-phenylether	1	ug/l	1.9	ND
4-Nitroaniline	1	ug/l	1.9	ND
4-Nitrophenol	1	ug/l	1.9	ND
Acenaphthene	**1**	**ug/l**	**1.9**	**10**
Acenaphthylene	1	ug/l	1.9	ND
Acetophenone	1	ug/l	1.9	ND
Anthracene	1	ug/l	1.9	ND
Atrazine	1	ug/l	1.9	ND
Benzaldehyde	1	ug/l	1.9	ND
Benzo[a]anthracene	1	ug/l	1.9	ND
Benzo[a]pyrene	1	ug/l	1.9	ND
Benzo[b]fluoranthene	1	ug/l	1.9	ND
Benzo[g,h,i]perylene	1	ug/l	1.9	ND
Benzo[k]fluoranthene	1	ug/l	1.9	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.9	ND
bis(2-Chloroethyl)ether	1	ug/l	0.49	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	ND
Butylbenzylphthalate	1	ug/l	1.9	ND
Caprolactam	1	ug/l	1.9	ND
Carbazole	1	ug/l	1.9	ND
Chrysene	1	ug/l	1.9	ND
Dibenzo[a,h]anthracene	1	ug/l	1.9	ND
Dibenzofuran	**1**	**ug/l**	**1.9**	**6.6**
Diethylphthalate	1	ug/l	1.9	ND
Dimethylphthalate	1	ug/l	1.9	ND
Di-n-butylphthalate	1	ug/l	1.9	ND
Di-n-octylphthalate	1	ug/l	1.9	ND
Fluoranthene	1	ug/l	1.9	ND
Fluorene	**1**	**ug/l**	**1.9**	**13**

Sample ID: DUP-01 **Collection Date:** 11/26/2025
Lab#: AD56733-010 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Hexachlorobenzene	1	ug/l	1.9	ND
Hexachlorobutadiene	1	ug/l	1.9	ND
Hexachlorocyclopentadiene	1	ug/l	6.2	ND
Hexachloroethane	1	ug/l	1.9	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	ND
Isophorone	1	ug/l	1.9	ND
Naphthalene	1	ug/l	1.9	ND
Nitrobenzene	1	ug/l	0.55	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.49	ND
N-Nitrosodiphenylamine	1	ug/l	1.9	ND
Pentachlorophenol	1	ug/l	9.7	ND
Phenanthrene	**1**	**ug/l**	**1.9**	**13**
Phenol	1	ug/l	1.9	ND
Pyrene	1	ug/l	1.9	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	**1**	**ug/l**	**1.0**	**4.9**
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: DUP-01 **Collection Date:** 11/26/2025
Lab#: AD56733-010 **Receipt Date:** 11/26/2025
Matrix: Aqueous

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: MW-39S
Lab#: AD56733-011
Matrix: Aqueous

Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Semivolatile Organics (no search) 8270

Analyte	DF	Units	RL	Result
1,1'-Biphenyl	1	ug/l	1.9	ND
1,2,4,5-Tetrachlorobenzene	1	ug/l	1.9	ND
1,4-Dioxane	1	ug/l	0.49	ND
2,3,4,6-Tetrachlorophenol	1	ug/l	1.9	ND
2,4,5-Trichlorophenol	1	ug/l	1.9	ND
2,4,6-Trichlorophenol	1	ug/l	1.9	ND
2,4-Dichlorophenol	1	ug/l	0.49	ND
2,4-Dimethylphenol	1	ug/l	1.2	ND
2,4-Dinitrophenol	1	ug/l	9.7	ND
2,4-Dinitrotoluene	1	ug/l	1.9	ND
2,6-Dinitrotoluene	1	ug/l	1.9	ND
2-Chloronaphthalene	1	ug/l	1.9	ND
2-Chlorophenol	1	ug/l	1.9	ND
2-Methylnaphthalene	1	ug/l	1.9	ND
2-Methylphenol	1	ug/l	0.57	ND
2-Nitroaniline	1	ug/l	1.9	ND
2-Nitrophenol	1	ug/l	1.9	ND
3&4-Methylphenol	1	ug/l	0.53	ND
3,3'-Dichlorobenzidine	1	ug/l	1.9	ND
3-Nitroaniline	1	ug/l	1.9	ND
4,6-Dinitro-2-methylphenol	1	ug/l	9.7	ND
4-Bromophenyl-phenylether	1	ug/l	1.9	ND
4-Chloro-3-methylphenol	1	ug/l	1.9	ND
4-Chloroaniline	1	ug/l	1.9	ND
4-Chlorophenyl-phenylether	1	ug/l	1.9	ND
4-Nitroaniline	1	ug/l	1.9	ND
4-Nitrophenol	1	ug/l	1.9	ND
Acenaphthene	1	ug/l	1.9	ND
Acenaphthylene	1	ug/l	1.9	ND
Acetophenone	1	ug/l	1.9	ND
Anthracene	1	ug/l	1.9	ND
Atrazine	1	ug/l	1.9	ND
Benzaldehyde	1	ug/l	1.9	ND
Benzo[a]anthracene	1	ug/l	1.9	ND
Benzo[a]pyrene	1	ug/l	1.9	ND
Benzo[b]fluoranthene	1	ug/l	1.9	ND
Benzo[g,h,i]perylene	1	ug/l	1.9	ND
Benzo[k]fluoranthene	1	ug/l	1.9	ND
bis(2-Chloroethoxy)methane	1	ug/l	1.9	ND
bis(2-Chloroethyl)ether	1	ug/l	0.49	ND
bis(2-Chloroisopropyl)ether	1	ug/l	1.9	ND
bis(2-Ethylhexyl)phthalate	1	ug/l	1.9	ND
Butylbenzylphthalate	1	ug/l	1.9	ND
Caprolactam	1	ug/l	1.9	ND
Carbazole	1	ug/l	1.9	ND
Chrysene	1	ug/l	1.9	ND
Dibenzo[a,h]anthracene	1	ug/l	1.9	ND
Dibenzofuran	1	ug/l	1.9	ND
Diethylphthalate	1	ug/l	1.9	ND
Dimethylphthalate	1	ug/l	1.9	ND
Di-n-butylphthalate	1	ug/l	1.9	ND
Di-n-octylphthalate	1	ug/l	1.9	ND
Fluoranthene	1	ug/l	1.9	ND
Fluorene	1	ug/l	1.9	ND

Sample ID: MW-39S
Lab#: AD56733-011
Matrix: Aqueous
Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Hexachlorobenzene	1	ug/l	1.9	ND
Hexachlorobutadiene	1	ug/l	1.9	ND
Hexachlorocyclopentadiene	1	ug/l	6.2	ND
Hexachloroethane	1	ug/l	1.9	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	1.9	ND
Isophorone	1	ug/l	1.9	ND
Naphthalene	**1**	**ug/l**	**1.9**	**2.7**
Nitrobenzene	1	ug/l	0.55	ND
N-Nitroso-di-n-propylamine	1	ug/l	0.49	ND
N-Nitrosodiphenylamine	1	ug/l	1.9	ND
Pentachlorophenol	1	ug/l	9.7	ND
Phenanthrene	1	ug/l	1.9	ND
Phenol	1	ug/l	1.9	ND
Pyrene	1	ug/l	1.9	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	0.50	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichlorobenzene	1	ug/l	1.0	ND
1,2,4-Trichlorobenzene	1	ug/l	1.0	ND
1,2-Dibromo-3-chloropropane	1	ug/l	1.0	ND
1,2-Dibromoethane	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	1.0	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropene (Total)	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Bromochloromethane	1	ug/l	1.0	ND
Bromodichloromethane	1	ug/l	0.50	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	5.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Cyclohexane	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND

Sample ID: MW-39S
Lab#: AD56733-011
Matrix: Aqueous
Collection Date: 11/26/2025
Receipt Date: 11/26/2025

Methyl Acetate	1	ug/l	1.0	ND
Methylcyclohexane	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.53	ND
o-Xylene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**6.2**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**1.0**
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-001
Client Id: TRIP BLANK
Data File: 1M211773.D
Analysis Date: 12/03/25 04:31
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	**Acetone**	**5.0**	**6.8**	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 6.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-002
Client Id: EQUIPMENT BLANK
Data File: 1M211775.D
Analysis Date: 12/03/25 05:10
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-003
Client Id: MW-3-50
Data File: 1M211760.D
Analysis Date: 12/03/25 00:15
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	**110-82-7**	**Cyclohexane**	**1.0**	**2.5**
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**6.9**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	**108-87-2**	**Methylcyclohexane**	**1.0**	**5.0**
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	**95-47-6**	**o-Xylene**	**1.0**	**1.1**
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	**Benzene**	**0.50**	**0.81**	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	**1330-20-7**	**Xylenes (Total)**	**1.0**	**1.1**

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-004
Client Id: MW-15-60
Data File: 1M211776.D
Analysis Date: 12/03/25 05:30
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-005
Client Id: MW-GF-21R
Data File: 1M211777.D
Analysis Date: 12/03/25 05:49
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**1.3**
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	**110-82-7**	**Cyclohexane**	**1.0**	**1.8**
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	**108-87-2**	**Methylcyclohexane**	**1.0**	**1.9**
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-006
Client Id: MW-GF-22
Data File: 1M211778.D
Analysis Date: 12/03/25 06:09
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.3**
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 2.3

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-007
Client Id: MW-40S
Data File: 1M211758.D
Analysis Date: 12/02/25 23:36
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**4.8**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 4.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-008(MS:AD56
Client Id: MW-40S-MS
Data File: 1M211763.D
Analysis Date: 12/03/25 01:14
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	19	56-23-5	Carbon Tetrachloride	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	17	108-90-7	Chlorobenzene	1.0	18
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	18	75-00-3	Chloroethane	1.0	22
79-00-5	1,1,2-Trichloroethane	0.50	18	67-66-3	Chloroform	5.0	19
75-34-3	1,1-Dichloroethane	1.0	19	74-87-3	Chloromethane	1.0	18
75-35-4	1,1-Dichloroethene	1.0	19	156-59-2	cis-1,2-Dichloroethene	1.0	19
87-61-6	1,2,3-Trichlorobenzene	1.0	19	10061-01-5	cis-1,3-Dichloropropene	1.0	18
120-82-1	1,2,4-Trichlorobenzene	1.0	19	110-82-7	Cyclohexane	1.0	18
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	16	124-48-1	Dibromochloromethane	1.0	17
106-93-4	1,2-Dibromoethane	1.0	17	75-71-8	Dichlorodifluoromethane	1.0	15
95-50-1	1,2-Dichlorobenzene	1.0	17	100-41-4	Ethylbenzene	1.0	18
107-06-2	1,2-Dichloroethane	1.0	19	98-82-8	Isopropylbenzene	1.0	23
78-87-5	1,2-Dichloropropane	1.0	19	79601-23-1	m&p-Xylenes	1.0	37
541-73-1	1,3-Dichlorobenzene	1.0	16	79-20-9	Methyl Acetate	1.0	19
106-46-7	1,4-Dichlorobenzene	1.0	18	108-87-2	Methylcyclohexane	1.0	18
123-91-1	1,4-Dioxane	50	930	75-09-2	Methylene Chloride	1.0	18
78-93-3	2-Butanone	1.0	17	1634-04-4	Methyl-t-butyl ether	0.53	18
591-78-6	2-Hexanone	1.0	19	95-47-6	o-Xylene	1.0	18
108-10-1	4-Methyl-2-Pentanone	1.0	18	100-42-5	Styrene	1.0	18
67-64-1	Acetone	5.0	90	127-18-4	Tetrachloroethene	1.0	19
71-43-2	Benzene	0.50	19	108-88-3	Toluene	1.0	18
74-97-5	Bromochloromethane	1.0	19	156-60-5	trans-1,2-Dichloroethene	1.0	19
75-27-4	Bromodichloromethane	0.50	18	10061-02-6	trans-1,3-Dichloropropene	1.0	18
75-25-2	Bromoform	1.0	17	79-01-6	Trichloroethene	1.0	19
74-83-9	Bromomethane	1.0	13	75-69-4	Trichlorofluoromethane	1.0	23
75-15-0	Carbon Disulfide	1.0	20	75-01-4	Vinyl Chloride	1.0	19
542-75-6	1,3-Dichloropropene (Tota	1.0	36	1330-20-7	Xylenes (Total)	1.0	55

Worksheet #: 818475 *Total Target Concentration* 2000 ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-009(MSD:AD
Client Id: MW-40S-MSD
Data File: 1M211764.D
Analysis Date: 12/03/25 01:33
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	20	56-23-5	Carbon Tetrachloride	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	18	108-90-7	Chlorobenzene	1.0	19
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	19	75-00-3	Chloroethane	1.0	24
79-00-5	1,1,2-Trichloroethane	0.50	20	67-66-3	Chloroform	5.0	20
75-34-3	1,1-Dichloroethane	1.0	20	74-87-3	Chloromethane	1.0	20
75-35-4	1,1-Dichloroethene	1.0	20	156-59-2	cis-1,2-Dichloroethene	1.0	19
87-61-6	1,2,3-Trichlorobenzene	1.0	21	10061-01-5	cis-1,3-Dichloropropene	1.0	19
120-82-1	1,2,4-Trichlorobenzene	1.0	20	110-82-7	Cyclohexane	1.0	19
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	18	124-48-1	Dibromochloromethane	1.0	20
106-93-4	1,2-Dibromoethane	1.0	18	75-71-8	Dichlorodifluoromethane	1.0	16
95-50-1	1,2-Dichlorobenzene	1.0	19	100-41-4	Ethylbenzene	1.0	20
107-06-2	1,2-Dichloroethane	1.0	20	98-82-8	Isopropylbenzene	1.0	24
78-87-5	1,2-Dichloropropane	1.0	20	79601-23-1	m&p-Xylenes	1.0	39
541-73-1	1,3-Dichlorobenzene	1.0	18	79-20-9	Methyl Acetate	1.0	18
106-46-7	1,4-Dichlorobenzene	1.0	18	108-87-2	Methylcyclohexane	1.0	18
123-91-1	1,4-Dioxane	50	950	75-09-2	Methylene Chloride	1.0	20
78-93-3	2-Butanone	1.0	19	1634-04-4	Methyl-t-butyl ether	0.53	19
591-78-6	2-Hexanone	1.0	20	95-47-6	o-Xylene	1.0	19
108-10-1	4-Methyl-2-Pentanone	1.0	19	100-42-5	Styrene	1.0	20
67-64-1	Acetone	5.0	95	127-18-4	Tetrachloroethene	1.0	20
71-43-2	Benzene	0.50	20	108-88-3	Toluene	1.0	19
74-97-5	Bromochloromethane	1.0	19	156-60-5	trans-1,2-Dichloroethene	1.0	20
75-27-4	Bromodichloromethane	0.50	20	10061-02-6	trans-1,3-Dichloropropene	1.0	19
75-25-2	Bromoform	1.0	18	79-01-6	Trichloroethene	1.0	19
74-83-9	Bromomethane	1.0	15	75-69-4	Trichlorofluoromethane	1.0	24
75-15-0	Carbon Disulfide	1.0	22	75-01-4	Vinyl Chloride	1.0	19
542-75-6	1,3-Dichloropropene (Tota	1.0	38	1330-20-7	Xylenes (Total)	1.0	58

Worksheet #: 818475 *Total Target Concentration* 2000 ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-010
Client Id: DUP-01
Data File: 1M211759.D
Analysis Date: 12/02/25 23:55
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**4.9**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-011
Client Id: MW-39S
Data File: 1M211779.D
Analysis Date: 12/03/25 06:28
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**6.2**
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.0**
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-002
Client Id: EQUIPMENT BLANK
Data File: 7M147430.D
Analysis Date: 12/01/25 18:16
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	91-20-3	Naphthalene	1.9	U
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-003
Client Id: MW-3-50
Data File: 7M147431.D
Analysis Date: 12/01/25 18:38
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**1.9**	**2.0**
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**58**	**132-64-9**	**Dibenzofuran**	**1.9**	**8.0**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**16**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**6.0**
83-32-9	**Acenaphthene**	**1.9**	**12**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**18**
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	**129-00-0**	**Pyrene**	**1.9**	**2.0**

Worksheet #: 818576

Total Target Concentration 120

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-004
Client Id: MW-15-60
Data File: 7M147432.D
Analysis Date: 12/01/25 19:00
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1050ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.48	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.48	U
120-83-2	2,4-Dichlorophenol	0.48	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.5	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.56	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.5	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.1	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**8.2**
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.54	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.48	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.5	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 8.2

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-005
Client Id: MW-GF-21R
Data File: 7M147433.D
Analysis Date: 12/01/25 19:22
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
123-91-1	1,4-Dioxane	0.53	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.53	U
120-83-2	2,4-Dichlorophenol	0.53	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	2.1	U
95-48-7	2-Methylphenol	0.62	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.57	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	**86-73-7**	**Fluorene**	**2.1**	**3.6**
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	6.8	U
106-47-8	4-Chloroaniline	2.1	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	2.1	U
83-32-9	**Acenaphthene**	**2.1**	**2.4**	98-95-3	Nitrobenzene	0.60	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.53	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-006
Client Id: MW-GF-22
Data File: 7M147439.D
Analysis Date: 12/02/25 09:47
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
123-91-1	1,4-Dioxane	0.54	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	0.54	U
120-83-2	2,4-Dichlorophenol	0.54	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	0.63	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	0.59	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	6.9	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	0.61	U
208-96-8	Acenaphthylene	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	0.54	U
98-86-2	Acetophenone	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
120-12-7	Anthracene	2.2	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.2	U	85-01-8	Phenanthrene	2.2	U
100-52-7	Benzaldehyde	2.2	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-007
Client Id: MW-40S
Data File: 7M147436.D
Analysis Date: 12/02/25 08:41
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**4.7**	**132-64-9**	**Dibenzofuran**	**1.9**	**5.4**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**9.6**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**4.7**
83-32-9	**Acenaphthene**	**1.9**	**8.4**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**8.4**
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-008(MS:AD56
Client Id: MW-40S-MS
Data File: 7M147437.D
Analysis Date: 12/02/25 09:03
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	100	50-32-8	Benzo[a]pyrene	1.9	110
95-94-3	1,2,4,5-Tetrachlorobenzen	1.9	110	205-99-2	Benzo[b]fluoranthene	1.9	120
123-91-1	1,4-Dioxane	0.49	48	191-24-2	Benzo[g,h,i]perylene	1.9	120
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	110	207-08-9	Benzo[k]fluoranthene	1.9	100
95-95-4	2,4,5-Trichlorophenol	1.9	110	111-91-1	bis(2-Chloroethoxy)metha	1.9	110
88-06-2	2,4,6-Trichlorophenol	1.9	110	111-44-4	bis(2-Chloroethyl)ether	0.49	84
120-83-2	2,4-Dichlorophenol	0.49	110	108-60-1	bis(2-chloroisopropyl)ethe	1.9	99
105-67-9	2,4-Dimethylphenol	1.2	110	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	130
51-28-5	2,4-Dinitrophenol	9.7	130	85-68-7	Butylbenzylphthalate	1.9	120
121-14-2	2,4-Dinitrotoluene	1.9	110	105-60-2	Caprolactam	1.9	54
606-20-2	2,6-Dinitrotoluene	1.9	110	86-74-8	Carbazole	1.9	130
91-58-7	2-Chloronaphthalene	1.9	100	218-01-9	Chrysene	1.9	120
95-57-8	2-Chlorophenol	1.9	82	53-70-3	Dibenzo[a,h]anthracene	1.9	110
91-57-6	2-Methylnaphthalene	1.9	110	132-64-9	Dibenzofuran	1.9	100
95-48-7	2-Methylphenol	0.57	87	84-66-2	Diethylphthalate	1.9	100
88-74-4	2-Nitroaniline	1.9	100	131-11-3	Dimethylphthalate	1.9	98
88-75-5	2-Nitrophenol	1.9	120	84-74-2	Di-n-butylphthalate	1.9	120
106-44-5	3&4-Methylphenol	0.53	77	117-84-0	Di-n-octylphthalate	1.9	120
91-94-1	3,3'-Dichlorobenzidine	1.9	37	206-44-0	Fluoranthene	1.9	110
99-09-2	3-Nitroaniline	1.9	92	86-73-7	Fluorene	1.9	110
534-52-1	4,6-Dinitro-2-methylpheno	9.7	140	118-74-1	Hexachlorobenzene	1.9	120
101-55-3	4-Bromophenyl-phenyleth	1.9	110	87-68-3	Hexachlorobutadiene	1.9	100
59-50-7	4-Chloro-3-methylphenol	1.9	100	77-47-4	Hexachlorocyclopentadie	6.2	110
106-47-8	4-Chloroaniline	1.9	90	67-72-1	Hexachloroethane	1.9	130
7005-72-3	4-Chlorophenyl-phenyleth	1.9	100	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	110
100-01-6	4-Nitroaniline	1.9	93	78-59-1	Isophorone	1.9	99
100-02-7	4-Nitrophenol	1.9	41	91-20-3	Naphthalene	1.9	110
83-32-9	Acenaphthene	1.9	110	98-95-3	Nitrobenzene	0.55	110
208-96-8	Acenaphthylene	1.9	98	621-64-7	N-Nitroso-di-n-propylamin	0.49	100
98-86-2	Acetophenone	1.9	110	86-30-6	n-Nitrosodiphenylamine	1.9	120
120-12-7	Anthracene	1.9	120	87-86-5	Pentachlorophenol	9.7	130
1912-24-9	Atrazine	1.9	88	85-01-8	Phenanthrene	1.9	120
100-52-7	Benzaldehyde	1.9	80	108-95-2	Phenol	1.9	42
56-55-3	Benzo[a]anthracene	1.9	120	129-00-0	Pyrene	1.9	110

Worksheet #: 818576

Total Target Concentration 7000

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-009(MSD:AD
Client Id: MW-40S-MSD
Data File: 7M147438.D
Analysis Date: 12/02/25 09:25
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	99	50-32-8	Benzo[a]pyrene	1.9	99
95-94-3	1,2,4,5-Tetrachlorobenzen	1.9	100	205-99-2	Benzo[b]fluoranthene	1.9	110
123-91-1	1,4-Dioxane	0.49	32	191-24-2	Benzo[g,h,i]perylene	1.9	110
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	71	207-08-9	Benzo[k]fluoranthene	1.9	100
95-95-4	2,4,5-Trichlorophenol	1.9	70	111-91-1	bis(2-Chloroethoxy)metha	1.9	97
88-06-2	2,4,6-Trichlorophenol	1.9	71	111-44-4	bis(2-Chloroethyl)ether	0.49	75
120-83-2	2,4-Dichlorophenol	0.49	69	108-60-1	bis(2-chloroisopropyl)ethe	1.9	90
105-67-9	2,4-Dimethylphenol	1.2	82	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	120
51-28-5	2,4-Dinitrophenol	9.7	14	85-68-7	Butylbenzylphthalate	1.9	120
121-14-2	2,4-Dinitrotoluene	1.9	110	105-60-2	Caprolactam	1.9	47
606-20-2	2,6-Dinitrotoluene	1.9	100	86-74-8	Carbazole	1.9	130
91-58-7	2-Chloronaphthalene	1.9	100	218-01-9	Chrysene	1.9	110
95-57-8	2-Chlorophenol	1.9	47	53-70-3	Dibenzo[a,h]anthracene	1.9	110
91-57-6	2-Methylnaphthalene	1.9	100	132-64-9	Dibenzofuran	1.9	100
95-48-7	2-Methylphenol	0.57	54	84-66-2	Diethylphthalate	1.9	100
88-74-4	2-Nitroaniline	1.9	95	131-11-3	Dimethylphthalate	1.9	91
88-75-5	2-Nitrophenol	1.9	78	84-74-2	Di-n-butylphthalate	1.9	120
106-44-5	3&4-Methylphenol	0.53	47	117-84-0	Di-n-octylphthalate	1.9	120
91-94-1	3,3'-Dichlorobenzidine	1.9	38	206-44-0	Fluoranthene	1.9	110
99-09-2	3-Nitroaniline	1.9	55	86-73-7	Fluorene	1.9	100
534-52-1	4,6-Dinitro-2-methylpheno	9.7	63	118-74-1	Hexachlorobenzene	1.9	110
101-55-3	4-Bromophenyl-phenyleth	1.9	110	87-68-3	Hexachlorobutadiene	1.9	92
59-50-7	4-Chloro-3-methylphenol	1.9	73	77-47-4	Hexachlorocyclopentadie	6.2	100
106-47-8	4-Chloroaniline	1.9	43	67-72-1	Hexachloroethane	1.9	120
7005-72-3	4-Chlorophenyl-phenyleth	1.9	99	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	100
100-01-6	4-Nitroaniline	1.9	69	78-59-1	Isophorone	1.9	89
100-02-7	4-Nitrophenol	1.9	19	91-20-3	Naphthalene	1.9	100
83-32-9	Acenaphthene	1.9	100	98-95-3	Nitrobenzene	0.55	98
208-96-8	Acenaphthylene	1.9	94	621-64-7	N-Nitroso-di-n-propylamin	0.49	93
98-86-2	Acetophenone	1.9	100	86-30-6	n-Nitrosodiphenylamine	1.9	110
120-12-7	Anthracene	1.9	110	87-86-5	Pentachlorophenol	9.7	74
1912-24-9	Atrazine	1.9	72	85-01-8	Phenanthrene	1.9	110
100-52-7	Benzaldehyde	1.9	80	108-95-2	Phenol	1.9	24
56-55-3	Benzo[a]anthracene	1.9	110	129-00-0	Pyrene	1.9	100

Worksheet #: 818576

Total Target Concentration 6000

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-010
Client Id: DUP-01
Data File: 7M147440.D
Analysis Date: 12/02/25 10:08
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**4.7**	**132-64-9**	**Dibenzofuran**	**1.9**	**6.6**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**13**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	91-20-3	Naphthalene	1.9	U
83-32-9	**Acenaphthene**	**1.9**	**10**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**13**
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-011
Client Id: MW-39S
Data File: 7M147441.D
Analysis Date: 12/02/25 10:30
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**2.7**
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 2.7

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Chain of Custody Forms

5112647 0060

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

CHAIN OF CUSTODY RECORD

Project# (Lab Use Only): 5112647

Page 1 of 2

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: TRC ENGINEERS
Address: 1409 BROADWAY NY NY 10018
1b) Email/Cell/Fax/Ph: CLAMBERTSON@TRCCOMPANIES.COM
1c) Send Invoice to: [redacted]
1d) Send Report to: CLAMBERTSON@TRCCOMPANIES.COM

Project Information

2a) Project: LRR-MR-RHT
2b) Project Mgr: CALAH LAMBERTSON
2c) Project Location (City/State): RICHMOND HILL, NY
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # AJ56733

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	TCL VOC 8260	TCL SVOC 8270	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
001	TRIP BLANK						X										
002	EQUIPMENT BLANK		11/25				X	X									
003	MW-3-60	GW	11/25	1330		G	X	X									
004	MW-15-60	GW	11/25	1220		G	X	X									
005	MW-GF-21R	GW	11/25	1110		G	X	X									
006	MW-GF-22	GW	11/25	1005		G	X	X									
007	MW-405	GW	11/26	0730		G	X	X									
008	MW-405-MS	GW	11/26	0730		G	X	X									
009	MW-405-MSD	GW	11/26	0730		G	X	X									
010	DUP 01	GW	11/26	0915		G	X	X									

10) Relinquished by:	Accepted by:	Date	Time
JOE MENDEZ		11/26/25	11:38
		11/26/25	5pm

11) Sampler (print name): JOE MENDEZ Date: 11/26/25

Additional Notes: NY ASP CAT B NYS DEC EDD

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2.9, 3.2

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

5112647 0061

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 US Highway 46, STE D and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787
Service Center: 137-C Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992

CHAIN OF CUSTODY RECORD

A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Project# (Lab Use Only): 5112647

Page 2 of 2

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%) *	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%) *	Reduced:	EnviroData
3 Business Days (50%) *	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%) *	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer:
Address: SEE PAGE 1
1b) Email/Cell/Fax/Ph:
1c) Send Invoice to:
1d) Send Report to:

Project Information

2a) Project:
2b) Project Mgr: SEE PAGE 1
2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # AD56733

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*: VOC 8260D; TCL SVOC 8270D

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
011	MW-39S	GW	11/06	1115		X									

10) Relinquished by:	Accepted by:	Date	Time
JE MENNA		11/06/18	11:38
		11/06/18	5:00

11) Sampler (print name): Date:

Additional Notes SEE PAGE 1

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270E SIM)
- [ ] VOC (8260D SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2.9, 3.2

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

CONDITION UPON RECEIPT

Batch Number AD56733 Entered By: children

Date Entered 11/26/2025 5:56:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	No	Are the COC seals intact?
4	T-432	<--- Thermometer ID. Please specify the Temperature inside the container (in degC). 2.9C,3.2C
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Was temperature blank present (Place comment below if not)? If not was temperature of samples verified?
13	NA	Other comments ...Specify (TB date, sample matrix, any missing info, etc.)
14	NA	Corrective actions (Specify item number and corrective action taken).
15	NA	Were any samples for ortho-phosphate or dissolved ferrous iron field filtered?

PRESERVATION DOCUMENT

Batch Number AD56733 Entered By: children

Date Entered 11/26/2025 5:57:00 PM

Lab#:	Container Size	Container/Vial Check	Parameter	Preservative	Preservative Lot#	PH	pH Lot#
AD56733-001	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-002	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-003	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-004	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-005	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-006	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-007	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-008	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-009	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-010	40ML	G	VO	HCL	25C2662003	1.0	HC463811
AD56733-011	40ML	G	VO	HCL	25C2662003	1.0	HC463811

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AD56733-001	11/26/25 17:00	CHILD	0	M	Received
AD56733-001	11/26/25 17:54	CHILD	0	M	Login
AD56733-001	12/01/25 10:30	R31	1	A	PH
AD56733-001	12/01/25 10:31	R31	2	A	NONE
AD56733-001	12/02/25 23:11	WP	2	A	VOA
AD56733-001	12/01/25 10:31	R31	3	A	NONE
AD56733-001	11/26/25 18:10	R12	4	A	NONE
AD56733-001	11/26/25 18:10	R12	5	A	NONE
AD56733-002	11/26/25 17:00	CHILD	0	M	Received
AD56733-002	11/26/25 17:54	CHILD	0	M	Login
AD56733-002	12/01/25 10:30	R31	1	A	PH
AD56733-002	12/01/25 10:31	R31	2	A	NONE
AD56733-002	12/02/25 23:11	WP	2	A	VOA
AD56733-002	12/01/25 10:31	R31	3	A	NONE
AD56733-002	11/26/25 18:10	R12	4	A	NONE
AD56733-002	11/26/25 18:10	R12	5	A	NONE
AD56733-002	12/01/25 09:40	VM	5	A	A-BNA
AD56733-003	11/26/25 17:00	CHILD	0	M	Received
AD56733-003	11/26/25 17:54	CHILD	0	M	Login
AD56733-003	12/01/25 10:30	R31	1	A	PH
AD56733-003	12/01/25 10:31	R31	2	A	NONE
AD56733-003	12/02/25 23:11	WP	2	A	VOA
AD56733-003	12/01/25 10:31	R31	3	A	NONE
AD56733-003	11/26/25 18:10	R12	4	A	NONE
AD56733-003	12/01/25 09:40	VM	4	A	A-BNA
AD56733-003	11/26/25 18:10	R12	5	A	NONE
AD56733-004	11/26/25 17:00	CHILD	0	M	Received
AD56733-004	11/26/25 17:54	CHILD	0	M	Login
AD56733-004	12/01/25 10:30	R31	1	A	PH
AD56733-004	12/01/25 10:31	R31	2	A	NONE
AD56733-004	12/02/25 23:11	WP	2	A	VOA
AD56733-004	12/01/25 10:31	R31	3	A	NONE
AD56733-004	11/26/25 18:10	R12	4	A	NONE
AD56733-004	12/01/25 09:40	VM	4	A	A-BNA
AD56733-004	11/26/25 18:10	R12	5	A	NONE
AD56733-005	11/26/25 17:00	CHILD	0	M	Received
AD56733-005	11/26/25 17:54	CHILD	0	M	Login
AD56733-005	12/01/25 10:30	R31	1	A	PH
AD56733-005	12/01/25 10:31	R31	2	A	NONE
AD56733-005	12/02/25 23:11	WP	2	A	VOA
AD56733-005	12/01/25 10:31	R31	3	A	NONE
AD56733-005	11/26/25 18:10	R12	4	A	NONE
AD56733-005	12/01/25 09:40	VM	4	A	A-BNA
AD56733-005	11/26/25 18:10	R12	5	A	NONE
AD56733-006	11/26/25 17:00	CHILD	0	M	Received
AD56733-006	11/26/25 17:54	CHILD	0	M	Login
AD56733-006	12/01/25 10:30	R31	1	A	PH
AD56733-006	12/01/25 10:31	R31	2	A	NONE
AD56733-006	12/02/25 23:11	WP	2	A	VOA
AD56733-006	12/01/25 10:31	R31	3	A	NONE
AD56733-006	11/26/25 18:10	R12	4	A	NONE
AD56733-006	12/01/25 09:40	VM	4	A	A-BNA
AD56733-006	11/26/25 18:10	R12	5	A	NONE
AD56733-007	11/26/25 17:00	CHILD	0	M	Received
AD56733-007	11/26/25 17:54	CHILD	0	M	Login
AD56733-007	12/01/25 10:30	R31	1	A	PH
AD56733-007	12/01/25 10:31	R31	2	A	NONE
AD56733-007	12/02/25 23:11	WP	2	A	VOA
AD56733-007	12/01/25 10:31	R31	3	A	NONE
AD56733-007	11/26/25 18:10	R12	4	A	NONE
AD56733-007	12/01/25 09:40	VM	4	A	A-BNA
AD56733-007	11/26/25 18:10	R12	5	A	NONE
AD56733-008	11/26/25 17:00	CHILD	0	M	Received
AD56733-008	11/26/25 17:54	CHILD	0	M	Login
AD56733-008	12/01/25 10:30	R31	1	A	PH
AD56733-008	12/01/25 10:31	R31	2	A	NONE
AD56733-008	12/01/25 10:31	R31	3	A	NONE
AD56733-008	11/26/25 18:10	R12	4	A	NONE
AD56733-008	11/26/25 18:10	R12	5	A	NONE
AD56733-008	12/01/25 09:40	VM	5	A	A-BNA
AD56733-009	11/26/25 17:00	CHILD	0	M	Received
AD56733-009	11/26/25 17:54	CHILD	0	M	Login
AD56733-009	12/01/25 10:30	R31	1	A	PH
AD56733-009	12/01/25 10:31	R31	2	A	NONE
AD56733-009	12/01/25 10:31	R31	3	A	NONE
AD56733-009	11/26/25 18:10	R12	4	A	NONE
AD56733-009	12/01/25 09:40	VM	4	A	A-BNA
AD56733-009	11/26/25 18:10	R12	5	A	NONE
AD56733-010	11/26/25 17:00	CHILD	0	M	Received
AD56733-010	11/26/25 17:54	CHILD	0	M	Login
AD56733-010	12/01/25 10:30	R31	1	A	PH
AD56733-010	12/01/25 10:31	R31	2	A	NONE
AD56733-010	12/02/25 23:11	WP	2	A	VOA
AD56733-010	12/01/25 10:31	R31	3	A	NONE
AD56733-010	11/26/25 18:10	R12	4	A	NONE
AD56733-010	11/26/25 18:10	R12	5	A	NONE
AD56733-010	12/01/25 09:40	VM	5	A	A-BNA
AD56733-011	11/26/25 17:00	CHILD	0	M	Received
AD56733-011	11/26/25 17:54	CHILD	0	M	Login
AD56733-011	12/01/25 10:30	R31	2	A	PH
AD56733-011	12/01/25 10:31	R31	2	A	NONE
AD56733-011	12/02/25 23:11	WP	2	A	VOA
AD56733-011	12/01/25 10:31	R31	3	A	NONE
AD56733-011	11/26/25 18:10	R12	4	A	NONE
AD56733-011	12/01/25 09:40	VM	4	A	A-BNA
AD56733-011	11/26/25 18:10	R12	5	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8260D

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
1M211757.D	DAILY BLANK	A	12/02/25 23:16	1		109	109	103	99		
1M211773.D	AD56733-001	A	12/03/25 04:31	1		101	99	100	99		
1M211775.D	AD56733-002	A	12/03/25 05:10	1		106	106	100	99		
1M211760.D	AD56733-003	A	12/03/25 00:15	1		102	104	101	96		
1M211776.D	AD56733-004	A	12/03/25 05:30	1		108	103	99	97		
1M211777.D	AD56733-005	A	12/03/25 05:49	1		102	104	100	94		
1M211778.D	AD56733-006	A	12/03/25 06:09	1		104	97	98	101		
1M211758.D	AD56733-007	A	12/02/25 23:36	1		102	104	100	98		
1M211763.D	AD56733-008(MS:AD56	A	12/03/25 01:14	1		104	99	103	98		
1M211764.D	AD56733-009(MSD:AD5	A	12/03/25 01:33	1		105	101	103	99		
1M211759.D	AD56733-010	A	12/02/25 23:55	1		103	106	102	101		
1M211779.D	AD56733-011	A	12/03/25 06:28	1		101	101	103	98		
1M211761.D	MBS128430	A	12/03/25 00:35	1		105	105	102	98		
1M211762.D	MBS128431	A	12/03/25 00:54	1		103	104	106	96		
1M211765.D	AD56657-007(50X)(T:M	A	12/03/25 01:53	1		103	104	100	104		
1M211766.D	AD56657-007(50X)(T:M	A	12/03/25 02:13	1		103	101	102	101		
1M211767.D	AD56657-007(50X)(T)	A	12/03/25 02:32	1		99	101	104	99		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: EPA 8260D

Aqueous Laboratory Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	82-120
S2=1.2-Dichloroethane-d4	30	81-123
S3=Toluene-d8	30	75-121
S4=Bromofluorobenzene	30	77-125

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211761.D	MBS128430	12/3/2025 12:35:00 AM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	10.4657	0	20	52	16	181
Dichlorodifluoromethane	1	14.124	0	20	71	10	202
Chloromethane	1	14.3452	0	20	72	10	182
Bromomethane	1	11.1025	0	20	56	10	172
Vinyl Chloride	1	15.4527	0	20	77	26	176
Chloroethane	1	18.1907	0	20	91	28	165
Trichlorofluoromethane	1	17.6597	0	20	88	18	178
Ethyl ether	1	14.6533	0	20	73	38	155
Furan	1	15.2319	0	20	76	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	13.0343	0	20	65	32	178
Methylene Chloride	1	14.3315	0	20	72	10	225
Acrolein	1	57.0008	0	100	57	10	183
Acrylonitrile	1	12.6504	0	20	63	40	164
Acetone	1	68.4391	0	100	68	10	237
Carbon Disulfide	1	15.5716	0	20	78	10	194
t-Butyl Alcohol	1	66.4522	0	100	66	21	185
n-Hexane	1	12.722	0	20	64	43	179
Di-isopropyl-ether	1	13.5886	0	20	68	47	159
1,1-Dichloroethene	1	15.2944	0	20	76	42	172
Methyl Acetate	1	13.4419	0	20	67	10	192
Methyl-t-butyl ether	1	14.1496	0	20	71	43	154
1,1-Dichloroethane	1	15.1178	0	20	76	48	160
trans-1,2-Dichloroethene	1	14.7886	0	20	74	37	171
Ethyl-t-butyl ether	1	14.1707	0	20	71	53	149
cis-1,2-Dichloroethene	1	14.4403	0	20	72	45	161
Bromochloromethane	1	15.1428	0	20	76	42	170
2,2-Dichloropropane	1	15.3583	0	20	77	33	173
Ethyl acetate	1	13.6503	0	20	68	38	156
1,4-Dioxane	1	698.6652	0	1000	70	18	186
1,1-Dichloropropene	1	14.3486	0	20	72	51	157
Chloroform	1	14.9384	0	20	75	47	157
Cyclohexane	1	13.2222	0	20	66	41	175
1,2-Dichloroethane	1	14.3148	0	20	72	43	154
2-Butanone	1	16.8834	0	20	84	20	188
1,1,1-Trichloroethane	1	15.0529	0	20	75	49	155
Carbon Tetrachloride	1	16.0219	0	20	80	47	159
Vinyl Acetate	1	13.6795	0	20	68	31	160
Bromodichloromethane	1	14.8684	0	20	74	48	152
Methylcyclohexane	1	13.6265	0	20	68	47	167
Dibromomethane	1	14.2825	0	20	71	47	153
1,2-Dichloropropane	1	14.1989	0	20	71	53	153
Trichloroethene	1	15.0696	0	20	75	45	165
Benzene	1	15.1423	0	20	76	41	163
tert-Amyl methyl ether	1	14.2565	0	20	71	51	146
Iso-propylacetate	1	13.6786	0	20	68	37	153
Methyl methacrylate	1	15.0228	0	20	75	40	160
Dibromochloromethane	1	14.1071	0	20	71	50	144
2-Chloroethylvinylether	1	14.2065	0	20	71	10	201
cis-1,3-Dichloropropene	1	14.3926	0	20	72	49	146
trans-1,3-Dichloropropene	1	14.2364	0	20	71	48	144
Ethyl methacrylate	1	14.318	0	20	72	38	160
1,1,2-Trichloroethane	1	15.2892	0	20	76	52	146
1,2-Dibromoethane	1	14.31	0	20	72	55	140
1,3-Dichloropropane	1	13.9626	0	20	70	54	142
4-Methyl-2-Pentanone	1	15.038	0	20	75	41	158
2-Hexanone	1	14.8934	0	20	74	39	163
Tetrachloroethene	1	14.2639	0	20	71	48	162
Toluene	1	14.5293	0	20	73	49	153
1,1,1,2-Tetrachloroethane	1	14.8462	0	20	74	51	140
Chlorobenzene	1	13.8467	0	20	69	43	155
n-Butyl acrylate	1	13.9809	0	20	70	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	14.8861	0	20	74	20	182
Bromoform	**1**	**13.7601**	**0**	**20**	**69**	**47**	**137**
Ethylbenzene	**1**	**14.9127**	**0**	**20**	**75**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**13.4918**	**0**	**20**	**67**	**36**	**152**
Styrene	**1**	**14.815**	**0**	**20**	**74**	**34**	**170**
m&p-Xylenes	**1**	**29.4493**	**0**	**40**	**74**	**16**	**184**
o-Xylene	**1**	**14.1389**	**0**	**20**	**71**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	12.6114	0	20	63	10	154
1,3-Dichlorobenzene	**1**	**13.5478**	**0**	**20**	**68**	**46**	**147**
1,4-Dichlorobenzene	**1**	**14.1084**	**0**	**20**	**71**	**37**	**156**
1,2-Dichlorobenzene	**1**	**13.9048**	**0**	**20**	**70**	**42**	**150**
Isopropylbenzene	**1**	**14.2367**	**0**	**20**	**71**	**32**	**174**
Cyclohexanone	1	33.9814	0	100	34	10	254
1,2,3-Trichloropropane	1	13.3649	0	20	67	20	164
2-Chlorotoluene	1	14.3054	0	20	72	43	153
4-Chlorotoluene	1	14.2472	0	20	71	34	160
n-Propylbenzene	1	14.8366	0	20	74	30	176
Bromobenzene	1	13.9535	0	20	70	44	142
1,3,5-Trimethylbenzene	1	14.5215	0	20	73	37	165
Butyl methacrylate	1	15.2447	0	20	76	30	169
t-Butylbenzene	1	13.7297	0	20	69	48	162
1,2,4-Trimethylbenzene	1	13.675	0	20	68	38	162
sec-Butylbenzene	1	14.0224	0	20	70	42	164
4-Isopropyltoluene	1	14.3387	0	20	72	40	162
n-Butylbenzene	1	14.5144	0	20	73	30	176
1,2,4,5-Tetramethylbenzene	1	14.4466	0	20	72	18	177
1,2-Dibromo-3-Chloropropane	**1**	**12.369**	**0**	**20**	**62**	**32**	**154**
Hexachlorobutadiene	1	13.9857	0	20	70	23	181
1,2,4-Trichlorobenzene	**1**	**14.7975**	**0**	**20**	**74**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**14.9242**	**0**	**20**	**75**	**30**	**172**
Naphthalene	1	15.5128	0	20	78	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211765.D	AD56657-007(50X)(T:MS)	12/3/2025 1:53:00 AM
Non Spike(If applicable):	1M211767.D	AD56657-007(50X)(T)	12/3/2025 2:32:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	0	0	20	0*	16	181
Dichlorodifluoromethane	1	0	0	20	0*	10	202
Chloromethane	1	0	0	20	0*	10	182
Bromomethane	1	0	0	20	0*	10	172
Vinyl Chloride	1	0	0	20	0*	26	176
Chloroethane	1	0	0	20	0*	28	165
Trichlorofluoromethane	1	0	0	20	0*	18	178
Ethyl ether	1	0	0	20	0*	38	155
Furan	1	0	0	20	0*	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0	0	20	0*	32	178
Methylene Chloride	1	0	0	20	0*	10	225
Acrolein	1	0	0	100	0*	10	183
Acrylonitrile	1	0	0	20	0*	40	164
Acetone	1	0	0	100	0*	10	237
Carbon Disulfide	1	0	0	20	0*	10	194
t-Butyl Alcohol	1	0	0	100	0*	21	185
n-Hexane	1	0	0	20	0*	43	179
Di-isopropyl-ether	1	0	0	20	0*	47	159
1,1-Dichloroethene	1	0	0	20	0*	42	172
Methyl Acetate	1	0	0	20	0*	10	192
Methyl-t-butyl ether	1	0	0	20	0*	43	154
1,1-Dichloroethane	1	0	0	20	0*	48	160
trans-1,2-Dichloroethene	1	0	0	20	0*	37	171
Ethyl-t-butyl ether	1	0	0	20	0*	53	149
cis-1,2-Dichloroethene	1	0	0	20	0*	45	161
Bromochloromethane	1	0	0	20	0*	42	170
2,2-Dichloropropane	1	0	0	20	0*	33	173
Ethyl acetate	1	0	0	20	0*	38	156
1,4-Dioxane	1	0	0	1000	0*	18	186
1,1-Dichloropropene	1	0	0	20	0*	51	157
Chloroform	1	0	0	20	0*	47	157
Cyclohexane	1	0	0	20	0*	41	175
1,2-Dichloroethane	1	0	0	20	0*	43	154
2-Butanone	1	0	0	20	0*	20	188
1,1,1-Trichloroethane	1	0	0	20	0*	49	155
Carbon Tetrachloride	1	0	0	20	0*	47	159
Vinyl Acetate	1	0	0	20	0*	31	160
Bromodichloromethane	1	0	0	20	0*	48	152
Methylcyclohexane	1	0	0	20	0*	47	167
Dibromomethane	1	0	0	20	0*	47	153
1,2-Dichloropropane	1	0	0	20	0*	53	153
Trichloroethene	1	0	0	20	0*	45	165
Benzene	1	0	0	20	0*	41	163
tert-Amyl methyl ether	1	0	0	20	0*	51	146
Iso-propylacetate	1	0	0	20	0*	37	153
Methyl methacrylate	1	0	0	20	0*	40	160
Dibromochloromethane	1	0	0	20	0*	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	0	0	20	0*	49	146
trans-1,3-Dichloropropene	1	0	0	20	0*	48	144
Ethyl methacrylate	1	0	0	20	0*	38	160
1,1,2-Trichloroethane	1	0	0	20	0*	52	146
1,2-Dibromoethane	1	0	0	20	0*	55	140
1,3-Dichloropropane	1	0	0	20	0*	54	142
4-Methyl-2-Pentanone	1	0	0	20	0*	41	158
2-Hexanone	1	0	0	20	0*	39	163
Tetrachloroethene	1	0	0	20	0*	48	156
Toluene	1	0	0	20	0*	49	153
1,1,1,2-Tetrachloroethane	1	0	0	20	0*	51	140
Chlorobenzene	1	0	0	20	0*	43	155
n-Butyl acrylate	1	0	0	20	0*	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	0	0	20	0*	20	182
Bromoform	**1**	**0**	**0**	**20**	**0***	**47**	**137**
Ethylbenzene	**1**	**0**	**0**	**20**	**0***	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**0**	**0**	**20**	**0***	**36**	**152**
Styrene	**1**	**0**	**0**	**20**	**0***	**34**	**170**
m&p-Xylenes	**1**	**0**	**0**	**40**	**0***	**16**	**184**
o-Xylene	**1**	**0**	**0**	**20**	**0***	**31**	**166**
trans-1,4-Dichloro-2-butene	1	0	0	20	0*	10	154
1,3-Dichlorobenzene	**1**	**0**	**0**	**20**	**0***	**46**	**147**
1,4-Dichlorobenzene	**1**	**0**	**0**	**20**	**0***	**37**	**156**
1,2-Dichlorobenzene	**1**	**0**	**0**	**20**	**0***	**42**	**150**
Isopropylbenzene	**1**	**0**	**0**	**20**	**0***	**32**	**174**
Cyclohexanone	1	0	0	100	0*	10	254
1,2,3-Trichloropropane	1	0	0	20	0*	20	164
2-Chlorotoluene	1	0	0	20	0*	43	153
4-Chlorotoluene	1	0	0	20	0*	34	160
n-Propylbenzene	1	0	0	20	0*	36	170
Bromobenzene	1	0	0	20	0*	44	142
1,3,5-Trimethylbenzene	1	0	0	20	0*	37	165
Butyl methacrylate	1	0	0	20	0*	30	169
t-Butylbenzene	1	0	0	20	0*	48	152
1,2,4-Trimethylbenzene	1	0	0	20	0*	38	162
sec-Butylbenzene	1	0	0	20	0*	42	164
4-Isopropyltoluene	1	0	0	20	0*	40	162
n-Butylbenzene	1	0	0	20	0*	30	176
1,2,4,5-Tetramethylbenzene	1	0	0	20	0*	18	177
1,2-Dibromo-3-Chloropropane	**1**	**0**	**0**	**20**	**0***	**32**	**154**
Hexachlorobutadiene	1	0	0	20	0*	23	181
1,2,4-Trichlorobenzene	**1**	**0**	**0**	**20**	**0***	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**0**	**0**	**20**	**0***	**30**	**172**
Naphthalene	1	0	0	20	0*	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211766.D	AD56657-007(50X)(T:MSD)	12/3/2025 2:13:00 AM
Non Spike(If applicable):	1M211767.D	AD56657-007(50X)(T)	12/3/2025 2:32:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	0	0	20	0*	16	181
Dichlorodifluoromethane	1	0	0	20	0*	10	202
Chloromethane	1	0	0	20	0*	10	182
Bromomethane	1	0	0	20	0*	10	172
Vinyl Chloride	1	0	0	20	0*	26	176
Chloroethane	1	0	0	20	0*	28	165
Trichlorofluoromethane	1	0	0	20	0*	18	178
Ethyl ether	1	0	0	20	0*	38	155
Furan	1	0	0	20	0*	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0	0	20	0*	32	178
Methylene Chloride	1	0	0	20	0*	10	225
Acrolein	1	0	0	100	0*	10	183
Acrylonitrile	1	0	0	20	0*	40	164
Acetone	1	0	0	100	0*	10	237
Carbon Disulfide	1	0	0	20	0*	10	194
t-Butyl Alcohol	1	0	0	100	0*	21	185
n-Hexane	1	0	0	20	0*	43	179
Di-isopropyl-ether	1	0	0	20	0*	47	159
1,1-Dichloroethene	1	0	0	20	0*	42	172
Methyl Acetate	1	0	0	20	0*	10	192
Methyl-t-butyl ether	1	0	0	20	0*	43	154
1,1-Dichloroethane	1	0	0	20	0*	48	160
trans-1,2-Dichloroethene	1	0	0	20	0*	37	171
Ethyl-t-butyl ether	1	0	0	20	0*	53	149
cis-1,2-Dichloroethene	1	0	0	20	0*	45	161
Bromochloromethane	1	0	0	20	0*	42	170
2,2-Dichloropropane	1	0	0	20	0*	33	173
Ethyl acetate	1	0	0	20	0*	38	156
1,4-Dioxane	1	0	0	1000	0*	18	186
1,1-Dichloropropene	1	0	0	20	0*	51	157
Chloroform	1	0	0	20	0*	47	157
Cyclohexane	1	0	0	20	0*	41	175
1,2-Dichloroethane	1	0	0	20	0*	43	154
2-Butanone	1	0	0	20	0*	20	188
1,1,1-Trichloroethane	1	0	0	20	0*	49	155
Carbon Tetrachloride	1	0	0	20	0*	47	159
Vinyl Acetate	1	0	0	20	0*	31	160
Bromodichloromethane	1	0	0	20	0*	48	152
Methylcyclohexane	1	0	0	20	0*	47	167
Dibromomethane	1	0	0	20	0*	47	153
1,2-Dichloropropane	1	0	0	20	0*	53	153
Trichloroethene	1	0	0	20	0*	45	165
Benzene	1	0	0	20	0*	41	163
tert-Amyl methyl ether	1	0	0	20	0*	51	146
Iso-propylacetate	1	0	0	20	0*	37	153
Methyl methacrylate	1	0	0	20	0*	40	160
Dibromochloromethane	1	0	0	20	0*	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	0	0	20	0*	49	146
trans-1,3-Dichloropropene	1	0	0	20	0*	48	144
Ethyl methacrylate	1	0	0	20	0*	38	160
1,1,2-Trichloroethane	1	0	0	20	0*	52	146
1,2-Dibromoethane	1	0	0	20	0*	55	140
1,3-Dichloropropane	1	0	0	20	0*	54	142
4-Methyl-2-Pentanone	1	0	0	20	0*	41	158
2-Hexanone	1	0	0	20	0*	39	163
Tetrachloroethene	1	0	0	20	0*	48	156
Toluene	1	0	0	20	0*	49	153
1,1,1,2-Tetrachloroethane	1	0	0	20	0*	51	140
Chlorobenzene	1	0	0	20	0*	43	155
n-Butyl acrylate	1	0	0	20	0*	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	0	0	20	0*	20	182
Bromoform	1	0	0	20	0*	47	137
Ethylbenzene	1	0	0	20	0*	41	153
1,1,2,2-Tetrachloroethane	1	0	0	20	0*	36	152
Styrene	1	0	0	20	0*	34	170
m&p-Xylenes	1	0	0	40	0*	16	184
o-Xylene	1	0	0	20	0*	31	166
trans-1,4-Dichloro-2-butene	1	0	0	20	0*	10	154
1,3-Dichlorobenzene	1	0	0	20	0*	46	147
1,4-Dichlorobenzene	1	0	0	20	0*	37	156
1,2-Dichlorobenzene	1	0	0	20	0*	42	150
Isopropylbenzene	1	0	0	20	0*	32	174
Cyclohexanone	1	0	0	100	0*	10	254
1,2,3-Trichloropropane	1	0	0	20	0*	20	164
2-Chlorotoluene	1	0	0	20	0*	43	153
4-Chlorotoluene	1	0	0	20	0*	34	160
n-Propylbenzene	1	0	0	20	0*	36	170
Bromobenzene	1	0	0	20	0*	44	142
1,3,5-Trimethylbenzene	1	0	0	20	0*	37	165
Butyl methacrylate	1	0	0	20	0*	30	169
t-Butylbenzene	1	0	0	20	0*	48	152
1,2,4-Trimethylbenzene	1	0	0	20	0*	38	162
sec-Butylbenzene	1	0	0	20	0*	42	164
4-Isopropyltoluene	1	0	0	20	0*	40	162
n-Butylbenzene	1	0	0	20	0*	30	176
1,2,4,5-Tetramethylbenzene	1	0	0	20	0*	18	177
1,2-Dibromo-3-Chloropropane	1	0	0	20	0*	32	154
Hexachlorobutadiene	1	0	0	20	0*	23	181
1,2,4-Trichlorobenzene	1	0	0	20	0*	28	169
1,2,3-Trichlorobenzene	1	0	0	20	0*	30	172
Naphthalene	1	0	0	20	0*	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211766.D	AD56657-007(50X)(T:MSD)	12/3/2025 2:13:00 AM
Duplicate(If applicable):	1M211765.D	AD56657-007(50X)(T:MS)	12/3/2025 1:53:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
Chlorodifluoromethane	1	0	0	NA	78
Dichlorodifluoromethane	1	0	0	NA	62
Chloromethane	1	0	0	NA	67
Bromomethane	1	0	0	NA	65
Vinyl Chloride	1	0	0	NA	55
Chloroethane	1	0	0	NA	59
Trichlorofluoromethane	1	0	0	NA	56
Ethyl ether	1	0	0	NA	55
Furan	1	0	0	NA	55
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0	0	NA	58
Methylene Chloride	1	0	0	NA	36
Acrolein	1	0	0	NA	66
Acrylonitrile	1	0	0	NA	59
Acetone	1	0	0	NA	85
Carbon Disulfide	1	0	0	NA	61
t-Butyl Alcohol	1	0	0	NA	78
n-Hexane	1	0	0	NA	56
Di-isopropyl-ether	1	0	0	NA	54
1,1-Dichloroethene	1	0	0	NA	56
Methyl Acetate	1	0	0	NA	71
Methyl-t-butyl ether	1	0	0	NA	53
1,1-Dichloroethane	1	0	0	NA	54
trans-1,2-Dichloroethene	1	0	0	NA	54
Ethyl-t-butyl ether	1	0	0	NA	53
cis-1,2-Dichloroethene	1	0	0	NA	53
Bromochloromethane	1	0	0	NA	54
2,2-Dichloropropane	1	0	0	NA	55
Ethyl acetate	1	0	0	NA	56
1,4-Dioxane	1	0	0	NA	95
1,1-Dichloropropene	1	0	0	NA	54
Chloroform	1	0	0	NA	53
Cyclohexane	1	0	0	NA	55
1,2-Dichloroethane	1	0	0	NA	52
2-Butanone	1	0	0	NA	58
1,1,1-Trichloroethane	1	0	0	NA	54
Carbon Tetrachloride	1	0	0	NA	54
Vinyl Acetate	1	0	0	NA	55
Bromodichloromethane	1	0	0	NA	53
Methylcyclohexane	1	0	0	NA	55
Dibromomethane	1	0	0	NA	53
1,2-Dichloropropane	1	0	0	NA	53
Trichloroethene	1	0	0	NA	54
Benzene	1	0	0	NA	52
tert-Amyl methyl ether	1	0	0	NA	52
Iso-propylacetate	1	0	0	NA	54
Methyl methacrylate	1	0	0	NA	55
Dibromochloromethane	1	0	0	NA	52
2-Chloroethylvinylether	1	0	0	NA	224
cis-1,3-Dichloropropene	1	0	0	NA	53
trans-1,3-Dichloropropene	1	0	0	NA	53
Ethyl methacrylate	1	0	0	NA	55
1,1,2-Trichloroethane	1	0	0	NA	52
1,2-Dibromoethane	1	0	0	NA	52
1,3-Dichloropropane	1	0	0	NA	53
4-Methyl-2-Pentanone	1	0	0	NA	69
2-Hexanone	1	0	0	NA	54
Tetrachloroethene	1	0	0	NA	53
Toluene	1	0	0	NA	53
1,1,1,2-Tetrachloroethane	1	0	0	NA	53
Chlorobenzene	1	0	0	NA	53
n-Butyl acrylate	1	0	0	NA	72

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits

QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
n-Amyl acetate	1	0	0	NA	72
Bromoform	1	0	0	NA	54
Ethylbenzene	1	0	0	NA	57
1,1,2,2-Tetrachloroethane	1	0	0	NA	58
Styrene	1	0	0	NA	56
m&p-Xylenes	1	0	0	NA	107
o-Xylene	1	0	0	NA	55
trans-1,4-Dichloro-2-butene	1	0	0	NA	71
1,3-Dichlorobenzene	1	0	0	NA	53
1,4-Dichlorobenzene	1	0	0	NA	68
1,2-Dichlorobenzene	1	0	0	NA	53
Isopropylbenzene	1	0	0	NA	53
Cyclohexanone	1	0	0	NA	77
1,2,3-Trichloropropane	1	0	0	NA	54
2-Chlorotoluene	1	0	0	NA	55
4-Chlorotoluene	1	0	0	NA	55
n-Propylbenzene	1	0	0	NA	51
Bromobenzene	1	0	0	NA	72
1,3,5-Trimethylbenzene	1	0	0	NA	56
Butyl methacrylate	1	0	0	NA	83
t-Butylbenzene	1	0	0	NA	70
1,2,4-Trimethylbenzene	1	0	0	NA	72
sec-Butylbenzene	1	0	0	NA	54
4-Isopropyltoluene	1	0	0	NA	69
n-Butylbenzene	1	0	0	NA	55
1,2,4,5-Tetramethylbenzene	1	0	0	NA	51
1,2-Dibromo-3-Chloropropane	1	0	0	NA	56
Hexachlorobutadiene	1	0	0	NA	69
1,2,4-Trichlorobenzene	1	0	0	NA	87
1,2,3-Trichlorobenzene	1	0	0	NA	81
Naphthalene	1	0	0	NA	80

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211762.D	MBS128431	12/3/2025 12:54:00 AM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	13.9715	0	20	70	16	181
Dichlorodifluoromethane	1	17.1924	0	20	86	10	202
Chloromethane	1	16.2231	0	20	81	10	182
Bromomethane	1	11.7707	0	20	59	10	172
Vinyl Chloride	1	18.4343	0	20	92	26	176
Chloroethane	1	21.1572	0	20	106	28	165
Trichlorofluoromethane	1	21.5268	0	20	108	18	178
Ethyl ether	1	17.1387	0	20	86	38	155
Furan	1	18.3521	0	20	92	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	16.8692	0	20	84	32	178
Methylene Chloride	1	18.0078	0	20	90	10	225
Acrolein	1	62.1191	0	100	62	10	183
Acrylonitrile	1	16.3891	0	20	82	40	164
Acetone	1	96.4712	0	100	96	10	237
Carbon Disulfide	1	19.9379	0	20	100	10	194
t-Butyl Alcohol	1	84.5127	0	100	85	21	185
n-Hexane	1	16.895	0	20	84	43	179
Di-isopropyl-ether	1	18.1776	0	20	91	47	159
1,1-Dichloroethene	1	20.0481	0	20	100	42	172
Methyl Acetate	1	17.4483	0	20	87	10	192
Methyl-t-butyl ether	1	17.8605	0	20	89	43	154
1,1-Dichloroethane	1	19.5785	0	20	98	48	160
trans-1,2-Dichloroethene	1	18.5857	0	20	93	37	171
Ethyl-t-butyl ether	1	18.2011	0	20	91	53	149
cis-1,2-Dichloroethene	1	18.1309	0	20	91	45	161
Bromochloromethane	1	19.3991	0	20	97	42	170
2,2-Dichloropropane	1	19.8905	0	20	99	33	173
Ethyl acetate	1	18.1779	0	20	91	38	156
1,4-Dioxane	1	844.8536	0	1000	84	18	186
1,1-Dichloropropene	1	18.8616	0	20	94	51	157
Chloroform	1	19.1249	0	20	96	47	157
Cyclohexane	1	17.7689	0	20	89	41	175
1,2-Dichloroethane	1	19.1085	0	20	96	43	154
2-Butanone	1	17.296	0	20	86	20	188
1,1,1-Trichloroethane	1	18.8427	0	20	94	49	155
Carbon Tetrachloride	1	19.4422	0	20	97	47	159
Vinyl Acetate	1	17.6367	0	20	88	31	160
Bromodichloromethane	1	18.8417	0	20	94	48	152
Methylcyclohexane	1	17.612	0	20	88	47	167
Dibromomethane	1	17.4456	0	20	87	47	153
1,2-Dichloropropane	1	18.2443	0	20	91	53	153
Trichloroethene	1	19.1942	0	20	96	45	165
Benzene	1	19.0396	0	20	95	41	163
tert-Amyl methyl ether	1	18.2055	0	20	91	51	146
Iso-propylacetate	1	19.3361	0	20	97	37	153
Methyl methacrylate	1	19.6931	0	20	98	40	160
Dibromochloromethane	1	16.8852	0	20	84	50	144
2-Chloroethylvinylether	1	17.5737	0	20	88	10	201
cis-1,3-Dichloropropene	1	20.2035	0	20	101	49	146
trans-1,3-Dichloropropene	1	18.8256	0	20	94	48	144
Ethyl methacrylate	1	19.4079	0	20	97	38	160
1,1,2-Trichloroethane	1	19.3606	0	20	97	52	146
1,2-Dibromoethane	1	17.4997	0	20	87	55	140
1,3-Dichloropropane	1	18.473	0	20	92	54	142
4-Methyl-2-Pentanone	1	19.455	0	20	97	41	158
2-Hexanone	1	19.9941	0	20	100	39	163
Tetrachloroethene	1	18.0543	0	20	90	48	162
Toluene	1	19.0346	0	20	95	49	153
1,1,1,2-Tetrachloroethane	1	18.7104	0	20	94	51	140
Chlorobenzene	1	17.351	0	20	87	43	155
n-Butyl acrylate	1	17.5946	0	20	88	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	17.61	0	20	88	20	182
Bromoform	**1**	**17.2826**	**0**	**20**	**86**	**47**	**137**
Ethylbenzene	**1**	**19.2027**	**0**	**20**	**96**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**15.9733**	**0**	**20**	**80**	**36**	**152**
Styrene	**1**	**17.7609**	**0**	**20**	**89**	**34**	**170**
m&p-Xylenes	**1**	**36.2989**	**0**	**40**	**91**	**16**	**184**
o-Xylene	**1**	**17.6832**	**0**	**20**	**88**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	15.7288	0	20	79	10	154
1,3-Dichlorobenzene	**1**	**17.1785**	**0**	**20**	**86**	**46**	**147**
1,4-Dichlorobenzene	**1**	**17.6375**	**0**	**20**	**88**	**37**	**156**
1,2-Dichlorobenzene	**1**	**17.4176**	**0**	**20**	**87**	**42**	**150**
Isopropylbenzene	**1**	**17.9188**	**0**	**20**	**90**	**32**	**174**
Cyclohexanone	1	110.5482	0	100	111	10	254
1,2,3-Trichloropropane	1	17.7471	0	20	89	20	164
2-Chlorotoluene	1	17.85	0	20	89	43	153
4-Chlorotoluene	1	17.6792	0	20	88	34	160
n-Propylbenzene	1	18.7742	0	20	94	30	176
Bromobenzene	1	18.0692	0	20	90	44	142
1,3,5-Trimethylbenzene	1	18.3547	0	20	92	37	165
Butyl methacrylate	1	18.2849	0	20	91	30	169
t-Butylbenzene	1	17.3413	0	20	87	48	162
1,2,4-Trimethylbenzene	1	17.5587	0	20	88	38	162
sec-Butylbenzene	1	17.9712	0	20	90	42	164
4-Isopropyltoluene	1	17.6986	0	20	88	40	162
n-Butylbenzene	1	18.0469	0	20	90	30	176
1,2,4,5-Tetramethylbenzene	1	17.9567	0	20	90	18	177
1,2-Dibromo-3-Chloropropane	**1**	**17.0448**	**0**	**20**	**85**	**32**	**154**
Hexachlorobutadiene	1	18.5651	0	20	93	23	181
1,2,4-Trichlorobenzene	**1**	**18.3261**	**0**	**20**	**92**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**19.2866**	**0**	**20**	**96**	**30**	**172**
Naphthalene	1	19.5232	0	20	98	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211763.D	AD56733-008(MS:AD56733-007	12/3/2025 1:14:00 AM
Non Spike(If applicable):	1M211758.D	AD56733-007	12/2/2025 11:36:00 PM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	15.0206	0	20	75	16	181
Dichlorodifluoromethane	1	14.8886	0	20	74	10	202
Chloromethane	1	18.4561	0	20	92	10	182
Bromomethane	1	13.128	0	20	66	10	172
Vinyl Chloride	1	18.5314	0	20	93	26	176
Chloroethane	1	21.9658	0	20	110	28	165
Trichlorofluoromethane	1	23.075	0	20	115	18	178
Ethyl ether	1	18.3493	0	20	92	38	155
Furan	1	19.8776	0	20	99	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	17.746	0	20	89	32	178
Methylene Chloride	1	17.6375	0	20	88	10	225
Acrolein	1	68.5863	0	100	69	10	183
Acrylonitrile	1	16.8044	0	20	84	40	164
Acetone	1	89.9087	0	100	90	10	237
Carbon Disulfide	1	20.1356	0	20	101	10	194
t-Butyl Alcohol	1	89.6663	0	100	90	21	185
n-Hexane	1	16.4106	0	20	82	43	179
Di-isopropyl-ether	1	18.828	0	20	94	47	159
1,1-Dichloroethene	1	18.9877	0	20	95	42	172
Methyl Acetate	1	18.5126	0	20	93	10	192
Methyl-t-butyl ether	1	18.4968	0	20	92	43	154
1,1-Dichloroethane	1	18.7397	0	20	94	48	160
trans-1,2-Dichloroethene	1	18.995	0	20	95	37	171
Ethyl-t-butyl ether	1	18.1028	0	20	91	53	149
cis-1,2-Dichloroethene	1	18.7649	0	20	94	45	161
Bromochloromethane	1	19.1908	0	20	96	42	170
2,2-Dichloropropane	1	19.0055	0	20	95	33	173
Ethyl acetate	1	17.8836	0	20	89	38	156
1,4-Dioxane	1	928.7509	0	1000	93	18	186
1,1-Dichloropropene	1	19.0346	0	20	95	51	157
Chloroform	1	18.724	0	20	94	47	157
Cyclohexane	1	17.9333	0	20	90	41	175
1,2-Dichloroethane	1	18.5007	0	20	93	43	154
2-Butanone	1	17.3989	0	20	87	20	188
1,1,1-Trichloroethane	1	19.2678	0	20	96	49	155
Carbon Tetrachloride	1	20.5443	0	20	103	47	159
Vinyl Acetate	1	19.2109	0	20	96	31	160
Bromodichloromethane	1	18.2764	0	20	91	48	152
Methylcyclohexane	1	18.0582	0	20	90	47	167
Dibromomethane	1	17.5322	0	20	88	47	153
1,2-Dichloropropane	1	18.5286	0	20	93	53	153
Trichloroethene	1	19.1535	0	20	96	45	165
Benzene	1	18.7922	0	20	94	41	163
tert-Amyl methyl ether	1	18.0295	0	20	90	51	146
Iso-propylacetate	1	17.9079	0	20	90	37	153
Methyl methacrylate	1	18.5211	0	20	93	40	160
Dibromochloromethane	1	17.165	0	20	86	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	18.2112	0	20	91	49	146
trans-1,3-Dichloropropene	1	17.6256	0	20	88	48	144
Ethyl methacrylate	1	18.6918	0	20	93	38	160
1,1,2-Trichloroethane	1	17.667	0	20	88	52	146
1,2-Dibromoethane	1	17.2189	0	20	86	55	140
1,3-Dichloropropane	1	17.2327	0	20	86	54	142
4-Methyl-2-Pentanone	1	18.0692	0	20	90	41	158
2-Hexanone	1	18.5922	0	20	93	39	163
Tetrachloroethene	1	18.8186	0	20	94	48	156
Toluene	1	18.2827	0	20	91	49	153
1,1,1,2-Tetrachloroethane	1	17.3417	0	20	87	51	140
Chlorobenzene	1	17.6924	0	20	88	43	155
n-Butyl acrylate	1	18.3063	0	20	92	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	18.6657	0	20	93	20	182
Bromoform	**1**	**17.1367**	**0**	**20**	**86**	**47**	**137**
Ethylbenzene	**1**	**18.2612**	**0**	**20**	**91**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**16.9777**	**0**	**20**	**85**	**36**	**152**
Styrene	**1**	**17.7554**	**0**	**20**	**89**	**34**	**170**
m&p-Xylenes	**1**	**36.625**	**0**	**40**	**92**	**16**	**184**
o-Xylene	**1**	**17.6865**	**0**	**20**	**88**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	17.6873	0	20	88	10	154
1,3-Dichlorobenzene	**1**	**16.3634**	**0**	**20**	**82**	**46**	**147**
1,4-Dichlorobenzene	**1**	**17.5315**	**0**	**20**	**88**	**37**	**156**
1,2-Dichlorobenzene	**1**	**17.4519**	**0**	**20**	**87**	**42**	**150**
Isopropylbenzene	**1**	**22.757**	**4.773**	**20**	**90**	**32**	**174**
Cyclohexanone	1	18.7383	0	100	19	10	254
1,2,3-Trichloropropane	1	18.5085	0	20	93	20	164
2-Chlorotoluene	1	17.3801	0	20	87	43	153
4-Chlorotoluene	1	17.2791	0	20	86	34	160
n-Propylbenzene	1	22.3264	0	20	112	36	170
Bromobenzene	1	18.5735	0	20	93	44	142
1,3,5-Trimethylbenzene	1	17.3723	0	20	87	37	165
Butyl methacrylate	1	19.2788	0	20	96	30	169
t-Butylbenzene	1	16.9547	0	20	85	48	152
1,2,4-Trimethylbenzene	1	16.7226	0	20	84	38	162
sec-Butylbenzene	1	19.9627	0	20	100	42	164
4-Isopropyltoluene	1	17.0585	0	20	85	40	162
n-Butylbenzene	1	18.977	0	20	95	30	176
1,2,4,5-Tetramethylbenzene	1	36.6602	0	20	183*	18	177
1,2-Dibromo-3-Chloropropane	**1**	**16.3246**	**0**	**20**	**82**	**32**	**154**
Hexachlorobutadiene	1	15.7143	0	20	79	23	181
1,2,4-Trichlorobenzene	**1**	**18.5425**	**0**	**20**	**93**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**19.1124**	**0**	**20**	**96**	**30**	**172**
Naphthalene	1	21.5082	0	20	108	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211764.D	AD56733-009(MSD:AD56733-0	12/3/2025 1:33:00 AM
Non Spike(If applicable):	1M211758.D	AD56733-007	12/2/2025 11:36:00 PM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	17.3904	0	20	87	16	181
Dichlorodifluoromethane	1	15.7877	0	20	79	10	202
Chloromethane	1	19.9379	0	20	100	10	182
Bromomethane	1	14.5707	0	20	73	10	172
Vinyl Chloride	1	19.1972	0	20	96	26	176
Chloroethane	1	23.8952	0	20	119	28	165
Trichlorofluoromethane	1	24.2925	0	20	121	18	178
Ethyl ether	1	19.0993	0	20	95	38	155
Furan	1	20.6847	0	20	103	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	18.5054	0	20	93	32	178
Methylene Chloride	1	19.6904	0	20	98	10	225
Acrolein	1	67.2788	0	100	67	10	183
Acrylonitrile	1	18.336	0	20	92	40	164
Acetone	1	94.7734	0	100	95	10	237
Carbon Disulfide	1	21.8967	0	20	109	10	194
t-Butyl Alcohol	1	89.4083	0	100	89	21	185
n-Hexane	1	17.6798	0	20	88	43	179
Di-isopropyl-ether	1	19.4539	0	20	97	47	159
1,1-Dichloroethene	1	20.0687	0	20	100	42	172
Methyl Acetate	1	18.2059	0	20	91	10	192
Methyl-t-butyl ether	1	19.4093	0	20	97	43	154
1,1-Dichloroethane	1	20.4041	0	20	102	48	160
trans-1,2-Dichloroethene	1	19.7625	0	20	99	37	171
Ethyl-t-butyl ether	1	19.2089	0	20	96	53	149
cis-1,2-Dichloroethene	1	19.4673	0	20	97	45	161
Bromochloromethane	1	19.1107	0	20	96	42	170
2,2-Dichloropropane	1	20.8101	0	20	104	33	173
Ethyl acetate	1	18.7055	0	20	94	38	156
1,4-Dioxane	1	953.0176	0	1000	95	18	186
1,1-Dichloropropene	1	20.0854	0	20	100	51	157
Chloroform	1	19.6078	0	20	98	47	157
Cyclohexane	1	18.8757	0	20	94	41	175
1,2-Dichloroethane	1	19.503	0	20	98	43	154
2-Butanone	1	18.8026	0	20	94	20	188
1,1,1-Trichloroethane	1	20.3636	0	20	102	49	155
Carbon Tetrachloride	1	20.7204	0	20	104	47	159
Vinyl Acetate	1	20.4915	0	20	102	31	160
Bromodichloromethane	1	20.0142	0	20	100	48	152
Methylcyclohexane	1	18.3747	0	20	92	47	167
Dibromomethane	1	20.1322	0	20	101	47	153
1,2-Dichloropropane	1	19.9484	0	20	100	53	153
Trichloroethene	1	19.372	0	20	97	45	165
Benzene	1	19.5592	0	20	98	41	163
tert-Amyl methyl ether	1	19.1858	0	20	96	51	146
Iso-propylacetate	1	18.6709	0	20	93	37	153
Methyl methacrylate	1	19.0324	0	20	95	40	160
Dibromochloromethane	1	19.8928	0	20	99	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	19.3867	0	20	97	49	146
trans-1,3-Dichloropropene	1	19.1423	0	20	96	48	144
Ethyl methacrylate	1	20.4163	0	20	102	38	160
1,1,2-Trichloroethane	1	20.1136	0	20	101	52	146
1,2-Dibromoethane	1	18.139	0	20	91	55	140
1,3-Dichloropropane	1	18.8883	0	20	94	54	142
4-Methyl-2-Pentanone	1	19.398	0	20	97	41	158
2-Hexanone	1	19.8472	0	20	99	39	163
Tetrachloroethene	1	20.1545	0	20	101	48	156
Toluene	1	19.4999	0	20	97	49	153
1,1,1,2-Tetrachloroethane	1	18.6157	0	20	93	51	140
Chlorobenzene	1	18.5383	0	20	93	43	155
n-Butyl acrylate	1	19.5355	0	20	98	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	19.6339	0	20	98	20	182
Bromoform	**1**	**18.4177**	**0**	**20**	**92**	**47**	**137**
Ethylbenzene	**1**	**20.3648**	**0**	**20**	**102**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**17.7852**	**0**	**20**	**89**	**36**	**152**
Styrene	**1**	**19.7328**	**0**	**20**	**99**	**34**	**170**
m&p-Xylenes	**1**	**38.842**	**0**	**40**	**97**	**16**	**184**
o-Xylene	**1**	**19.4079**	**0**	**20**	**97**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	19.1354	0	20	96	10	154
1,3-Dichlorobenzene	**1**	**18.0559**	**0**	**20**	**90**	**46**	**147**
1,4-Dichlorobenzene	**1**	**18.3065**	**0**	**20**	**92**	**37**	**156**
1,2-Dichlorobenzene	**1**	**18.9172**	**0**	**20**	**95**	**42**	**150**
Isopropylbenzene	**1**	**24.3354**	**4.773**	**20**	**98**	**32**	**174**
Cyclohexanone	1	20.1736	0	100	20	10	254
1,2,3-Trichloropropane	1	19.2749	0	20	96	20	164
2-Chlorotoluene	1	18.3867	0	20	92	43	153
4-Chlorotoluene	1	19.1542	0	20	96	34	160
n-Propylbenzene	1	24.0202	0	20	120	36	170
Bromobenzene	1	19.3014	0	20	97	44	142
1,3,5-Trimethylbenzene	1	18.8326	0	20	94	37	165
Butyl methacrylate	1	20.7065	0	20	104	30	169
t-Butylbenzene	1	18.4337	0	20	92	48	152
1,2,4-Trimethylbenzene	1	17.7387	0	20	89	38	162
sec-Butylbenzene	1	21.0762	0	20	105	42	164
4-Isopropyltoluene	1	17.8217	0	20	89	40	162
n-Butylbenzene	1	30.6702	0	20	153	30	176
1,2,4,5-Tetramethylbenzene	1	38.8672	0	20	194*	18	177
1,2-Dibromo-3-Chloropropane	**1**	**17.987**	**0**	**20**	**90**	**32**	**154**
Hexachlorobutadiene	1	17.9452	0	20	90	23	181
1,2,4-Trichlorobenzene	**1**	**20.4714**	**0**	**20**	**102**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**21.0296**	**0**	**20**	**105**	**30**	**172**
Naphthalene	1	23.414	0	20	117	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211764.D	AD56733-009(MSD:AD56733-0	12/3/2025 1:33:00 AM
Duplicate(If applicable):	1M211763.D	AD56733-008(MS:AD56733-007	12/3/2025 1:14:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
Chlorodifluoromethane	1	17.3904	15.0206	15	78
Dichlorodifluoromethane	**1**	**15.7877**	**14.8886**	**5.9**	**62**
Chloromethane	**1**	**19.9379**	**18.4561**	**7.7**	**67**
Bromomethane	**1**	**14.5707**	**13.128**	**10**	**65**
Vinyl Chloride	**1**	**19.1972**	**18.5314**	**3.5**	**55**
Chloroethane	**1**	**23.8952**	**21.9658**	**8.4**	**59**
Trichlorofluoromethane	**1**	**24.2925**	**23.075**	**5.1**	**56**
Ethyl ether	1	19.0993	18.3493	4	55
Furan	1	20.6847	19.8776	4	55
1,1,2-Trichloro-1,2,2-trifluoroethane	**1**	**18.5054**	**17.746**	**4.2**	**58**
Methylene Chloride	**1**	**19.6904**	**17.6375**	**11**	**36**
Acrolein	1	67.2788	68.5863	1.9	66
Acrylonitrile	1	18.336	16.8044	8.7	59
Acetone	**1**	**94.7734**	**89.9087**	**5.3**	**85**
Carbon Disulfide	**1**	**21.8967**	**20.1356**	**8.4**	**61**
t-Butyl Alcohol	1	89.4083	89.6663	0.29	78
n-Hexane	1	17.6798	16.4106	7.4	56
Di-isopropyl-ether	1	19.4539	18.828	3.3	54
1,1-Dichloroethene	**1**	**20.0687**	**18.9877**	**5.5**	**56**
Methyl Acetate	**1**	**18.2059**	**18.5126**	**1.7**	**71**
Methyl-t-butyl ether	**1**	**19.4093**	**18.4968**	**4.8**	**53**
1,1-Dichloroethane	**1**	**20.4041**	**18.7397**	**8.5**	**54**
trans-1,2-Dichloroethene	**1**	**19.7625**	**18.995**	**4**	**54**
Ethyl-t-butyl ether	1	19.2089	18.1028	5.9	53
cis-1,2-Dichloroethene	**1**	**19.4673**	**18.7649**	**3.7**	**53**
Bromochloromethane	**1**	**19.1107**	**19.1908**	**0.42**	**54**
2,2-Dichloropropane	1	20.8101	19.0055	9.1	55
Ethyl acetate	1	18.7055	17.8836	4.5	56
1,4-Dioxane	**1**	**953.0176**	**928.7509**	**2.6**	**95**
1,1-Dichloropropene	1	20.0854	19.0346	5.4	54
Chloroform	**1**	**19.6078**	**18.724**	**4.6**	**53**
Cyclohexane	**1**	**18.8757**	**17.9333**	**5.1**	**55**
1,2-Dichloroethane	**1**	**19.503**	**18.5007**	**5.3**	**52**
2-Butanone	**1**	**18.8026**	**17.3989**	**7.8**	**58**
1,1,1-Trichloroethane	**1**	**20.3636**	**19.2678**	**5.5**	**54**
Carbon Tetrachloride	**1**	**20.7204**	**20.5443**	**0.85**	**54**
Vinyl Acetate	1	20.4915	19.2109	6.5	55
Bromodichloromethane	**1**	**20.0142**	**18.2764**	**9.1**	**53**
Methylcyclohexane	**1**	**18.3747**	**18.0582**	**1.7**	**55**
Dibromomethane	1	20.1322	17.5322	14	53
1,2-Dichloropropane	**1**	**19.9484**	**18.5286**	**7.4**	**53**
Trichloroethene	**1**	**19.372**	**19.1535**	**1.1**	**54**
Benzene	**1**	**19.5592**	**18.7922**	**4**	**52**
tert-Amyl methyl ether	1	19.1858	18.0295	6.2	52
Iso-propylacetate	1	18.6709	17.9079	4.2	54
Methyl methacrylate	1	19.0324	18.5211	2.7	55
Dibromochloromethane	**1**	**19.8928**	**17.165**	**15**	**52**
2-Chloroethylvinylether	1	0	0	NA	224
cis-1,3-Dichloropropene	**1**	**19.3867**	**18.2112**	**6.3**	**53**
trans-1,3-Dichloropropene	**1**	**19.1423**	**17.6256**	**8.3**	**53**
Ethyl methacrylate	1	20.4163	18.6918	8.8	55
1,1,2-Trichloroethane	**1**	**20.1136**	**17.667**	**13**	**52**
1,2-Dibromoethane	**1**	**18.139**	**17.2189**	**5.2**	**52**
1,3-Dichloropropane	1	18.8883	17.2327	9.2	53
4-Methyl-2-Pentanone	**1**	**19.398**	**18.0692**	**7.1**	**69**
2-Hexanone	**1**	**19.8472**	**18.5922**	**6.5**	**54**
Tetrachloroethene	**1**	**20.1545**	**18.8186**	**6.9**	**53**
Toluene	**1**	**19.4999**	**18.2827**	**6.4**	**53**
1,1,1,2-Tetrachloroethane	1	18.6157	17.3417	7.1	53
Chlorobenzene	**1**	**18.5383**	**17.6924**	**4.7**	**53**
n-Butyl acrylate	1	19.5355	18.3063	6.5	72

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
n-Amyl acetate	1	19.6339	18.6657	5.1	72
Bromoform	**1**	**18.4177**	**17.1367**	**7.2**	**54**
Ethylbenzene	**1**	**20.3648**	**18.2612**	**11**	**57**
1,1,2,2-Tetrachloroethane	**1**	**17.7852**	**16.9777**	**4.6**	**58**
Styrene	**1**	**19.7328**	**17.7554**	**11**	**56**
m&p-Xylenes	**1**	**38.842**	**36.625**	**5.9**	**107**
o-Xylene	**1**	**19.4079**	**17.6865**	**9.3**	**55**
trans-1,4-Dichloro-2-butene	1	19.1354	17.6873	7.9	71
1,3-Dichlorobenzene	**1**	**18.0559**	**16.3634**	**9.8**	**53**
1,4-Dichlorobenzene	**1**	**18.3065**	**17.5315**	**4.3**	**68**
1,2-Dichlorobenzene	**1**	**18.9172**	**17.4519**	**8.1**	**53**
Isopropylbenzene	**1**	**24.3354**	**22.757**	**6.7**	**53**
Cyclohexanone	1	20.1736	18.7383	7.4	77
1,2,3-Trichloropropane	1	19.2749	18.5085	4.1	54
2-Chlorotoluene	1	18.3867	17.3801	5.6	55
4-Chlorotoluene	1	19.1542	17.2791	10	55
n-Propylbenzene	1	24.0202	22.3264	7.3	51
Bromobenzene	1	19.3014	18.5735	3.8	72
1,3,5-Trimethylbenzene	1	18.8326	17.3723	8.1	56
Butyl methacrylate	1	20.7065	19.2788	7.1	83
t-Butylbenzene	1	18.4337	16.9547	8.4	70
1,2,4-Trimethylbenzene	1	17.7387	16.7226	5.9	72
sec-Butylbenzene	1	21.0762	19.9627	5.4	54
4-Isopropyltoluene	1	17.8217	17.0585	4.4	69
n-Butylbenzene	1	30.6702	18.977	47	55
1,2,4,5-Tetramethylbenzene	1	38.8672	36.6602	5.8	51
1,2-Dibromo-3-Chloropropane	**1**	**17.987**	**16.3246**	**9.7**	**56**
Hexachlorobutadiene	1	17.9452	15.7143	13	69
1,2,4-Trichlorobenzene	**1**	**20.4714**	**18.5425**	**9.9**	**87**
1,2,3-Trichlorobenzene	**1**	**21.0296**	**19.1124**	**9.6**	**81**
Naphthalene	1	23.414	21.5082	8.5	80

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M211757.D
Matrix: Aqueous

Blank Analysis Date: 12/02/25 23:16
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260D

Sample Number	Data File	Analysis Date
AD56733-001	1M211773.D	12/03/25 04:31
AD56733-002	1M211775.D	12/03/25 05:10
AD56733-003	1M211760.D	12/03/25 00:15
AD56733-004	1M211776.D	12/03/25 05:30
AD56733-005	1M211777.D	12/03/25 05:49
AD56733-006	1M211778.D	12/03/25 06:09
AD56733-007	1M211758.D	12/02/25 23:36
AD56733-008(MS:	1M211763.D	12/03/25 01:14
AD56733-009(MSD	1M211764.D	12/03/25 01:33
AD56733-010	1M211759.D	12/02/25 23:55
AD56733-011	1M211779.D	12/03/25 06:28
AD56657-007(50X)	1M211765.D	12/03/25 01:53
AD56657-007(50X)	1M211767.D	12/03/25 02:32
AD56657-007(50X)	1M211766.D	12/03/25 02:13
MBS128431	1M211762.D	12/03/25 00:54
MBS128430	1M211761.D	12/03/25 00:35

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M211467.D
Analysis Date: 11/24/25 22:50
Method: EPA 8260D

Tune Scan/Time Range: Average of 7.440 to 7.470 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	18.7	2692	PASS
75	95	30	60	51.9	7467	PASS
95	95	100	100	100.0	14376	PASS
96	95	5	9	6.7	969	PASS
173	174	0.00	2	1.0	149	PASS
174	95	50	100	99.1	14252	PASS
175	174	5	9	8.4	1193	PASS
176	174	95	101	98.5	14036	PASS
177	176	5	9	6.8	961	PASS

Data File	Sample Number	Analysis Date:
1M211469.D	CAL @ 0.5 PPB	11/24/25 23:24
1M211470.D	CAL @ 1 PPB	11/24/25 23:44
1M211471.D	CAL @ 5 PPB	11/25/25 00:03
1M211473.D	CAL @ 10 PPB	11/25/25 00:43
1M211475.D	CAL @ 20 PPB	11/25/25 01:22
1M211477.D	CAL @ 50 PPB	11/25/25 02:01
1M211480.D	CAL @ 100 PPB	11/25/25 03:00
1M211483.D	CAL @ 250 PPB	11/25/25 03:58
1M211487.D	CAL @ 500 PPB	11/25/25 05:17
1M211493.D	std	11/25/25 07:14
1M211494.D	ICV	11/25/25 07:34

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M211751.D
Analysis Date: 12/02/25 21:23
Method: EPA 8260D

Tune Scan/Time Range: Average of 7.433 to 7.458 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.1	2304	PASS
75	95	30	60	52.5	6021	PASS
95	95	100	100	100.0	11461	PASS
96	95	5	9	7.4	845	PASS
173	174	0.00	2	1.5	163	PASS
174	95	50	100	96.8	11097	PASS
175	174	5	9	8.2	908	PASS
176	174	95	101	99.0	10985	PASS
177	176	5	9	7.2	796	PASS

Data File	Sample Number	Analysis Date:
1M211753.D	20 PPB	12/02/25 21:58
1M211754.D	CAL @ 20 PPB	12/02/25 22:18
1M211756.D	DAILY BLANK	12/02/25 22:57
1M211757.D	DAILY BLANK	12/02/25 23:16
1M211758.D	AD56733-007	12/02/25 23:36
1M211759.D	AD56733-010	12/02/25 23:55
1M211760.D	AD56733-003	12/03/25 00:15
1M211761.D	MBS128430	12/03/25 00:35
1M211762.D	MBS128431	12/03/25 00:54
1M211763.D	AD56733-008(MS:	12/03/25 01:14
1M211764.D	AD56733-009(MSD	12/03/25 01:33
1M211765.D	AD56657-007(50X)	12/03/25 01:53
1M211766.D	AD56657-007(50X)	12/03/25 02:13
1M211767.D	AD56657-007(50X)	12/03/25 02:32
1M211768.D	AD56657-008(50X)	12/03/25 02:52
1M211769.D	AD56657-009(50X)	12/03/25 03:12
1M211770.D	AD56657-010(50X)	12/03/25 03:32
1M211771.D	AD56657-011(50X)	12/03/25 03:52
1M211772.D	AD56657-012(50X)	12/03/25 04:12
1M211773.D	AD56733-001	12/03/25 04:31
1M211774.D	AD56743-011	12/03/25 04:51
1M211775.D	AD56733-002	12/03/25 05:10
1M211776.D	AD56733-004	12/03/25 05:30
1M211777.D	AD56733-005	12/03/25 05:49
1M211778.D	AD56733-006	12/03/25 06:09
1M211779.D	AD56733-011	12/03/25 06:28
1M211780.D	AD56743-001	12/03/25 06:48
1M211781.D	AD56743-007	12/03/25 07:07
1M211782.D	56743-002	12/03/25 07:27
1M211783.D	56743-004	12/03/25 07:46
1M211784.D	STD	12/03/25 08:06

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FORM8

Internal Standard Areas

Evaluation Std Data File: 1M211475.D Method: EPA 8260D

Analysis Date/Time: 11/25/25 01:22

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	89170	5.19	88619	6.82	55505	8.12								
Eval File Area Limit:	44585-178340		44310-177238		27752-111010									
Eval File Rt Limit:	4.69-5.69		6.32-7.32		7.62-8.62									

Data File	Sample#						
1M211469.D	CAL @ 0.5 PPB	107606	5.19	104693	6.83	59494	8.12
1M211470.D	CAL @ 1 PPB	83396	5.19	81156	6.82	48470	8.12
1M211471.D	CAL @ 5 PPB	78028	5.19	76536	6.82	47146	8.12
1M211473.D	CAL @ 10 PPB	95286	5.19	93904	6.83	58710	8.12
1M211475.D	CAL @ 20 PPB	89170	5.19	88619	6.82	55505	8.12
1M211477.D	CAL @ 50 PPB	104719	5.19	99899	6.82	63158	8.12
1M211480.D	CAL @ 100 PPB	92881	5.19	92749	6.82	60541	8.12
1M211483.D	CAL @ 250 PPB	80920	5.19	81361	6.83	87264	8.12
1M211487.D	CAL @ 500 PPB	84355	5.19	121419	6.83	79472	8.12
1M211493.D	std	69412	5.19	69701	6.83	43901	8.12
1M211494.D	ICV	73845	5.19	73523	6.83	47776	8.12

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =
I7 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

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FORM8

Internal Standard Areas

Evaluation Std Data File: 1M211754.D Method: EPA 8260D

Analysis Date/Time: 12/02/25 22:18

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	76927	5.19	77606	6.83	50481	8.12								
Eval File Area Limit:	38464-153854		38803-155212		25240-100962									
Eval File Rt Limit:	4.69-5.69		6.33-7.33		7.62-8.62									

Data File	Sample#					
1M211753.D	20 PPB	71109	5.19	69032	6.82	44450	8.12
1M211756.D	DAILY BLANK	83954	5.19	86722	6.83	52153	8.12
1M211757.D	DAILY BLANK	67884	5.19	71963	6.83	41356	8.12
1M211758.D	AD56733-007	88888	5.19	92924	6.82	58733	8.12
1M211759.D	AD56733-010	97786	5.19	101161	6.82	62649	8.12
1M211760.D	AD56733-003	103599	5.19	106607	6.82	69145	8.12
1M211761.D	MBS128430	96116	5.19	100878	6.82	64540	8.12
1M211762.D	MBS128431	86646	5.19	85200	6.83	54719	8.12
1M211763.D	AD56733-008(MS:AD	84312	5.19	89134	6.82	57623	8.12
1M211764.D	AD56733-009(MSD:A	81505	5.19	84937	6.82	55508	8.12
1M211765.D	AD56657-007(50X)(T:	68390	5.19	71615	6.82	44360	8.12
1M211766.D	AD56657-007(50X)(T:	79727	5.19	82394	6.82	51845	8.12
1M211767.D	AD56657-007(50X)(T)	86253	5.19	87781	6.82	54297	8.12
1M211768.D	AD56657-008(50X)(T)	99521	5.19	101947	6.83	63017	8.12
1M211769.D	AD56657-009(50X)(T)	90219	5.19	91673	6.83	54561	8.12
1M211770.D	AD56657-010(50X)(T)	90323	5.19	93863	6.83	57409	8.12
1M211771.D	AD56657-011(50X)(T)	72755	5.19	74735	6.83	45063	8.12
1M211772.D	AD56657-012(50X)(T)	82407	5.19	83218	6.82	51743	8.12
1M211773.D	AD56733-001	52086	5.19	53583	6.83	32707	8.12
1M211774.D	AD56743-011	97891	5.19	99434	6.83	60257	8.12
1M211775.D	AD56733-002	68794	5.19	70202	6.83	42884	8.12
1M211776.D	AD56733-004	77919	5.19	81579	6.83	51765	8.12
1M211777.D	AD56733-005	75099	5.19	76674	6.83	47950	8.12
1M211778.D	AD56733-006	54076	5.19	55880	6.83	32842	8.12
1M211779.D	AD56733-011	74178	5.19	74935	6.83	45193	8.12
1M211780.D	AD56743-001	100841	5.19	102301	6.83	62168	8.12
1M211781.D	AD56743-007	69736	5.19	71246	6.82	46916	8.12
1M211782.D	56743-002	102185	5.19	107009	6.82	64367	8.12
1M211783.D	56743-004	80245	5.19	83244	6.83	51416	8.12
1M211784.D	STD	78441	5.19	80406	6.83	52770	8.12

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4
I4 =
I5 =
I6 =
I7 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-001
Client Id: TRIP BLANK
Data File: 1M211773.D
Analysis Date: 12/03/25 04:31
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	**Acetone**	**5.0**	**6.8**	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 6.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

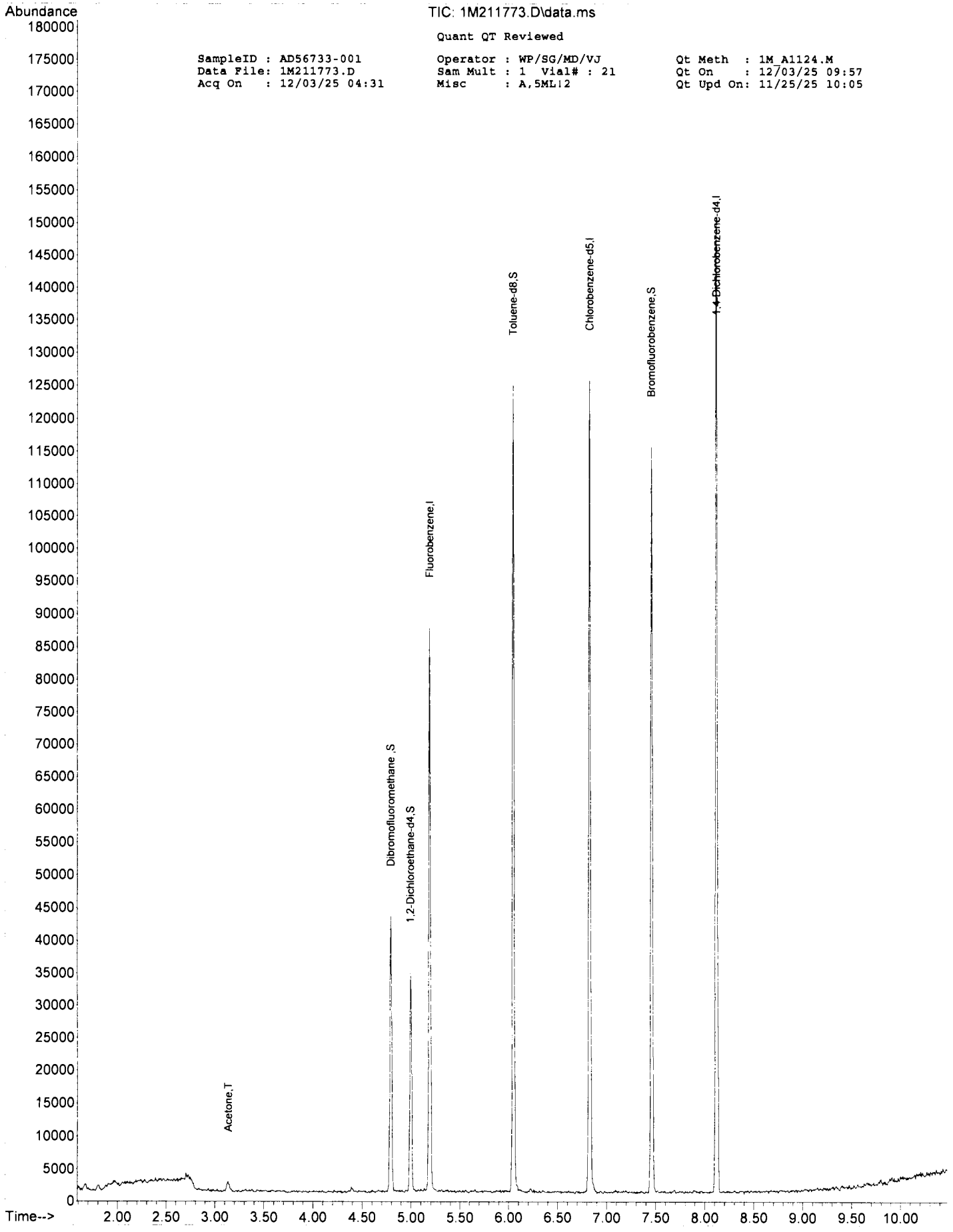
SampleID : AD56733-001 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211773.D Sam Mult : 1 Vial# : 21 Qt On : 12/03/25 09:57
Acq On : 12/03/25 04:31 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

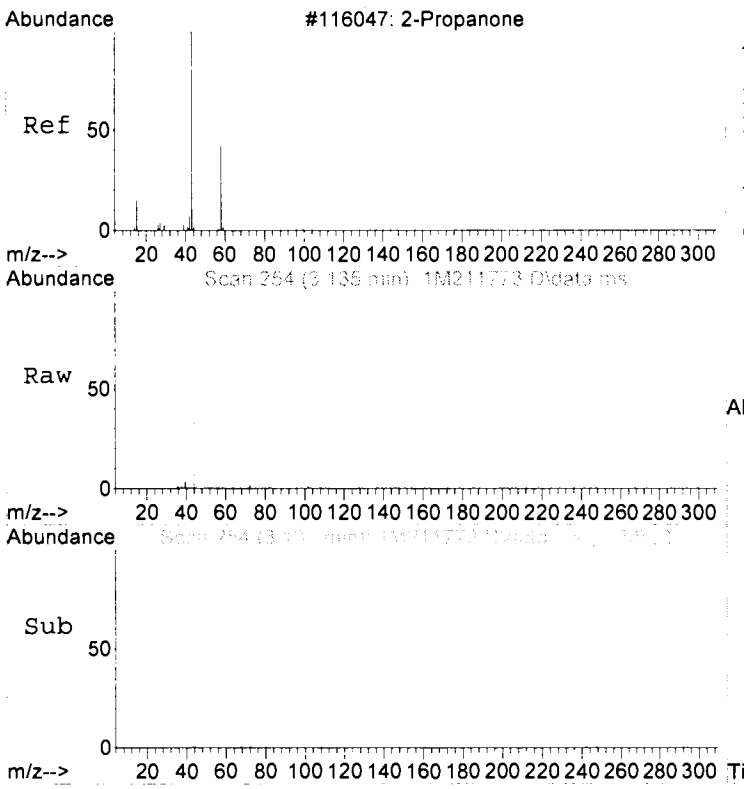
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	52086	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	53583	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	32707	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	15653	30.22	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.73%			
38) 1,2-Dichloroethane-d4	4.995	67	7785	29.80	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.33%			
65) Toluene-d8	6.050	98	56556	30.04	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.13%			
75) Bromofluorobenzene	7.458	174	26260	29.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.27%			
Target Compounds						Qvalue
18) Acetone	3.135	43	1910	6.8456	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P

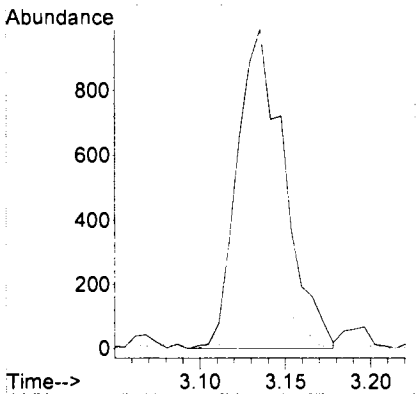

Abundance
TIC: 1M211773.D\data.ms
Quant QT Reviewed
SampleID : AD56733-001
Data File: 1M211773.D
Acq On : 12/03/25 04:31
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 21
Misc : A,5ML12
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Acetone,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#18
Acetone
Concen: 6.85 ug/l
RT: 3.135 min Scan# 254
Delta R.T. 0.006 min
Lab File: 1M211773.D
Acq: 03 Dec 2025 04:31

Tgt Ion: 43 Resp: 1910

Ion	Ratio	Lower	Upper
43	100		
58	24.0	0.0	64.2



Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-002
Client Id: EQUIPMENT BLANK
Data File: 1M211775.D
Analysis Date: 12/03/25 05:10
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

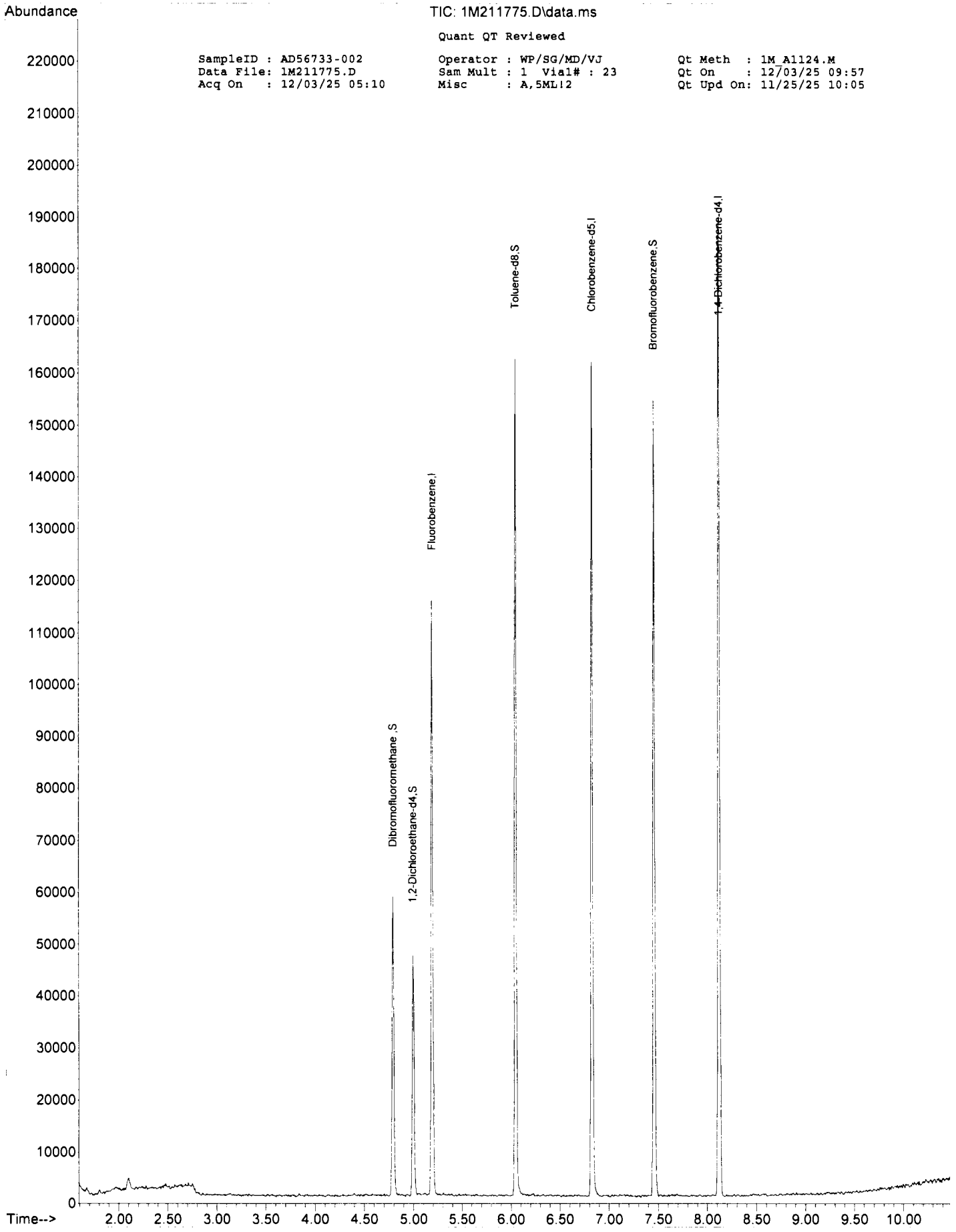
Quantitation Report (QT Reviewed)

SampleID : AD56733-002 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211775.D Sam Mult : 1 Vial# : 23 Qt On : 12/03/25 09:57
Acq On : 12/03/25 05:10 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	68794	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	70202	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	42884	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	21790	31.85	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.17%			
38) 1,2-Dichloroethane-d4	4.995	67	10991	31.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.20%			
65) Toluene-d8	6.050	98	74164	30.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.23%			
75) Bromofluorobenzene	7.458	174	34285	29.65	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.83%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211775.D\data.ms
Quant QT Reviewed
SampleID : AD56733-002
Data File: 1M211775.D
Acq On : 12/03/25 05:10
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 23
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-003
Client Id: MW-3-50
Data File: 1M211760.D
Analysis Date: 12/03/25 00:15
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	**110-82-7**	**Cyclohexane**	**1.0**	**2.5**
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**6.9**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	**108-87-2**	**Methylcyclohexane**	**1.0**	**5.0**
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	**95-47-6**	**o-Xylene**	**1.0**	**1.1**
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	**Benzene**	**0.50**	**0.81**	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	**1330-20-7**	**Xylenes (Total)**	**1.0**	**1.1**

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

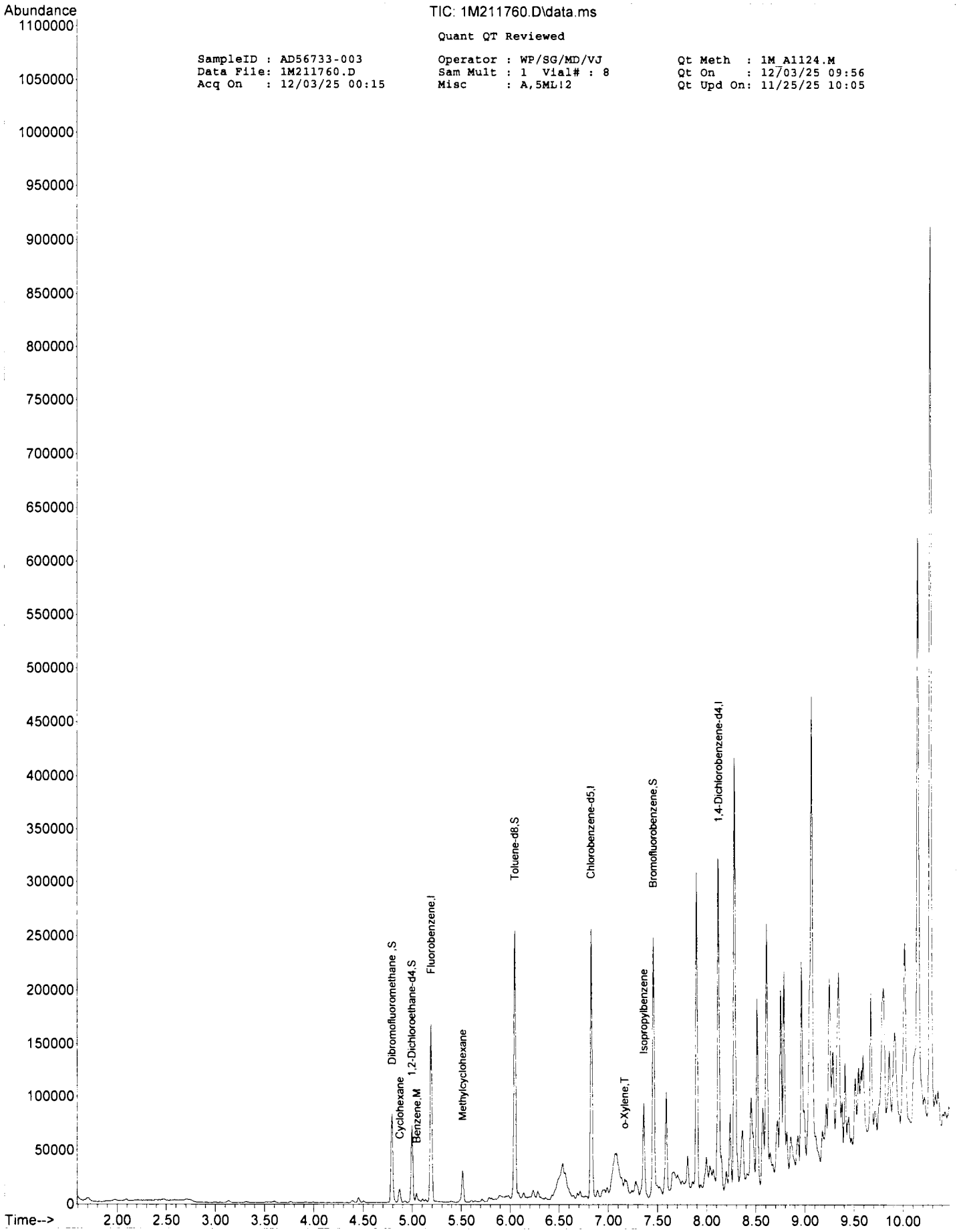
SampleID : AD56733-003 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211760.D Sam Mult : 1 Vial# : 8 Qt On : 12/03/25 09:56
Acq On : 12/03/25 00:15 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

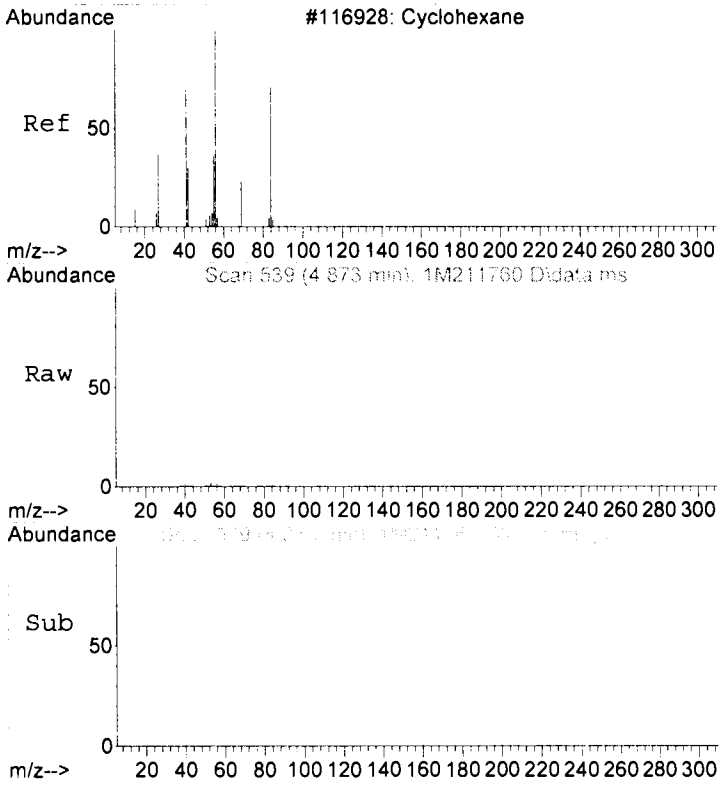
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	103599	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	106607	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	69145	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	31672	30.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.50%			
38) 1,2-Dichloroethane-d4	4.995	67	16175	31.13	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.77%			
65) Toluene-d8	6.050	98	113469	30.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.00%			
75) Bromofluorobenzene	7.458	174	53951	28.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.47%			
Target Compounds						Qvalue
37) Cyclohexane	4.873	56	3844m	2.4804	ug/l	
45) Methylcyclohexane	5.513	83	7834m	4.9666	ug/l	
49) Benzene	5.044	78	4076	0.8054	ug/l	100
78) o-Xylene	7.165	106	2592	1.0616	ug/l	80
83) Isopropylbenzene	7.360	105	40016	6.8907	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P

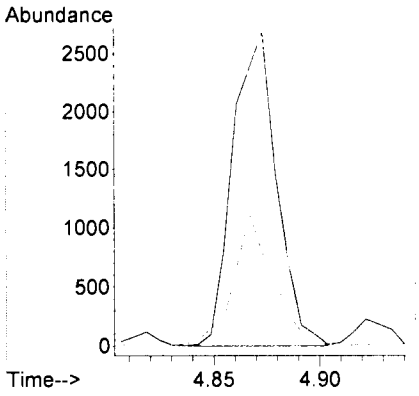

Abundance
TIC: 1M211760.D\data.ms
Quant QT Reviewed
SampleID : AD56733-003
Data File: 1M211760.D
Acq On : 12/03/25 00:15
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 8
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:56
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
Cyclohexane
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Methylcyclohexane
Toluene-d8,S
Chlorobenzene-d5,I
o-Xylene,T
Isopropylbenzene
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

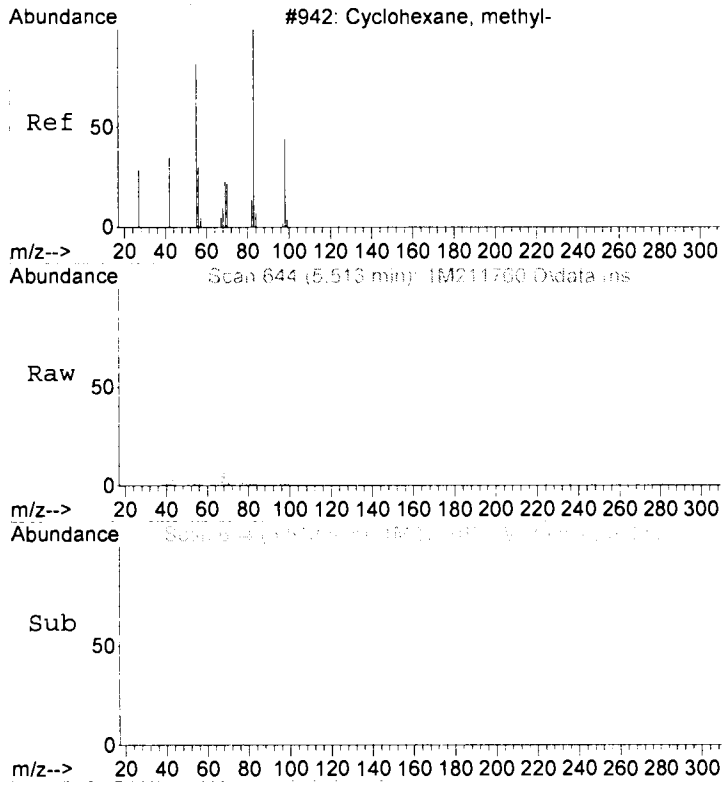


#37
Cyclohexane
Concen: 2.48 ug/l m
RT: 4.873 min Scan# 539
Delta R.T. 0.000 min
Lab File: 1M211760.D
Acq: 03 Dec 2025 00:15

Tgt Ion: 56 Resp: 3844

Ion	Ratio	Lower	Upper
56	100		
69	38.0	0.0	133.5
84	94.9	0.0	198.9

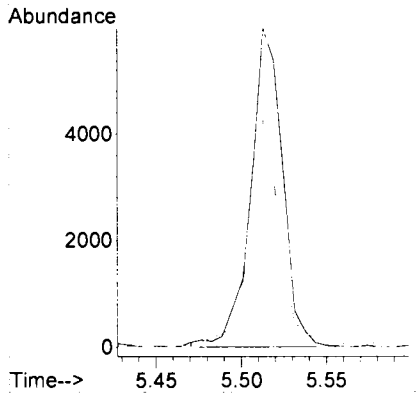


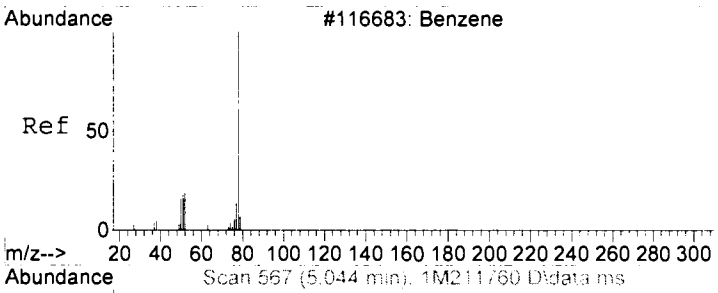


#45
Methylcyclohexane
Concen: 4.97 ug/l m
RT: 5.513 min Scan# 644
Delta R.T. -0.006 min
Lab File: 1M211760.D
Acq: 03 Dec 2025 00:15

Tgt Ion: 83 Resp: 7834

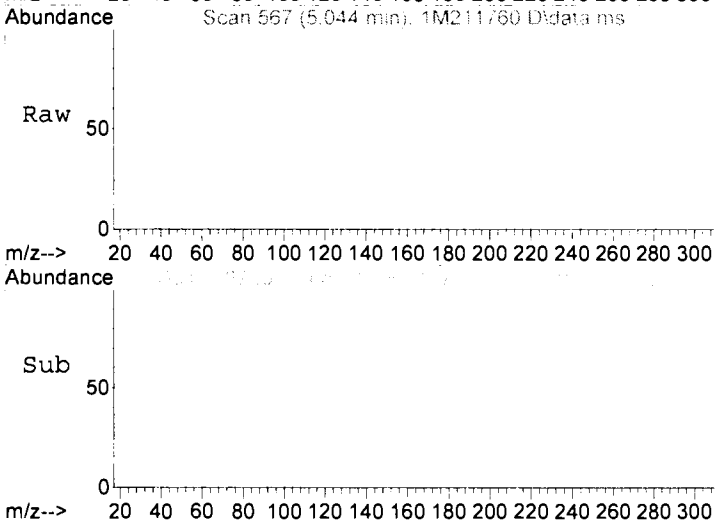
Ion	Ratio	Lower	Upper
83	100		
55	69.0	24.7	124.7
98	53.2	30.5	70.5

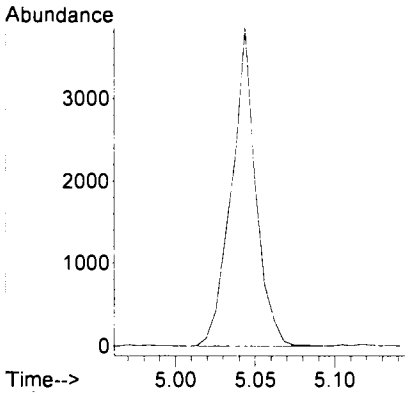


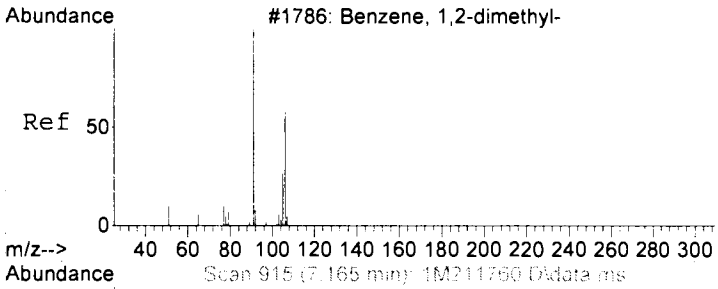


#49
Benzene
Concen: 0.81 ug/l
RT: 5.044 min Scan# 567
Delta R.T. 0.000 min
Lab File: 1M211760.D
Acq: 03 Dec 2025 00:15

Tgt Ion: 78 Resp: 4076



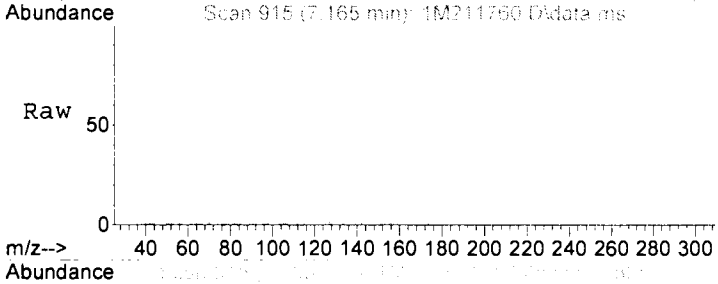


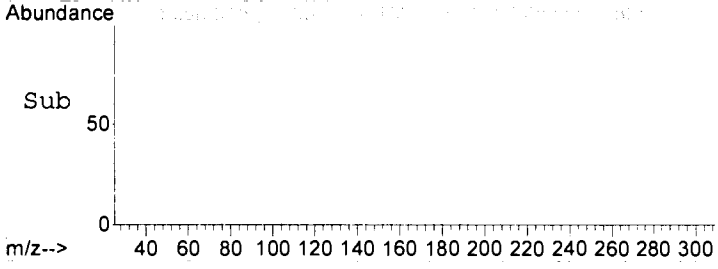


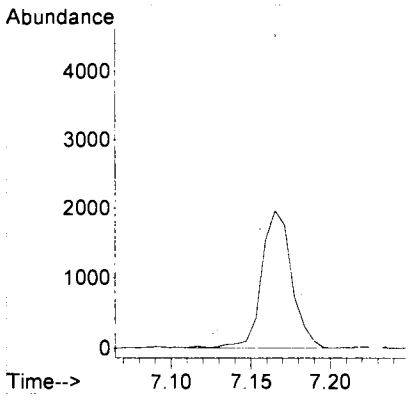
#78
o-Xylene
Concen: 1.06 ug/l
RT: 7.165 min Scan# 915
Delta R.T. 0.000 min
Lab File: 1M211760.D
Acq: 03 Dec 2025 00:15

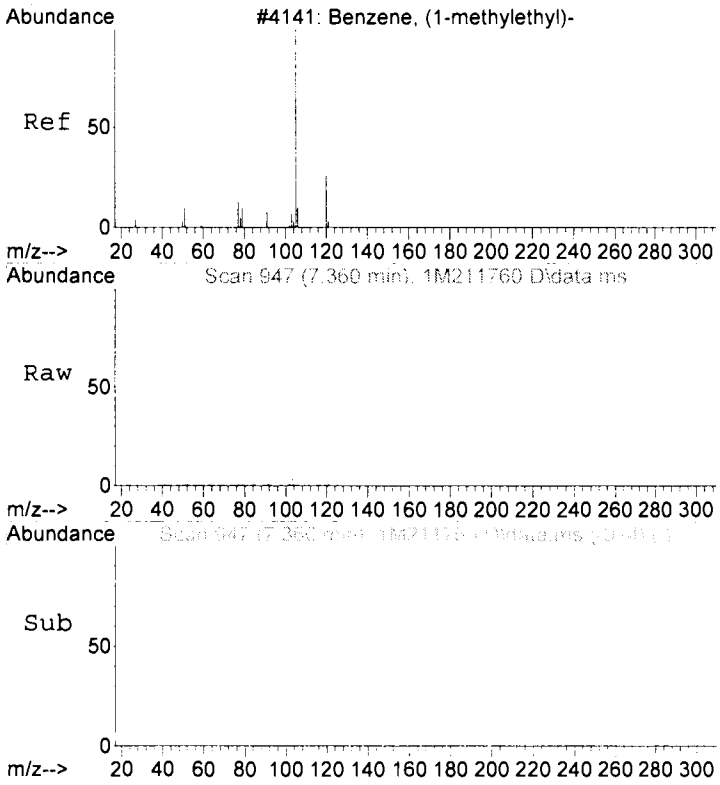
Tgt Ion:106 Resp: 2592

Ion	Ratio	Lower	Upper
106	100		
91	229.1	119.5	278.7





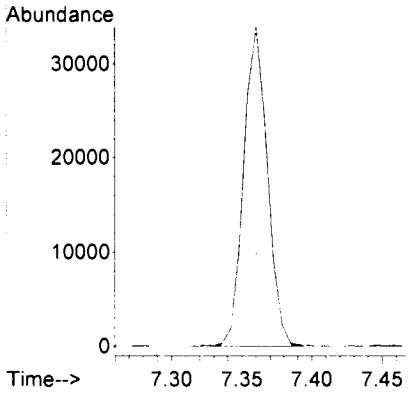




#83
Isopropylbenzene
Concen: 6.89 ug/l
RT: 7.360 min Scan# 947
Delta R.T. 0.000 min
Lab File: 1M211760.D
Acq: 03 Dec 2025 00:15

Tgt Ion:105 Resp: 40016

Ion	Ratio	Lower	Upper
105	100		
120	26.9	0.0	66.3
77	14.3	0.0	55.3



Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-004
Client Id: MW-15-60
Data File: 1M211776.D
Analysis Date: 12/03/25 05:30
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

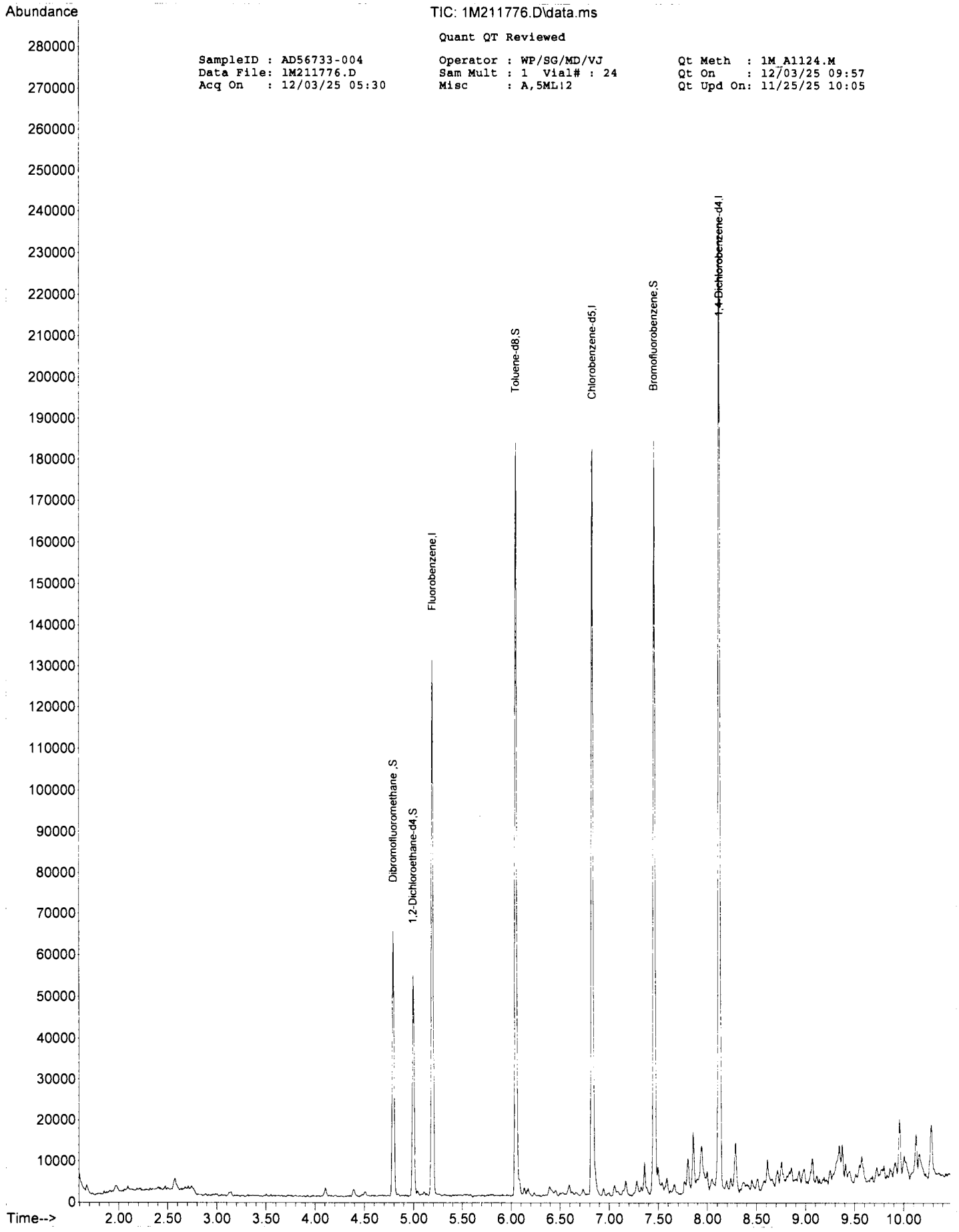
Quantitation Report (QT Reviewed)

SampleID : AD56733-004 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211776.D Sam Mult : 1 Vial# : 24 Qt On : 12/03/25 09:57
Acq On : 12/03/25 05:30 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	77919	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	81579	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	51765	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	25036	32.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 107.70%			
38) 1,2-Dichloroethane-d4	4.995	67	12066	30.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.93%			
65) Toluene-d8	6.050	98	85171	29.72	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.07%			
75) Bromofluorobenzene	7.458	174	40469	28.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.63%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211776.D\data.ms
Quant QT Reviewed
SampleID : AD56733-004
Data File: 1M211776.D
Acq On : 12/03/25 05:30
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 24
Misc : A,5ML;2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-005
Client Id: MW-GF-21R
Data File: 1M211777.D
Analysis Date: 12/03/25 05:49
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**1.3**
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	**110-82-7**	**Cyclohexane**	**1.0**	**1.8**
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	**108-87-2**	**Methylcyclohexane**	**1.0**	**1.9**
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

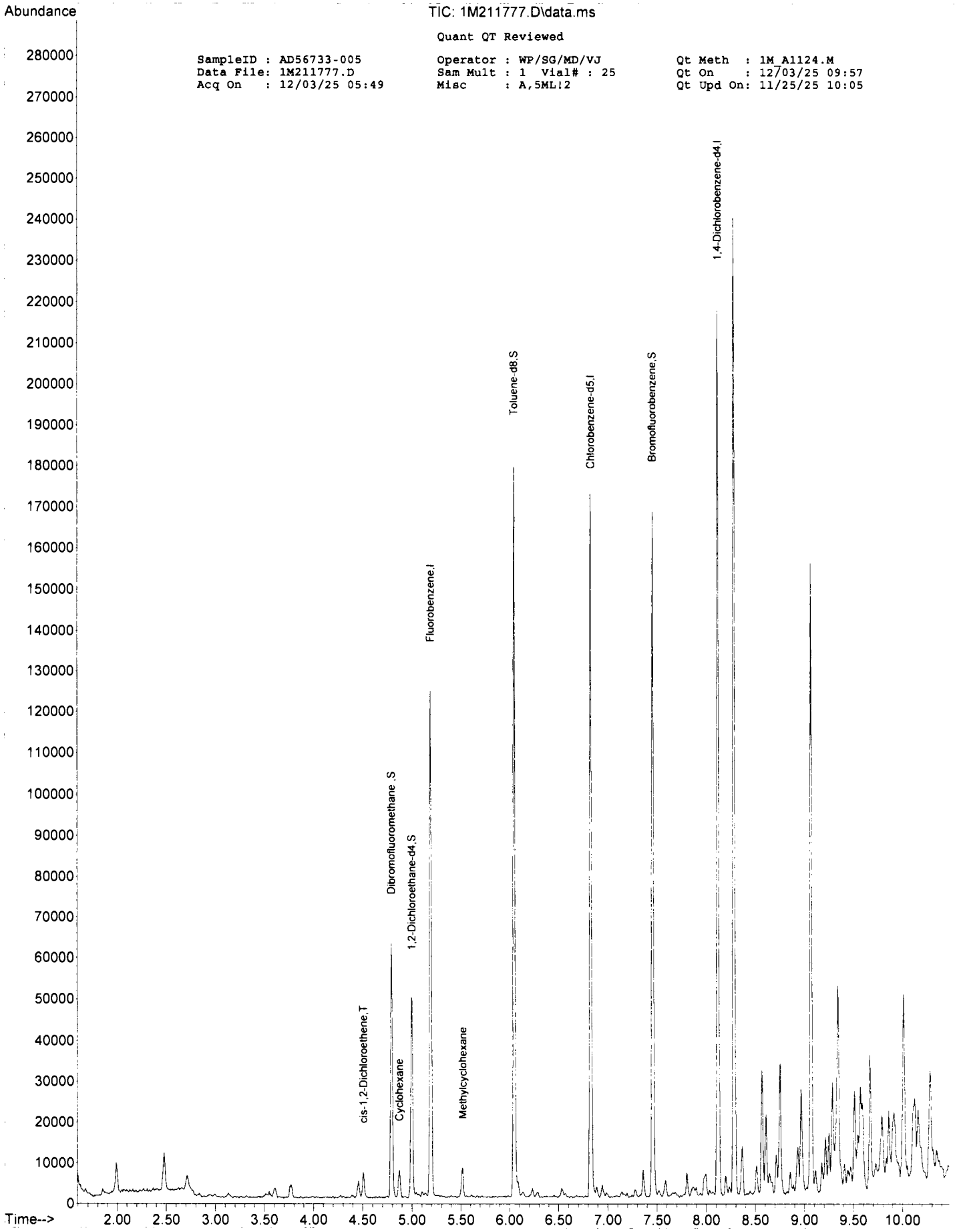
Quantitation Report (QT Reviewed)

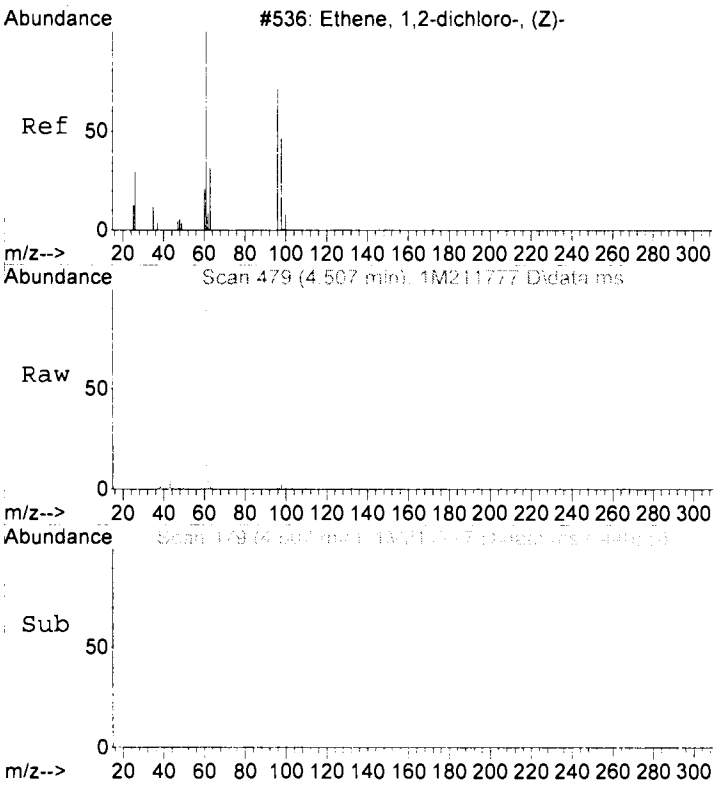
SampleID : AD56733-005 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211777.D Sam Mult : 1 Vial# : 25 Qt On : 12/03/25 09:57
Acq On : 12/03/25 05:49 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	75099	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	76674	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	47950	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	22771	30.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.63%			
38) 1,2-Dichloroethane-d4	5.001	67	11790	31.30	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.33%			
65) Toluene-d8	6.050	98	81000	30.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.23%			
75) Bromofluorobenzene	7.458	174	36626	28.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.43%			
Target Compounds						Qvalue
29) cis-1,2-Dichloroethene	4.507	61	2073	1.3309	ug/l	85
37) Cyclohexane	4.873	56	2016	1.7945	ug/l	98
45) Methylcyclohexane	5.519	83	2153	1.8830	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

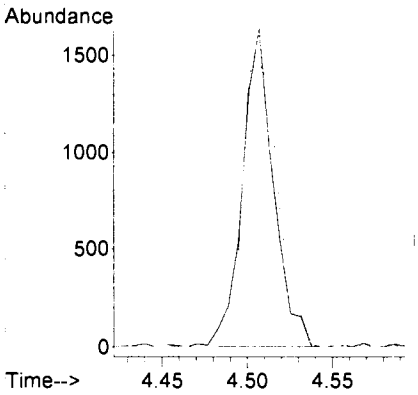

Abundance
TIC: 1M211777.D\data.ms
Quant QT Reviewed
SampleID : AD56733-005
Data File: 1M211777.D
Acq On : 12/03/25 05:49
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 25
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
cis-1,2-Dichloroethene,T
Dibromofluoromethane,S
Cyclohexane
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Methylcyclohexane
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

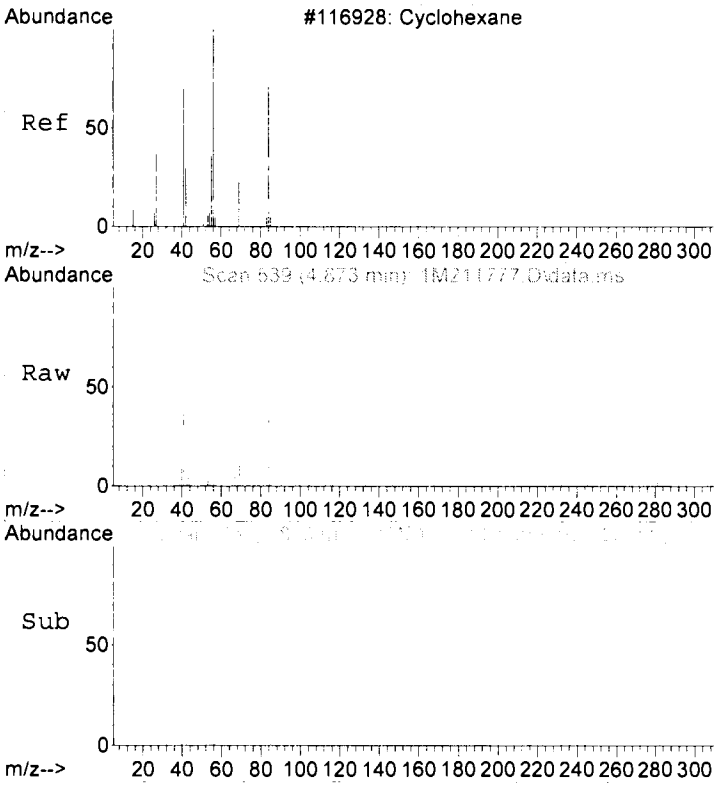


#29
cis-1,2-Dichloroethene
Concen: 1.33 ug/l
RT: 4.507 min Scan# 479
Delta R.T. 0.000 min
Lab File: 1M211777.D
Acq: 03 Dec 2025 05:49

Tgt Ion: 61 Resp: 2073

Ion	Ratio	Lower	Upper
61	100		
96	89.3	33.4	113.4
98	52.5	6.5	86.5

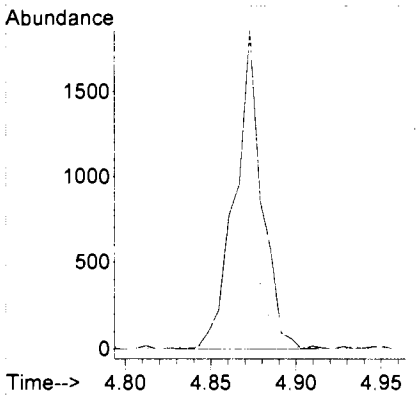


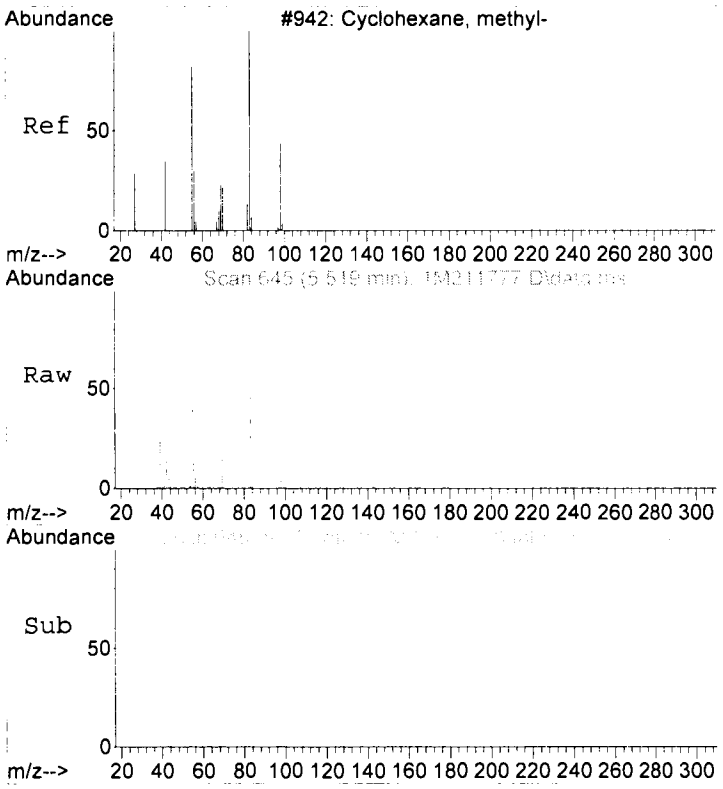


#37
Cyclohexane
Concen: 1.79 ug/l
RT: 4.873 min Scan# 539
Delta R.T. 0.000 min
Lab File: 1M211777.D
Acq: 03 Dec 2025 05:49

Tgt Ion: 56 Resp: 2016

Ion	Ratio	Lower	Upper
56	100		
69	31.8	0.0	133.5
84	100.0	0.0	198.9

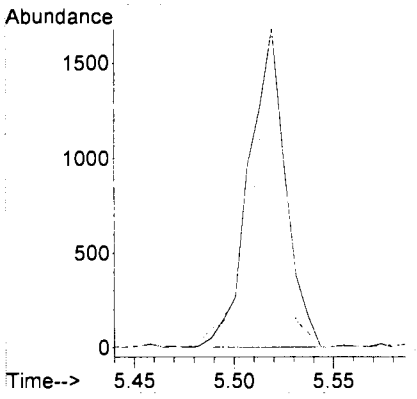




#45
Methylcyclohexane
Concen: 1.88 ug/l
RT: 5.519 min Scan# 645
Delta R.T. 0.000 min
Lab File: 1M211777.D
Acq: 03 Dec 2025 05:49

Tgt Ion: 83 Resp: 2153

Ion	Ratio	Lower	Upper
83	100		
55	71.2	24.7	124.7
98	49.8	30.5	70.5



Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-006
Client Id: MW-GF-22
Data File: 1M211778.D
Analysis Date: 12/03/25 06:09
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.3**
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 2.3

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

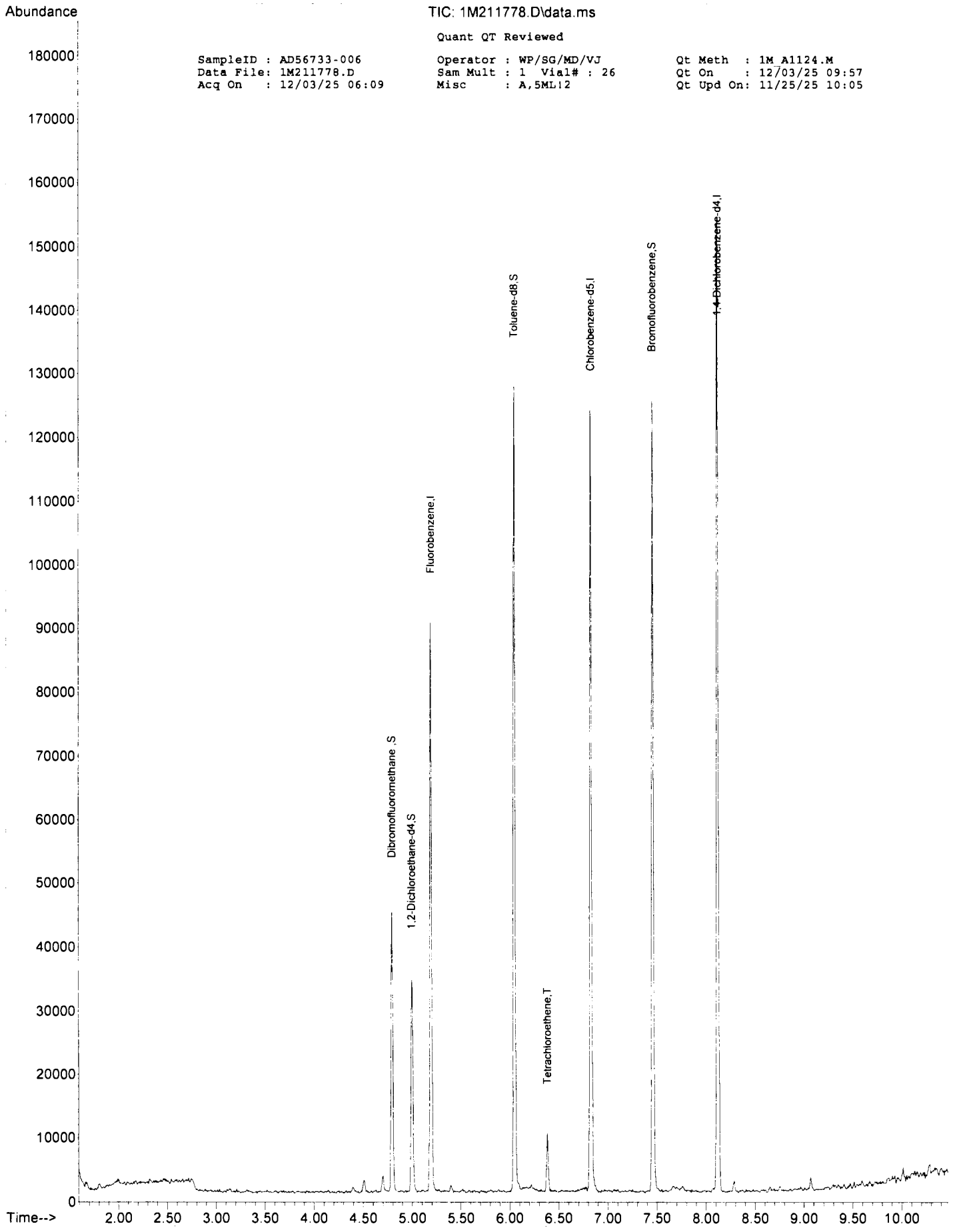
SampleID : AD56733-006 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211778.D Sam Mult : 1 Vial# : 26 Qt On : 12/03/25 09:57
Acq On : 12/03/25 06:09 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

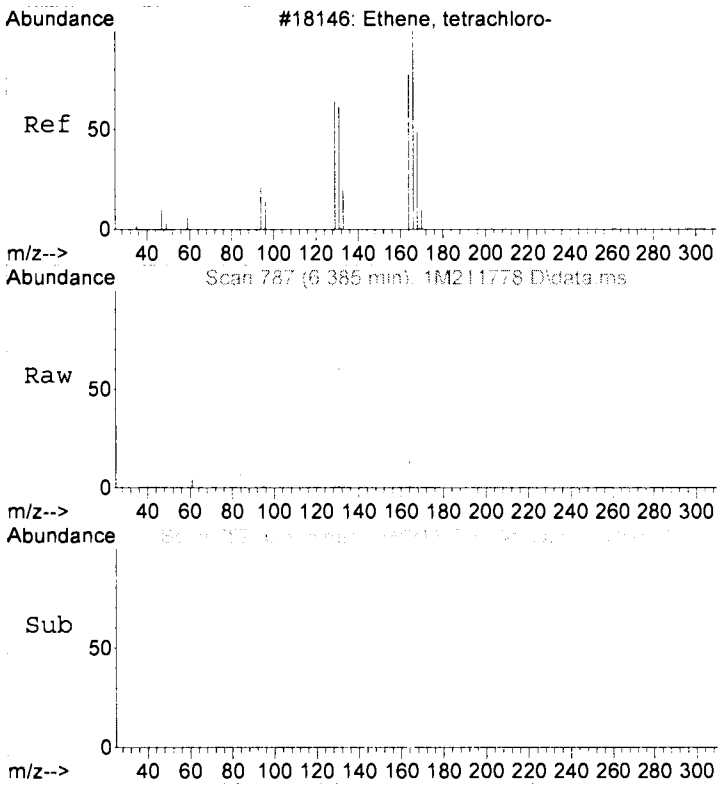
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	54076	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	55880	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.123	152	32842	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	16834	31.31	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.37%			
38) 1,2-Dichloroethane-d4	4.995	67	7910	29.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.23%			
65) Toluene-d8	6.050	98	57814	29.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.17%			
75) Bromofluorobenzene	7.458	174	26903	30.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.27%			
Target Compounds						Qvalue
64) Tetrachloroethene	6.385	164	1581	2.2956	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P

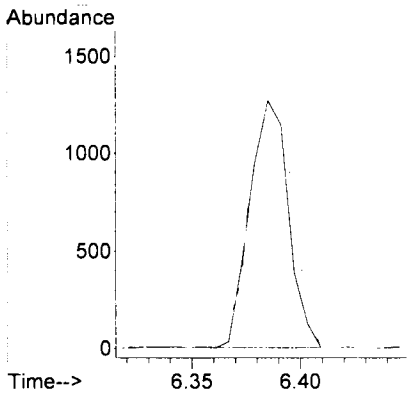

Abundance
TIC: 1M211778.D\data.ms
Quant QT Reviewed
SampleID : AD56733-006
Data File: 1M211778.D
Acq On : 12/03/25 06:09
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 26
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->



#64
Tetrachloroethene
Concen: 2.30 ug/l
RT: 6.385 min Scan# 787
Delta R.T. 0.000 min
Lab File: 1M211778.D
Acq: 03 Dec 2025 06:09

Tgt Ion:164 Resp: 1581

Ion	Ratio	Lower	Upper
164	100		
166	129.1	53.0	193.0



Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-007
Client Id: MW-40S
Data File: 1M211758.D
Analysis Date: 12/02/25 23:36
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**4.8**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 4.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

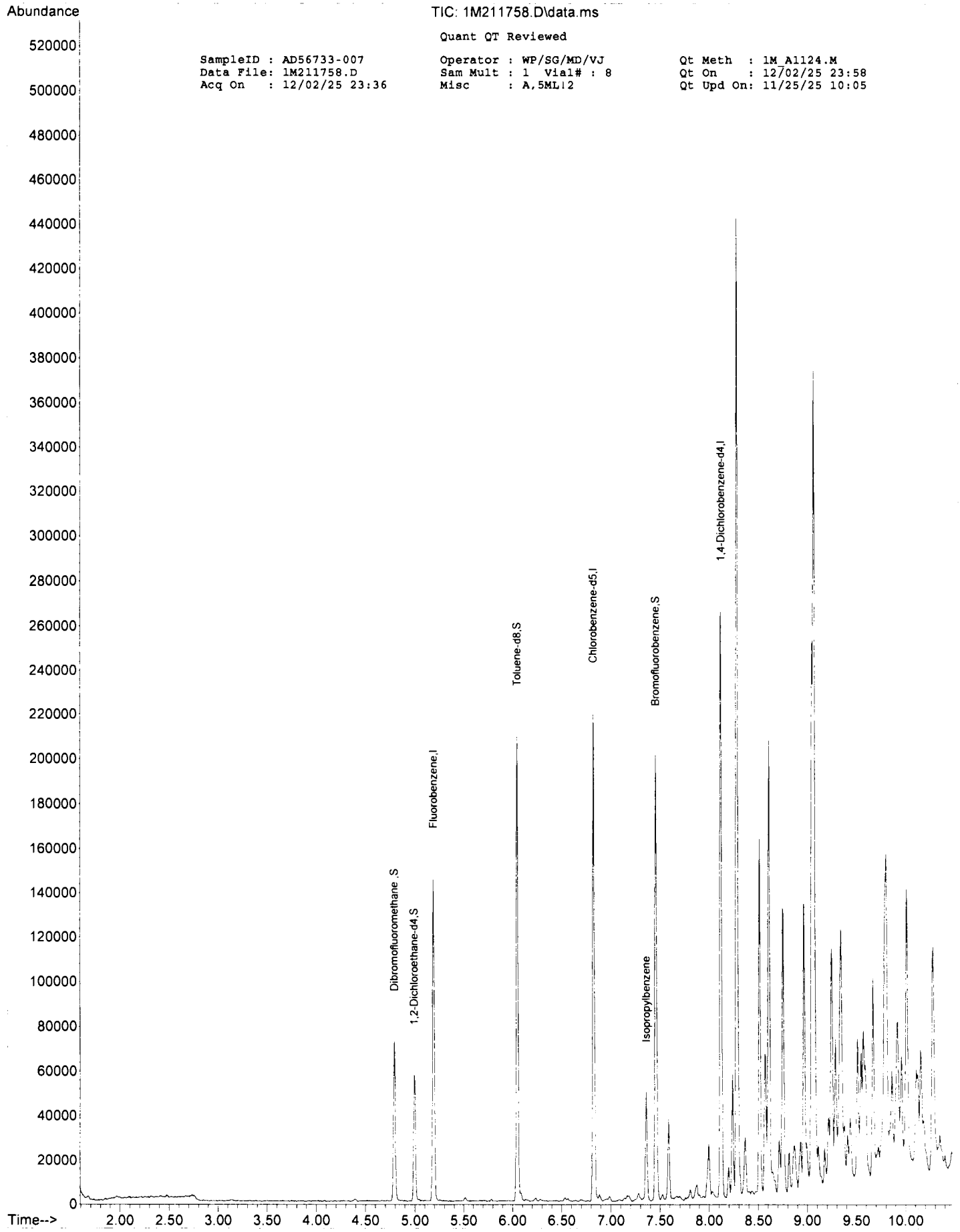
SampleID : AD56733-007 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211758.D Sam Mult : 1 Vial# : 8 Qt On : 12/02/25 23:58
Acq On : 12/02/25 23:36 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

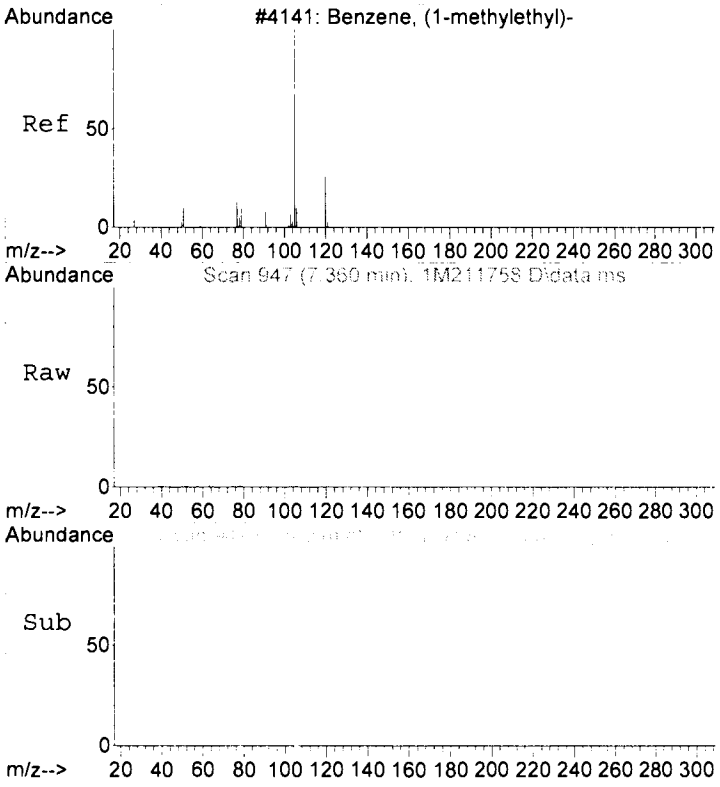
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	88888	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	92924	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	58733	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	27028	30.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.93%			
38) 1,2-Dichloroethane-d4	4.995	67	13970	31.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.47%			
65) Toluene-d8	6.050	98	98047	30.03	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.10%			
75) Bromofluorobenzene	7.458	174	46563	29.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.00%			
Target Compounds						Qvalue
83) Isopropylbenzene	7.360	105	23544	4.7730	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P

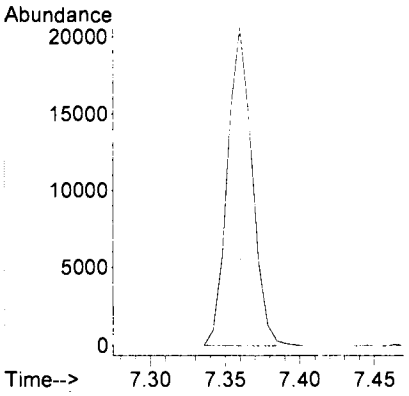

Abundance
TIC: 1M211758.D\data.ms
Quant QT Reviewed
SampleID : AD56733-007
Data File: 1M211758.D
Acq On : 12/02/25 23:36
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 8
Misc : A,5ML12
Qt Meth : 1M_A1124.M
Qt On : 12/02/25 23:58
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
Isopropylbenzene
1,4-Dichlorobenzene-d4,I
Time-->



#83
Isopropylbenzene
Concen: 4.77 ug/l
RT: 7.360 min Scan# 947
Delta R.T. -0.000 min
Lab File: 1M211758.D
Acq: 02 Dec 2025 23:36

Tgt Ion:105 Resp: 23544

Ion	Ratio	Lower	Upper
105	100		
120	28.5	0.0	66.3
77	14.9	0.0	55.3



Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-008(MS:AD56
Client Id: MW-40S-MS
Data File: 1M211763.D
Analysis Date: 12/03/25 01:14
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	19	56-23-5	Carbon Tetrachloride	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	17	108-90-7	Chlorobenzene	1.0	18
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	18	75-00-3	Chloroethane	1.0	22
79-00-5	1,1,2-Trichloroethane	0.50	18	67-66-3	Chloroform	5.0	19
75-34-3	1,1-Dichloroethane	1.0	19	74-87-3	Chloromethane	1.0	18
75-35-4	1,1-Dichloroethene	1.0	19	156-59-2	cis-1,2-Dichloroethene	1.0	19
87-61-6	1,2,3-Trichlorobenzene	1.0	19	10061-01-5	cis-1,3-Dichloropropene	1.0	18
120-82-1	1,2,4-Trichlorobenzene	1.0	19	110-82-7	Cyclohexane	1.0	18
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	16	124-48-1	Dibromochloromethane	1.0	17
106-93-4	1,2-Dibromoethane	1.0	17	75-71-8	Dichlorodifluoromethane	1.0	15
95-50-1	1,2-Dichlorobenzene	1.0	17	100-41-4	Ethylbenzene	1.0	18
107-06-2	1,2-Dichloroethane	1.0	19	98-82-8	Isopropylbenzene	1.0	23
78-87-5	1,2-Dichloropropane	1.0	19	79601-23-1	m&p-Xylenes	1.0	37
541-73-1	1,3-Dichlorobenzene	1.0	16	79-20-9	Methyl Acetate	1.0	19
106-46-7	1,4-Dichlorobenzene	1.0	18	108-87-2	Methylcyclohexane	1.0	18
123-91-1	1,4-Dioxane	50	930	75-09-2	Methylene Chloride	1.0	18
78-93-3	2-Butanone	1.0	17	1634-04-4	Methyl-t-butyl ether	0.53	18
591-78-6	2-Hexanone	1.0	19	95-47-6	o-Xylene	1.0	18
108-10-1	4-Methyl-2-Pentanone	1.0	18	100-42-5	Styrene	1.0	18
67-64-1	Acetone	5.0	90	127-18-4	Tetrachloroethene	1.0	19
71-43-2	Benzene	0.50	19	108-88-3	Toluene	1.0	18
74-97-5	Bromochloromethane	1.0	19	156-60-5	trans-1,2-Dichloroethene	1.0	19
75-27-4	Bromodichloromethane	0.50	18	10061-02-6	trans-1,3-Dichloropropene	1.0	18
75-25-2	Bromoform	1.0	17	79-01-6	Trichloroethene	1.0	19
74-83-9	Bromomethane	1.0	13	75-69-4	Trichlorofluoromethane	1.0	23
75-15-0	Carbon Disulfide	1.0	20	75-01-4	Vinyl Chloride	1.0	19
542-75-6	1,3-Dichloropropene (Tota	1.0	36	1330-20-7	Xylenes (Total)	1.0	55

Worksheet #: 818475 *Total Target Concentration* 2000 ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

SampleID : AD56733-008(MS:AD56 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211763.D Sam Mult : 1 Vial# : 11 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:14 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	84312	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	89134	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	57623	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	26162	31.21	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.03%			
38) 1,2-Dichloroethane-d4	4.995	67	12497	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
65) Toluene-d8	6.050	98	96686	30.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.93%			
75) Bromofluorobenzene	7.458	174	45510	29.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.63%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	16918	15.0206	ug/l	69
6) Dichlorodifluoromethane	1.709	85	19973	14.8886	ug/l	97
7) Chloromethane	1.892	50	20102	18.4561	ug/l	87
8) Bromomethane	2.313	94	13517	13.1280	ug/l	94
9) Vinyl Chloride	1.996	62	24355	18.5314	ug/l	95
10) Chloroethane	2.404	64	18133	21.9658	ug/l	86
11) Trichlorofluoromethane	2.642	101	53406	23.0750	ug/l	99
12) Ethyl ether	2.886	59	17373	18.3493	ug/l	97
13) Furan	2.928	39	26354	19.8776	ug/l	94
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	18319	17.7460	ug/l	95
15) Methylene Chloride	3.514	84	19652	17.6375	ug/l	97
16) Acrolein	3.002	56	14230	68.5863	ug/l	90
17) Acrylonitrile	3.721	53	9633	16.8044	ug/l	80
18) Acetone	3.136	43	40606	89.9087	ug/l	87
19) Carbon Disulfide	3.319	76	52520	20.1356	ug/l	100
20) t-Butyl Alcohol	3.593	59	15135	89.6663	ug/l	82
21) n-Hexane	3.995	57	14806	16.4106	ug/l	96
22) Di-isopropyl-ether	4.142	45	50285	18.8280	ug/l	100
23) 1,1-Dichloroethene	3.105	61	27000	18.9877	ug/l	82
24) Methyl Acetate	3.422	43	18537	18.5126	ug/l	100
25) Methyl-t-butyl ether	3.764	73	58150	18.4968	ug/l	97
26) 1,1-Dichloroethane	4.105	63	32205	18.7397	ug/l	96
27) trans-1,2-Dichloroethene	3.764	96	22367	18.9950	ug/l	91
28) Ethyl-t-butyl ether	4.398	59	55010	18.1028	ug/l	98
29) cis-1,2-Dichloroethene	4.507	61	32813	18.7649	ug/l	87
30) Bromochloromethane	4.660	49	15190	19.1908	ug/l	74
31) 2,2-Dichloropropane	4.513	77	28464	19.0055	ug/l	89
32) Ethyl acetate	4.532	43	24328	17.8836	ug/l	96
33) 1,4-Dioxane	5.580	88	24021	928.7509	ug/l	89
34) 1,1-Dichloropropene	4.922	75	27744	19.0346	ug/l	88
35) Chloroform	4.696	83	37698	18.7240	ug/l	98
37) Cyclohexane	4.873	56	22618	17.9333	ug/l	98
39) 1,2-Dichloroethane	5.038	62	29246	18.5007	ug/l	97
40) 2-Butanone	4.501	43	12125m	17.3989	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	34304	19.2678	ug/l	99
42) Carbon Tetrachloride	4.928	117	31556	20.5443	ug/l	97
43) Vinyl Acetate	4.123	43	66198	19.2109	ug/l	100
44) Bromodichloromethane	5.653	83	27256	18.2764	ug/l	95
45) Methylcyclohexane	5.513	83	23181	18.0582	ug/l	94
46) Dibromomethane	5.586	174	18625	17.5322	ug/l	93
47) 1,2-Dichloropropane	5.519	63	18807	18.5286	ug/l	99
48) Trichloroethene	5.397	130	25915	19.1535	ug/l	87
49) Benzene	5.044	78	77399	18.7922	ug/l	100
50) tert-Amyl methyl ether	5.086	73	54279	18.0295	ug/l	99
52) Iso-propylacetate	5.038	43	41932	17.9079	ug/l	94
53) Methyl methacrylate	5.544	41	17802	18.5211	ug/l	86
54) Dibromochloromethane	6.507	129	24850	17.1650	ug/l	99
56) cis-1,3-Dichloropropene	5.891	75	30230	18.2112	ug/l	94
57) trans-1,3-Dichloropropene	6.178	75	28125	17.6256	ug/l	98
58) Ethyl methacrylate	6.196	41	18223	18.6918	ug/l	93
59) 1,1,2-Trichloroethane	6.281	97	20570	17.6670	ug/l	94
60) 1,2-Dibromoethane	6.586	107	23504	17.2189	ug/l	99
61) 1,3-Dichloropropane	6.379	76	32925	17.2327	ug/l	98
62) 4-Methyl-2-Pentanone	5.958	43	25230	18.0692	ug/l	99
63) 2-Hexanone	6.391	43	18972	18.5922	ug/l	94
64) Tetrachloroethene	6.385	164	20673	18.8186	ug/l	99
66) Toluene	6.086	92	52032	18.2827	ug/l	87
67) 1,1,1,2-Tetrachloroethane	6.879	133	20027	17.3417	ug/l	95
68) Chlorobenzene	6.842	112	60289	17.6924	ug/l	98

P

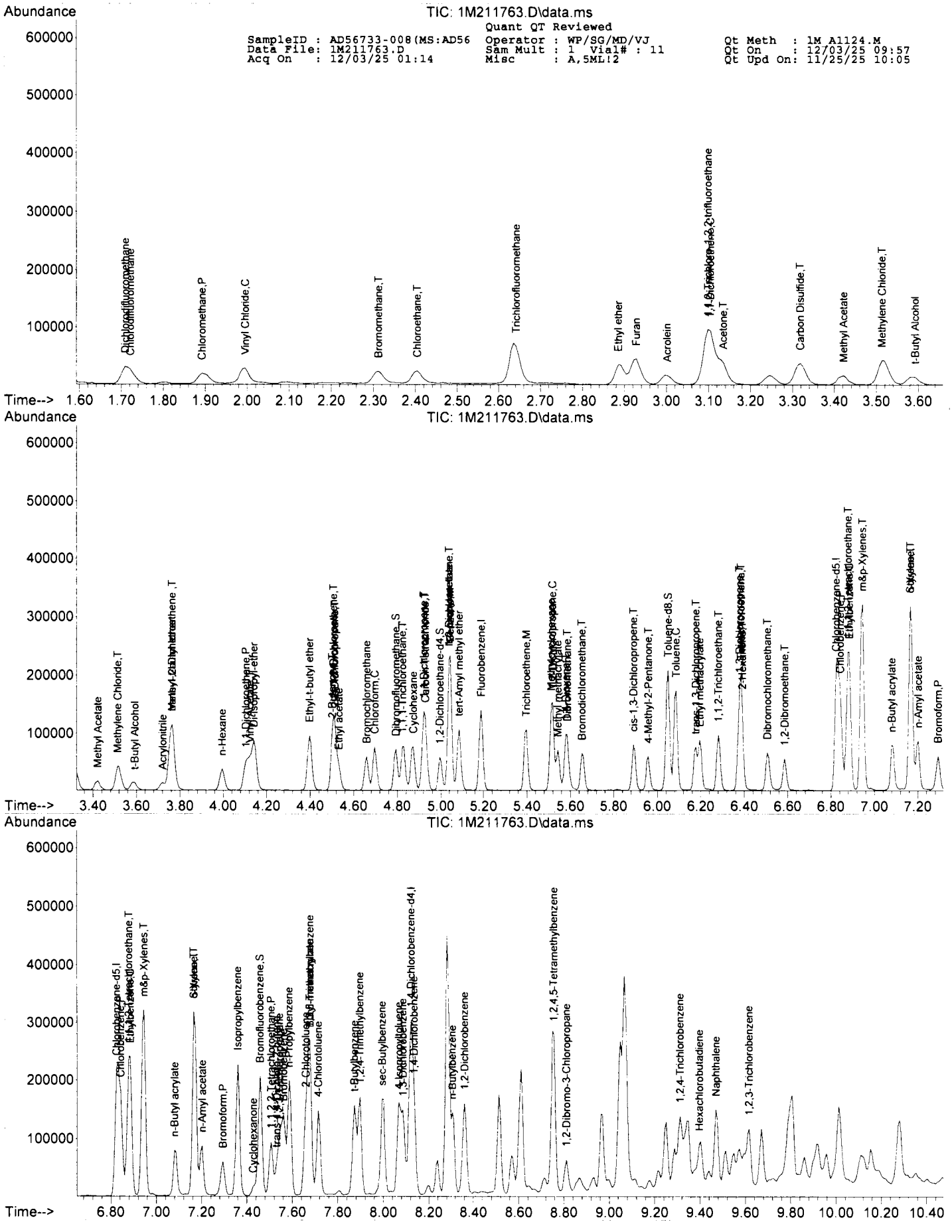
Quantitation Report (QT Reviewed)

SampleID : AD56733-008(MS:AD56 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211763.D Sam Mult : 1 Vial# : 11 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:14 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70)	n-Butyl acrylate	7.080	55	36134	18.3063	ug/l	94
71)	n-Amyl acetate	7.202	43	32053	18.6657	ug/l	96
72)	Bromoform	7.293	173	19403	17.1367	ug/l	96
73)	Ethylbenzene	6.885	106	25732	18.2612	ug/l	96
74)	1,1,2,2-Tetrachloroethane	7.507	83	30392	16.9777	ug/l	95
76)	Styrene	7.165	104	60631	17.7554	ug/l	99
77)	m&p-Xylenes	6.946	106	72844	36.6250	ug/l	92
78)	o-Xylene	7.165	106	35986	17.6865	ug/l	98
79)	trans-1,4-Dichloro-2-b...	7.531	53	7329	17.6873	ug/l	73
80)	1,3-Dichlorobenzene	8.086	146	42952	16.3634	ug/l	93
81)	1,4-Dichlorobenzene	8.135	146	45593	17.5315	ug/l	95
82)	1,2-Dichlorobenzene	8.360	146	43686	17.4519	ug/l	91
83)	Isopropylbenzene	7.360	105	110134	22.7570	ug/l	98
84)	Cyclohexanone	7.427	55	5232	18.7383	ug/l	87
85)	1,2,3-Trichloropropane	7.543	75	37725	18.5085	ug/l	93
86)	2-Chlorotoluene	7.659	91	47526	17.3801	ug/l	97
87)	4-Chlorotoluene	7.714	91	50124	17.2791	ug/l	98
88)	n-Propylbenzene	7.586	91	113480	22.3264	ug/l	99
89)	Bromobenzene	7.562	77	48701	18.5735	ug/l	69
90)	1,3,5-Trimethylbenzene	7.677	105	65400	17.3723	ug/l	96
91)	Butyl methacrylate	7.677	41	21771	19.2788	ug/l	80
92)	t-Butylbenzene	7.872	119	65480	16.9547	ug/l	92
93)	1,2,4-Trimethylbenzene	7.897	105	67850	16.7226	ug/l	96
94)	sec-Butylbenzene	7.994	105	87582	19.9627	ug/l	96
95)	4-Isopropyltoluene	8.068	119	65698	17.0585	ug/l	95
96)	n-Butylbenzene	8.305	91	56582m	18.9770	ug/l	
97)	1,2,4,5-Tetramethylben...	8.756	119	120207	36.6602	ug/l	99
98)	1,2-Dibromo-3-Chloropr...	8.811	157	8470	16.3246	ug/l	72
99)	Hexachlorobutadiene	9.397	225	9485	15.7143	ug/l	96
100)	1,2,4-Trichlorobenzene	9.311	180	24676m	18.5425	ug/l	
101)	1,2,3-Trichlorobenzene	9.616	180	22879m	19.1124	ug/l	
102)	Naphthalene	9.470	128	84377	21.5082	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211763.D\data.ms
Quant QT Reviewed
SampleID : AD56733-008(MS:AD56
Data File: 1M211763.D
Acq On : 12/03/25 01:14
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 11
Misc : A,5ML;2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->

Abundance
TIC: 1M211763.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->

Abundance
TIC: 1M211763.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-009(MSD:AD
Client Id: MW-40S-MSD
Data File: 1M211764.D
Analysis Date: 12/03/25 01:33
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	20	56-23-5	Carbon Tetrachloride	1.0	21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	18	108-90-7	Chlorobenzene	1.0	19
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1.0	19	75-00-3	Chloroethane	1.0	24
79-00-5	1,1,2-Trichloroethane	0.50	20	67-66-3	Chloroform	5.0	20
75-34-3	1,1-Dichloroethane	1.0	20	74-87-3	Chloromethane	1.0	20
75-35-4	1,1-Dichloroethene	1.0	20	156-59-2	cis-1,2-Dichloroethene	1.0	19
87-61-6	1,2,3-Trichlorobenzene	1.0	21	10061-01-5	cis-1,3-Dichloropropene	1.0	19
120-82-1	1,2,4-Trichlorobenzene	1.0	20	110-82-7	Cyclohexane	1.0	19
96-12-8	1,2-Dibromo-3-Chloroprop	1.0	18	124-48-1	Dibromochloromethane	1.0	20
106-93-4	1,2-Dibromoethane	1.0	18	75-71-8	Dichlorodifluoromethane	1.0	16
95-50-1	1,2-Dichlorobenzene	1.0	19	100-41-4	Ethylbenzene	1.0	20
107-06-2	1,2-Dichloroethane	1.0	20	98-82-8	Isopropylbenzene	1.0	24
78-87-5	1,2-Dichloropropane	1.0	20	79601-23-1	m&p-Xylenes	1.0	39
541-73-1	1,3-Dichlorobenzene	1.0	18	79-20-9	Methyl Acetate	1.0	18
106-46-7	1,4-Dichlorobenzene	1.0	18	108-87-2	Methylcyclohexane	1.0	18
123-91-1	1,4-Dioxane	50	950	75-09-2	Methylene Chloride	1.0	20
78-93-3	2-Butanone	1.0	19	1634-04-4	Methyl-t-butyl ether	0.53	19
591-78-6	2-Hexanone	1.0	20	95-47-6	o-Xylene	1.0	19
108-10-1	4-Methyl-2-Pentanone	1.0	19	100-42-5	Styrene	1.0	20
67-64-1	Acetone	5.0	95	127-18-4	Tetrachloroethene	1.0	20
71-43-2	Benzene	0.50	20	108-88-3	Toluene	1.0	19
74-97-5	Bromochloromethane	1.0	19	156-60-5	trans-1,2-Dichloroethene	1.0	20
75-27-4	Bromodichloromethane	0.50	20	10061-02-6	trans-1,3-Dichloropropene	1.0	19
75-25-2	Bromoform	1.0	18	79-01-6	Trichloroethene	1.0	19
74-83-9	Bromomethane	1.0	15	75-69-4	Trichlorofluoromethane	1.0	24
75-15-0	Carbon Disulfide	1.0	22	75-01-4	Vinyl Chloride	1.0	19
542-75-6	1,3-Dichloropropene (Tota	1.0	38	1330-20-7	Xylenes (Total)	1.0	58

Worksheet #: 818475 *Total Target Concentration* 2000 ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

SampleID : AD56733-009(MSD:AD5 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211764.D Sam Mult : 1 Vial# : 12 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:33 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	81505	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	84937	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	55508	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	25577	31.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.20%			
38) 1,2-Dichloroethane-d4	4.995	67	12349	30.21	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.70%			
65) Toluene-d8	6.050	98	91968	30.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.73%			
75) Bromofluorobenzene	7.458	174	44311	29.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.70%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	18935	17.3904	ug/l	80
6) Dichlorodifluoromethane	1.709	85	20474	15.7877	ug/l	94
7) Chloromethane	1.892	50	20993	19.9379	ug/l	100
8) Bromomethane	2.306	94	14503	14.5707	ug/l	96
9) Vinyl Chloride	1.989	62	24390	19.1972	ug/l	95
10) Chloroethane	2.404	64	19069	23.8952	ug/l	93
11) Trichlorofluoromethane	2.636	101	54352	24.2925	ug/l	94
12) Ethyl ether	2.886	59	17481	19.0993	ug/l	100
13) Furan	2.928	39	26511	20.6847	ug/l	96
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	18467	18.5054	ug/l	95
15) Methylene Chloride	3.514	84	21209	19.6904	ug/l	97
16) Acrolein	3.001	56	13494	67.2788	ug/l	97
17) Acrylonitrile	3.715	53	10161	18.3360	ug/l	82
18) Acetone	3.129	43	41378	94.7734	ug/l	85
19) Carbon Disulfide	3.318	76	55212	21.8967	ug/l	100
20) t-Butyl Alcohol	3.587	59	14589	89.4083	ug/l	70
21) n-Hexane	3.995	57	15420	17.6798	ug/l	98
22) Di-isopropyl-ether	4.141	45	50227	19.4539	ug/l	98
23) 1,1-Dichloroethene	3.099	61	27587	20.0687	ug/l	90
24) Methyl Acetate	3.416	43	17623	18.2059	ug/l	100
25) Methyl-t-butyl ether	3.757	73	58987	19.4093	ug/l	97
26) 1,1-Dichloroethane	4.105	63	33898	20.4041	ug/l	98
27) trans-1,2-Dichloroethene	3.763	96	22496	19.7625	ug/l	95
28) Ethyl-t-butyl ether	4.398	59	56428	19.2089	ug/l	97
29) cis-1,2-Dichloroethene	4.507	61	32908	19.4673	ug/l	90
30) Bromochloromethane	4.660	49	14623	19.1107	ug/l	70
31) 2,2-Dichloropropane	4.513	77	30129	20.8101	ug/l	96
32) Ethyl acetate	4.532	43	24599	18.7055	ug/l	97
33) 1,4-Dioxane	5.580	88	23828	953.0176	ug/l	84
34) 1,1-Dichloropropene	4.922	75	28301	20.0854	ug/l	92
35) Chloroform	4.696	83	38163	19.6078	ug/l	99
37) Cyclohexane	4.873	56	23014	18.8757	ug/l	95
39) 1,2-Dichloroethane	5.038	62	29804	19.5030	ug/l	98
40) 2-Butanone	4.501	43	12667m	18.8026	ug/l	
41) 1,1,1-Trichloroethane	4.830	97	35048	20.3636	ug/l	98
42) Carbon Tetrachloride	4.928	117	30767	20.7204	ug/l	97
43) Vinyl Acetate	4.123	43	68260	20.4915	ug/l	100
44) Bromodichloromethane	5.653	83	28854	20.0142	ug/l	97
45) Methylcyclohexane	5.513	83	22802	18.3747	ug/l	96
46) Dibromomethane	5.586	174	20675	20.1322	ug/l	84
47) 1,2-Dichloropropane	5.519	63	19574	19.9484	ug/l	94
48) Trichloroethene	5.397	130	25338	19.3720	ug/l	96
49) Benzene	5.044	78	77876	19.5592	ug/l	100
50) tert-Amyl methyl ether	5.086	73	55837	19.1858	ug/l	99
52) Iso-propylacetate	5.038	43	41660	18.6709	ug/l	97
53) Methyl methacrylate	5.544	41	17432	19.0324	ug/l	98
54) Dibromochloromethane	6.507	129	27443	19.8928	ug/l	96
56) cis-1,3-Dichloropropene	5.891	75	30666	19.3867	ug/l	96
57) trans-1,3-Dichloropropene	6.178	75	29107	19.1423	ug/l	98
58) Ethyl methacrylate	6.196	41	18967	20.4163	ug/l	91
59) 1,1,2-Trichloroethane	6.281	97	22316	20.1136	ug/l	93
60) 1,2-Dibromoethane	6.586	107	23594	18.1390	ug/l	96
61) 1,3-Dichloropropane	6.379	76	34389	18.8883	ug/l	98
62) 4-Methyl-2-Pentanone	5.958	43	25810	19.3980	ug/l	99
63) 2-Hexanone	6.391	43	19299	19.8472	ug/l	97
64) Tetrachloroethene	6.385	164	21098	20.1545	ug/l	100
66) Toluene	6.086	92	52883	19.4999	ug/l	96
67) 1,1,1,2-Tetrachloroethane	6.873	133	20486	18.6157	ug/l	99
68) Chlorobenzene	6.842	112	60197	18.5383	ug/l	96

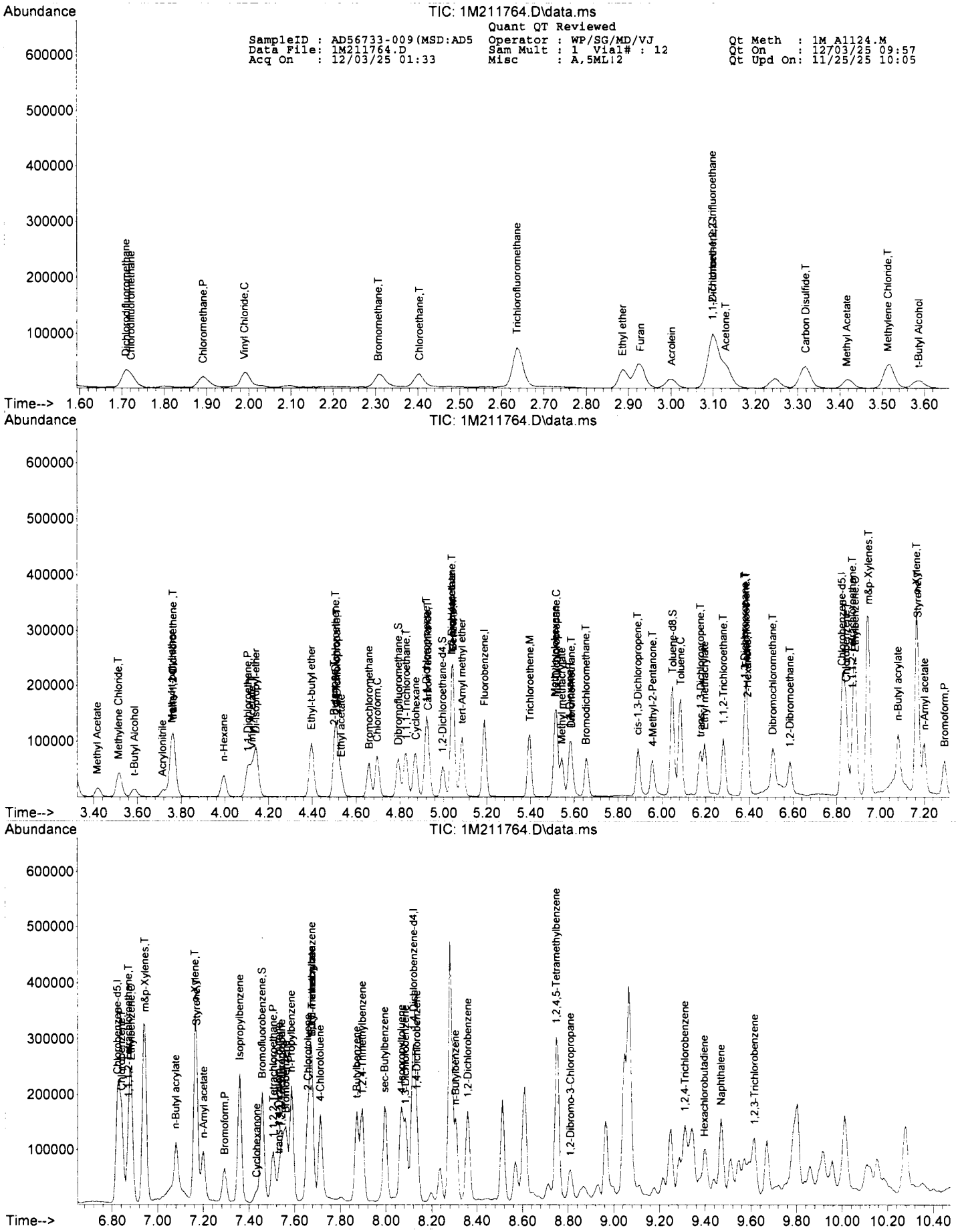
Quantitation Report (QT Reviewed)

SampleID : AD56733-009(MSD:AD5 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211764.D Sam Mult : 1 Vial# : 12 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:33 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70)	n-Butyl acrylate	7.080	55	37145	19.5355	ug/l	94
71)	n-Amyl acetate	7.202	43	32478	19.6339	ug/l	97
72)	Bromoform	7.293	173	20088	18.4177	ug/l	99
73)	Ethylbenzene	6.885	106	27643	20.3648	ug/l	80
74)	1,1,2,2-Tetrachloroethane	7.507	83	30669	17.7852	ug/l	99
76)	Styrene	7.171	104	64910	19.7328	ug/l	94
77)	m&p-Xylenes	6.946	106	74418	38.8420	ug/l	88
78)	o-Xylene	7.165	106	38039	19.4079	ug/l	100
79)	trans-1,4-Dichloro-2-b...	7.531	53	7638	19.1354	ug/l	72
80)	1,3-Dichlorobenzene	8.086	146	45655	18.0559	ug/l	93
81)	1,4-Dichlorobenzene	8.135	146	45861	18.3065	ug/l	95
82)	1,2-Dichlorobenzene	8.360	146	45616	18.9172	ug/l	93
83)	Isopropylbenzene	7.360	105	113450	24.3354	ug/l	100
84)	Cyclohexanone	7.434	55	5426	20.1736	ug/l	87
85)	1,2,3-Trichloropropane	7.543	75	37845	19.2749	ug/l	91
86)	2-Chlorotoluene	7.659	91	48433	18.3867	ug/l	98
87)	4-Chlorotoluene	7.714	91	53524	19.1542	ug/l	97
88)	n-Propylbenzene	7.586	91	117608	24.0202	ug/l	98
89)	Bromobenzene	7.562	77	48752	19.3014	ug/l	70
90)	1,3,5-Trimethylbenzene	7.677	105	68295	18.8326	ug/l	98
91)	Butyl methacrylate	7.677	41	22525	20.7065	ug/l	80
92)	t-Butylbenzene	7.872	119	68579	18.4337	ug/l	91
93)	1,2,4-Trimethylbenzene	7.897	105	69331	17.7387	ug/l	95
94)	sec-Butylbenzene	7.994	105	89073	21.0762	ug/l	95
95)	4-Isopropyltoluene	8.068	119	66118	17.8217	ug/l	96
96)	n-Butylbenzene	8.305	91	88090	30.6702	ug/l	90
97)	1,2,4,5-Tetramethylben...	8.750	119	122766	38.8672	ug/l	99
98)	1,2-Dibromo-3-Chloropr...	8.811	157	8990	17.9870	ug/l	69
99)	Hexachlorobutadiene	9.397	225	10434	17.9452	ug/l	96
100)	1,2,4-Trichlorobenzene	9.311	180	26243m	20.4714	ug/l	
101)	1,2,3-Trichlorobenzene	9.616	180	24250m	21.0296	ug/l	
102)	Naphthalene	9.470	128	88482	23.4140	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211764.D\data.ms
Quant QT Reviewed
SampleID : AD56733-009(MSD:AD5
Data File: 1M211764.D
Acq On : 12/03/25 01:33
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 12
Misc : A,5ML;2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->

Abundance
TIC: 1M211764.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
m&p-Xylenes,T
Time-->

Abundance
TIC: 1M211764.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4,5-Tetramethylbenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-010
Client Id: DUP-01
Data File: 1M211759.D
Analysis Date: 12/02/25 23:55
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**4.9**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 4.9

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

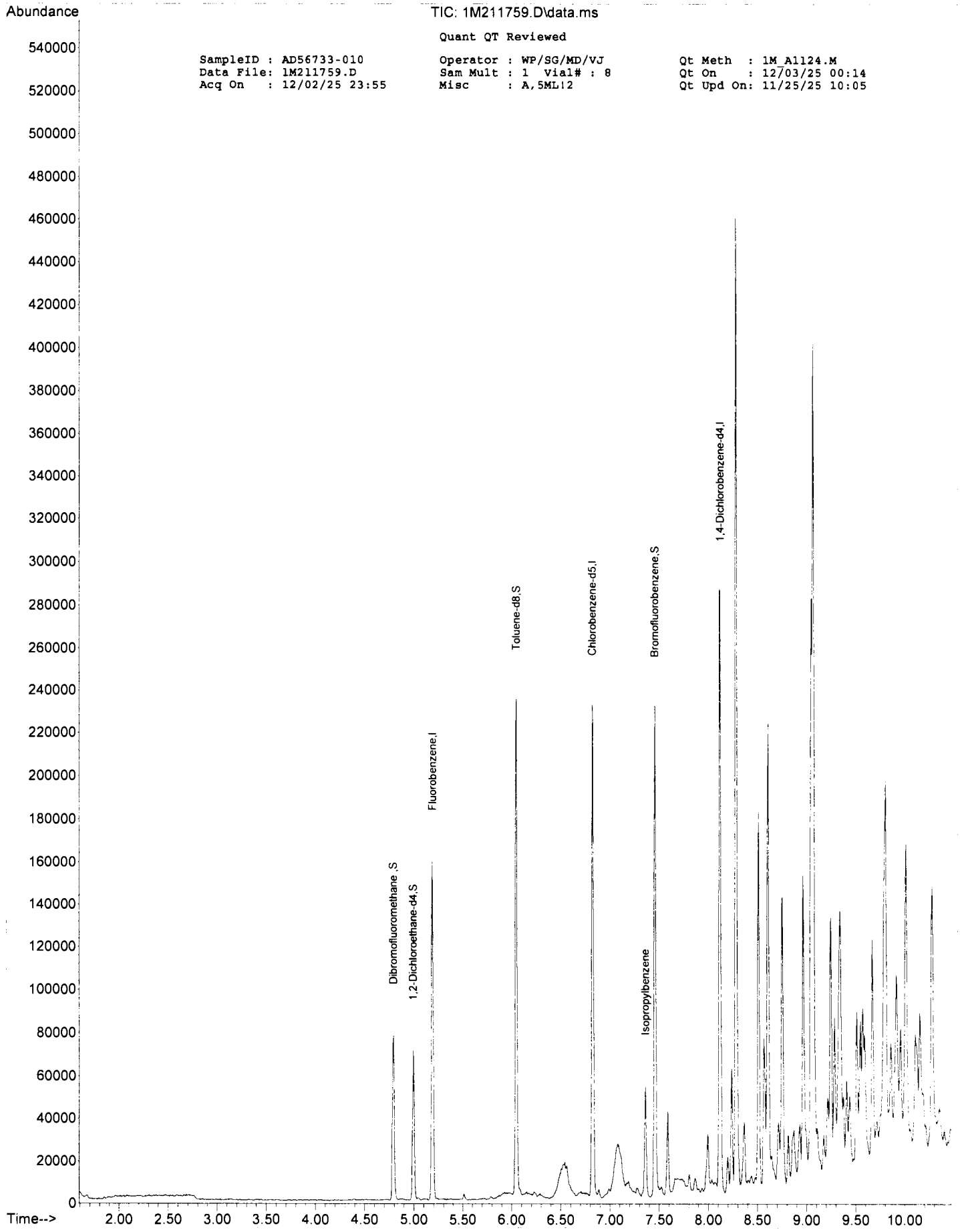
SampleID : AD56733-010 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211759.D Sam Mult : 1 Vial# : 8 Qt On : 12/03/25 00:14
Acq On : 12/02/25 23:55 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

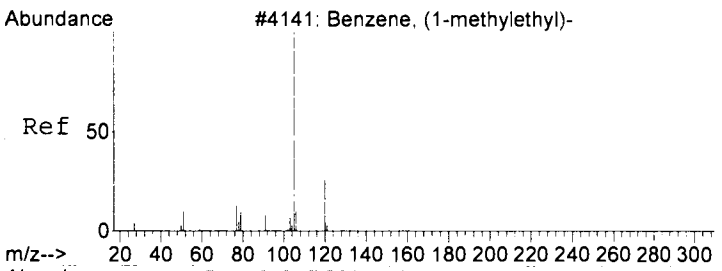
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

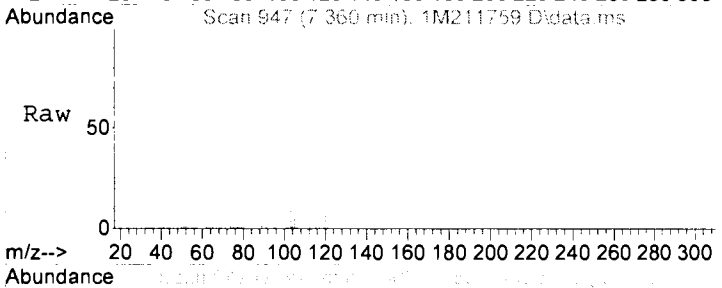
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	97786	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	101161	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	62649	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	30179	31.04	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.47%			
38) 1,2-Dichloroethane-d4	4.995	67	15647	31.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.37%			
65) Toluene-d8	6.050	98	109192	30.72	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.40%			
75) Bromofluorobenzene	7.458	174	51336	30.39	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.30%			
Target Compounds						Qvalue
83) Isopropylbenzene	7.360	105	25619	4.8690	ug/l	97

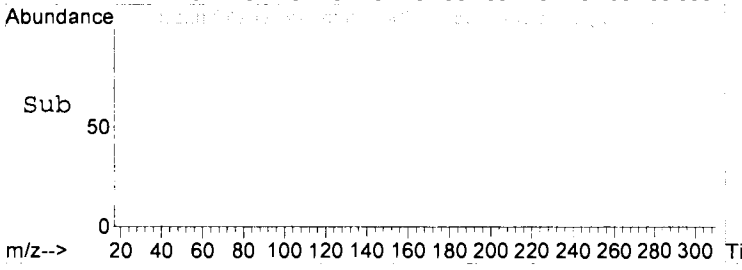
(#) = qualifier out of range (m) = manual integration (+) = signals summed

P


Abundance
TIC: 1M211759.D\data.ms
Quant QT Reviewed
SampleID : AD56733-010
Data File: 1M211759.D
Acq On : 12/02/25 23:55
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 8
Misc : A,5ML12
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 00:14
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
Isopropylbenzene
1,4-Dichlorobenzene-d4,I
Time-->



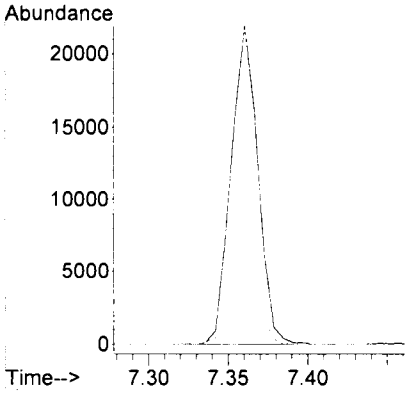




#83
Isopropylbenzene
Concen: 4.87 ug/l
RT: 7.360 min Scan# 947
Delta R.T. 0.000 min
Lab File: 1M211759.D
Acq: 02 Dec 2025 23:55

Tgt Ion:105 Resp: 25619

Ion	Ratio	Lower	Upper
105	100		
120	28.2	0.0	66.3
77	14.6	0.0	55.3



Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-011
Client Id: MW-39S
Data File: 1M211779.D
Analysis Date: 12/03/25 06:28
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**6.2**
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	**79-01-6**	**Trichloroethene**	**1.0**	**1.0**
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 7.2

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

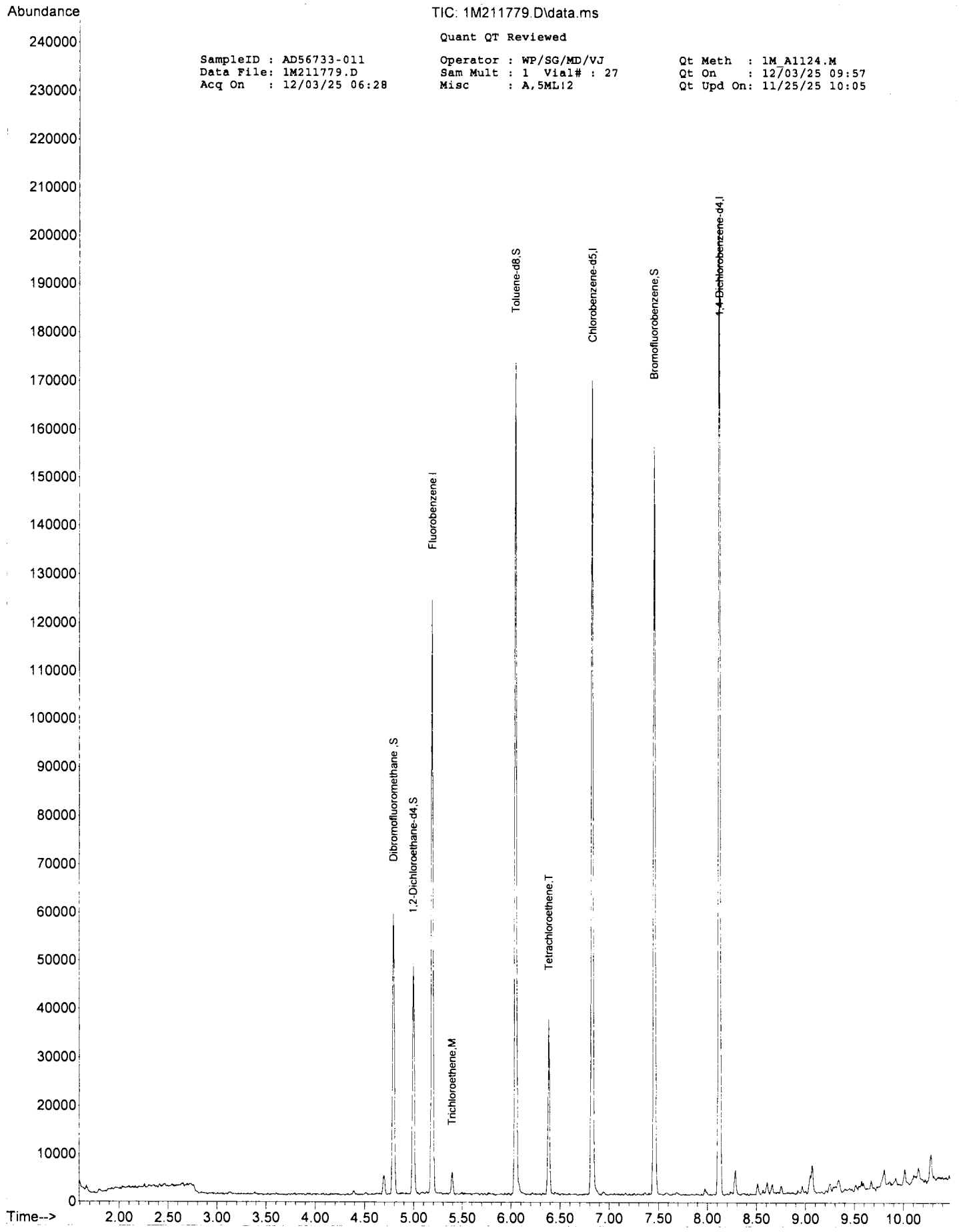
Quantitation Report (QT Reviewed)

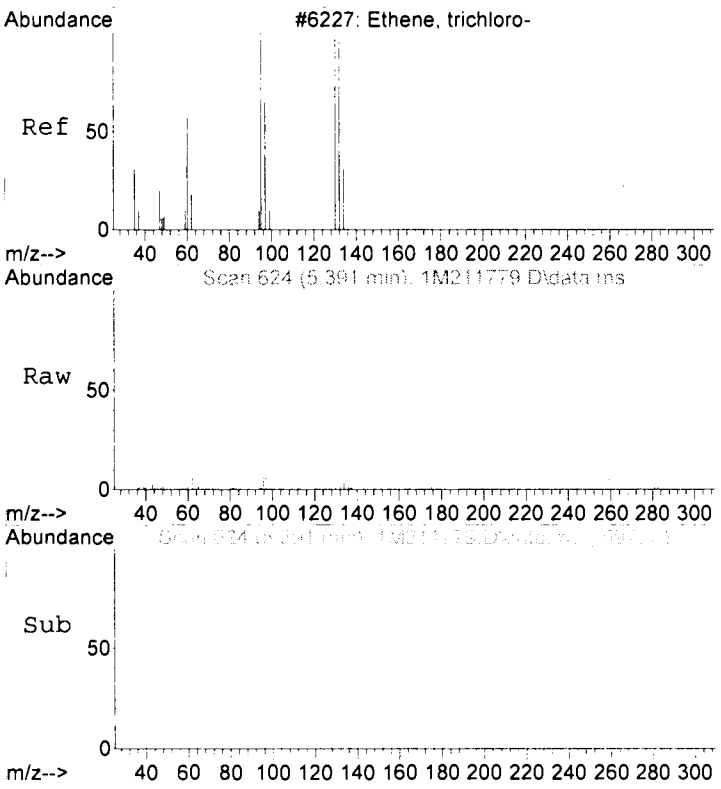
SampleID : AD56733-011 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211779.D Sam Mult : 1 Vial# : 27 Qt On : 12/03/25 09:57
Acq On : 12/03/25 06:28 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	74178	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	74935	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	45193	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	22457	30.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.50%			
38) 1,2-Dichloroethane-d4	4.995	67	11311	30.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.37%			
65) Toluene-d8	6.050	98	81556	30.98	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.27%			
75) Bromofluorobenzene	7.458	174	35776	29.36	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.87%			
Target Compounds						Qvalue
48) Trichloroethene	5.391	130	1247	1.0476	ug/l	89
64) Tetrachloroethene	6.385	164	5707	6.1795	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

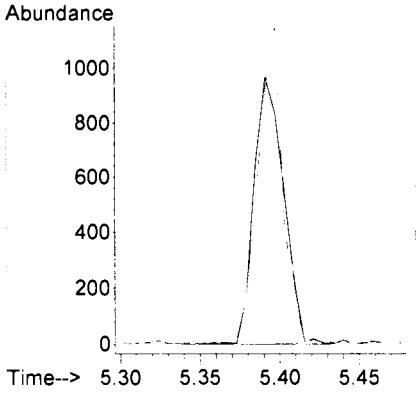

Abundance
TIC: 1M211779.D\data.ms
Quant QT Reviewed
SampleID : AD56733-011
Data File: 1M211779.D
Acq On : 12/03/25 06:28
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 27
Misc : A,5ML;2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Trichloroethene,M
Toluene-d8,S
Tetrachloroethene,T
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

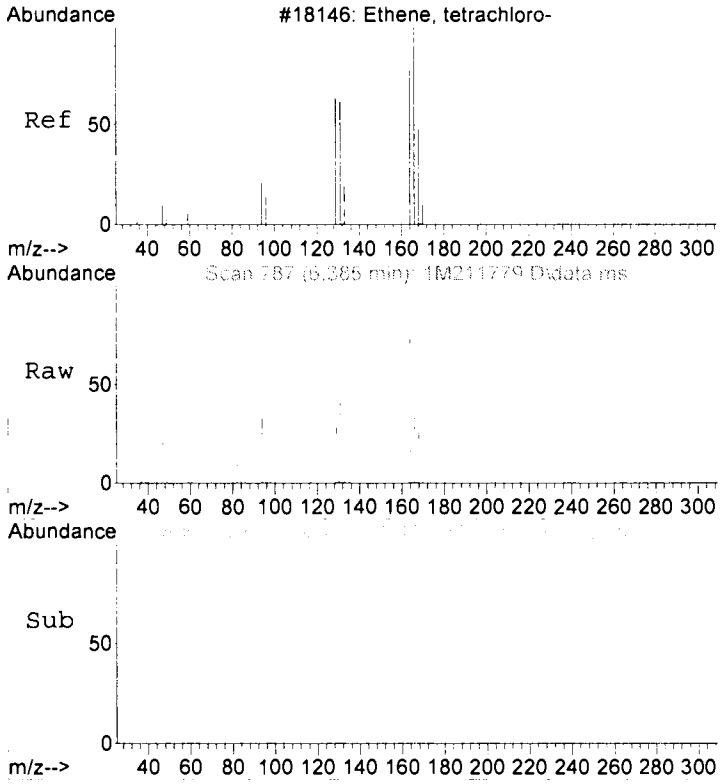


#48
Trichloroethene
Concen: 1.05 ug/l
RT: 5.391 min Scan# 624
Delta R.T. -0.006 min
Lab File: 1M211779.D
Acq: 03 Dec 2025 06:28

Tgt Ion:130 Resp: 1247

Ion	Ratio	Lower	Upper
130	100		
132	94.9	57.1	137.1
95	75.3	45.2	145.2

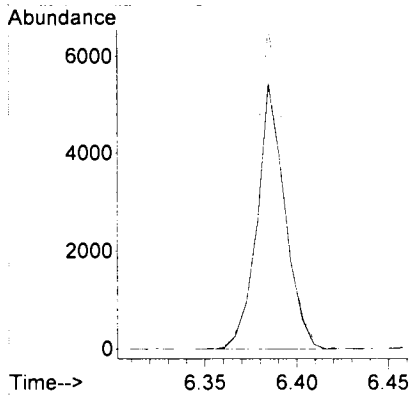




#64
Tetrachloroethene
Concen: 6.18 ug/l
RT: 6.385 min Scan# 787
Delta R.T. 0.000 min
Lab File: 1M211779.D
Acq: 03 Dec 2025 06:28

Tgt Ion:164 Resp: 5707

Ion	Ratio	Lower	Upper
164	100		
166	120.8	53.0	193.0



GC/MS Volatile Data
Standards Data

5112647 0136

Form 6
Initial Calibration

Method: EPA 8260D

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M211475.D	CAL @ 20 PPB	11/25/25 01:22	2	1M211471.D	CAL @ 5 PPB	11/25/25 00:03
3	1M211473.D	CAL @ 10 PPB	11/25/25 00:43	4	1M211477.D	CAL @ 50 PPB	11/25/25 02:01
5	1M211480.D	CAL @ 100 PPB	11/25/25 03:00	6	1M211483.D	CAL @ 250 PPB	11/25/25 03:58
7	1M211487.D	CAL @ 500 PPB	11/25/25 05:17	8	1M211470.D	CAL @ 1 PPB	11/24/25 23:44
9	1M211469.D	CAL @ 0.5 PPB	11/24/25 23:24				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.3847	0.4415	0.3685	0.3766	0.3707	0.4296	0.4331	0.4011	-----	0.401	1.72	0.999	0.999	7.5	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluorometha	1	0	Avg	0.4612	0.5165	0.4207	0.4279	0.4506	0.5159	0.5108	0.5147	-----	0.477	1.71	0.999	0.999	8.7	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.3679	0.4280	0.3673	0.3499	0.3552	0.3976	0.3938	0.4403	-----	0.388	1.89	1.00	1.00	8.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.3169	0.3714	0.3201	0.2931	0.3018	0.3771	0.4714	0.4788	-----	0.366	2.31	0.988	1.00	20	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Chloride	1	0	Avg	0.4587	0.4892	0.4425	0.4165	0.4362	0.4972	0.5001	0.5003	-----	0.468	2.00	0.999	0.999	7.1	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.2660	0.3088	0.2884	0.2531	0.2597	0.2998	0.2994	0.3744	-----	0.294	2.40	0.999	0.999	13	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichlorofluoromethan	1	0	Avg	0.7874	0.9341	0.7658	0.7251	0.7960	0.8749	0.8175	0.8870	-----	0.824	2.64	0.999	0.999	8.5	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl ether	1	0	Avg	0.3005	0.3864	0.3060	0.3088	0.3065	0.3476	0.3488	0.3903	-----	0.337	2.89	0.999	1.00	11	0.50 a	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Furan	1	0	Avg	0.4423	0.5274	0.4666	0.4508	0.4294	0.4943	0.4916	0.4712	-----	0.472	2.92	0.999	0.999	6.8	0.50 a	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,2-Trichloro-1,2,2-tr	1	0	Avg	0.3333	0.4030	0.3505	0.3400	0.3399	0.3969	0.3922	0.3823	-----	0.367	3.10	0.999	0.999	7.9	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.3666	0.4456	0.3528	0.3587	0.3639	0.4159	0.4075	0.4604	-----	0.396	3.52	0.999	0.999	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0636	0.0719	0.0717	0.0709	0.0729	0.0865	0.0869	0.0659	-----	0.0738	3.00	0.999	0.999	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1820	0.2273	0.1879	0.1792	0.1840	0.2069	0.2042	0.2600	-----	0.204	3.72	0.999	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1482	0.1721	0.1461	0.1458	0.1484	0.1685	0.1618	0.1944	-----	0.161	3.13	0.999	0.999	11	0.10	100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.8398	0.9506	0.8086	0.8766	0.8770	1.0253	1.0236	1.0230	-----	0.928	3.32	0.999	0.999	9.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0532	0.0621	0.0540	0.0543	0.0565	0.0671	0.0663	0.0665	-----	0.0601	3.59	0.999	0.999	10		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	Avg	0.3089	0.3710	0.2903	0.3001	0.3013	0.3387	0.3426	0.3151	-----	0.321	4.00	0.999	1.00	8.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	0.8798	1.0055	0.8862	0.9354	0.9063	1.0298	1.0318	0.9273	-----	0.950	4.14	0.999	1.00	6.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1-Dichloroethene	1	0	Avg	0.4653	0.5765	0.4635	0.4863	0.4641	0.5353	0.5270	0.5295	-----	0.506	3.10	0.999	0.999	8.3	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.3368	0.3771	0.3261	0.3312	0.3251	0.3786	0.3734	0.4018	-----	0.356	3.42	0.999	0.999	8.3	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	1.0374	1.2577	1.0405	1.0658	1.0761	1.2297	1.2346	1.1119	1.0137	1.12	3.76	0.999	1.00	8.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1,1-Dichloroethane	1	0	Avg	0.5792	0.6430	0.5884	0.5954	0.5865	0.6638	0.6415	0.5939	-----	0.611	4.10	0.999	0.999	5.3	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1,2-Dichloroethe	1	0	Avg	0.3913	0.4387	0.3882	0.3727	0.3876	0.4374	0.4374	0.4982	-----	0.419	3.76	0.999	1.00	10	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl-t-butyl ether	1	0	Avg	0.9903	1.1693	0.9788	1.0426	1.0150	1.1619	1.1748	1.1169	-----	1.08	4.40	0.999	1.00	7.7	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1,2-Dichloroethene	1	0	Avg	0.5826	0.6591	0.5690	0.5987	0.5883	0.6661	0.6616	0.6518	-----	0.622	4.51	0.999	1.00	6.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2721	0.3309	0.2799	0.2815	0.2536	0.2769	0.2680	0.2899	-----	0.282	4.66	1.00	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2,2-Dichloropropane	1	0	Avg	0.4896	0.5699	0.4904	0.5233	0.5066	0.5809	0.5774	0.5248	-----	0.533	4.51	0.999	0.999	7.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl acetate	1	0	Avg	0.4583	0.5220	0.4672	0.4626	0.4453	0.5111	0.5221	0.4834	-----	0.484	4.53	0.999	1.00	6.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,4-Dioxane	1	0	Avg	0.0085	0.0100	0.0085	0.0081	0.0087	0.0099	0.0106	0.0089	-----	0.00920	5.58	0.998	1.00	9.6		1000.	250.0	500.0	2500.	5000.	12500	25000	50.00	
1,1-Dichloropropene	1	0	Avg	0.4895	0.5774	0.4906	0.4877	0.4921	0.5496	0.5574	0.5043	-----	0.519	4.92	0.999	1.00	7.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.6720	0.7763	0.6651	0.7034	0.6734	0.7636	0.7604	0.7165	-----	0.716	4.70	0.999	1.00	6.3	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethan	1	0	Avg	0.2995	0.2911	0.3047	0.3120	0.3105	0.2974	0.2805	0.2964	0.2922	0.298	4.79	-1	-1	3.3		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	Avg	0.4109	0.4789	0.4252	0.4296	0.4217	0.4802	0.4796	0.4636	-----	0.449	4.87	0.999	1.00	6.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2-Dichloroethane-d4	1	0	Avg	0.1598	0.1494	0.1522	0.1577	0.1544	0.1471	0.1364	0.1441	0.1524	0.150	4.99	-1	-1	4.8		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1,2-Dichloroethane	1	0	Avg	0.5331	0.6070	0.5212	0.5395	0.5174	0.5877	0.5930	0.6568	0.5062	0.562	5.04	0.999	1.00	9.1	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	Avg	0.2170	0.2702	0.2136	0.2259	0.2406	0.2720	0.2602	0.2838	-----	0.248	4.53	0.999	0.999	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,1-Trichloroethane	1	0	Avg	0.5882	0.6220	0.5796	0.6284	0.6145	0.7058	0.7097	0.6194	-----	0.633	4.83	0.999	1.00	7.7	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.5218	0.5291	0.4944	0.5336	0.5436	0.6418	0.6470	0.4608	-----	0.547	4.93	0.999	0.999	12	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	1.1247	1.3077	1.1510	1.1890	1.1491	1.3486	1.3791	1.1594	-----	1.23	4.12	0.999	0.999	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethan	1	0	Avg	0.5003	0.5482	0.5042	0.5038	0.5201	0.6008	0.6395	0.5363	0.4221	0.531	5.65	0.998	1.00	12	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
Methylcyclohexane	1	0	Avg	0.4346	0.4882	0.4066	0.4118	0.4335	0.4934	0.5184	0.4672	-----	0.457	5.52	0.999	1.00	9.0	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the min rf criteria

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.722

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

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Form 6
Initial Calibration

Method: EPA 8260D

Instrument: GCMS_1

Level #	Data File:	Cal Identifier:	Analysis Date/Time	Level #	Data File:	Cal Identifier:	Analysis Date/Time
1	1M211475.D	CAL @ 20 PPB	11/25/25 01:22	2	1M211471.D	CAL @ 5 PPB	11/25/25 00:03
3	1M211473.D	CAL @ 10 PPB	11/25/25 00:43	4	1M211477.D	CAL @ 50 PPB	11/25/25 02:01
5	1M211480.D	CAL @ 100 PPB	11/25/25 03:00	6	1M211483.D	CAL @ 250 PPB	11/25/25 03:58
7	1M211487.D	CAL @ 500 PPB	11/25/25 05:17	8	1M211470.D	CAL @ 1 PPB	11/24/25 23:44
9	1M211469.D	CAL @ 0.5 PPB	11/24/25 23:24				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Dibromomethane	1	0	Avg	0.3464	0.3850	0.3514	0.3377	0.3472	0.3972	0.4334	0.4252	-----	0.378	5.59	0.997	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2-Dichloropropane	1	0	Avg	0.3376	0.3938	0.3344	0.3260	0.3432	0.3855	0.4024	0.3662	-----	0.361	5.52	0.999	1.00	8.2	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.4677	0.5247	0.4552	0.4358	0.4580	0.5172	0.5368	0.4557	-----	0.481	5.40	0.999	1.00	8.0	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Benzene	1	0	Avg	1.4096	1.6438	1.4037	1.4359	1.4003	1.5955	1.6023	1.4324	1.2657	1.47	5.04	0.999	1.00	8.4	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.9758	1.1535	0.9892	1.0354	1.0164	1.1454	1.2015	1.0522	-----	1.07	5.09	0.999	1.00	7.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iso-propylacetate	1	0	Avg	0.7687	0.8247	0.7308	0.8337	0.7921	0.9156	0.6483	0.7907	-----	0.788	5.04	0.968	0.995	9.9	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl methacrylate	1	0	Avg	0.2944	0.3502	0.3218	0.3066	0.3141	0.3676	0.2825	0.3504	-----	0.324	5.54	0.982	0.996	9.3	0.50 a	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethan	1	0	Avg	0.4562	0.4964	0.4261	0.4810	0.4924	0.5757	0.5156	0.4543	-----	0.487	6.51	0.997	0.998	9.4	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylethe	1	0	Avg	0.1234	0.1430	0.1277	0.1260	0.1302	0.1487	0.1115	0.1515	-----	0.133	5.79	0.978	0.996	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1,3-Dichloropropen	1	0	Avg	0.5390	0.5681	0.5371	0.5793	0.5793	0.6730	0.4889	0.5045	-----	0.559	5.89	0.973	0.995	10	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1,3-Dichloroprop	1	0	Avg	0.4923	0.5392	0.4953	0.5403	0.5584	0.6477	0.5265	0.4964	-----	0.537	6.18	0.989	0.997	9.5	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl methacrylate	1	0	Avg	0.3079	0.3348	0.3139	0.3322	0.3372	0.3928	0.3125	0.2935	-----	0.328	6.20	0.987	0.997	9.2	0.50 a	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,2-Trichloroethane	1	0	Avg	0.3784	0.4382	0.3769	0.3898	0.3820	0.4367	0.3289	0.4524	0.3432	0.392	6.28	0.980	0.996	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1,2-Dibromoethane	1	0	Avg	0.4341	0.5120	0.4339	0.4454	0.4429	0.5000	0.4842	0.4225	-----	0.459	6.59	0.999	0.999	7.4	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,3-Dichloropropane	1	0	Avg	0.6164	0.7388	0.6368	0.6211	0.6188	0.6962	0.5228	0.6931	-----	0.643	6.38	0.978	0.996	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	Avg	0.4490	0.5225	0.4423	0.4431	0.4591	0.5255	0.3965	0.5212	-----	0.470	5.96	0.979	0.996	10	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	Avg	0.3276	0.3429	0.3334	0.3353	0.3443	0.3917	0.2747	0.3973	-----	0.343	6.39	0.966	0.995	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.3379	0.4210	0.3528	0.3547	0.3532	0.4014	0.2992	0.4373	-----	0.370	6.38	0.977	0.996	13	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	1.0915	1.0794	1.0997	1.0925	1.0917	1.0673	0.7810	1.0825	1.0994	1.05	6.05	-1	-1	9.8		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	0.9265	1.0352	0.9235	0.9249	0.9114	1.0395	0.8992	1.0025	-----	0.958	6.09	0.995	0.998	6.0	0.40	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,1,2-Tetrachloroeth	1	0	Avg	0.3535	0.4076	0.3628	0.3806	0.3874	0.4560	0.3784	0.3829	-----	0.389	6.87	0.991	0.997	8.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chlorobenzene	1	0	Avg	1.0700	1.2449	1.0902	1.0828	1.0618	1.2080	1.2099	1.2073	-----	1.15	6.84	0.999	1.00	6.7	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butyl acrylate	1	0	Avg	0.9639	0.9608	0.9188	1.0686	1.0719	0.8532	1.4329	0.9506	-----	1.03	7.08	0.962	0.994	17	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Amyl acetate	1	0	Avg	0.8612	0.8706	0.8377	0.9192	0.9430	0.9766	0.9989	0.7445	-----	0.894	7.20	1.00	1.00	9.3	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Avg	0.5108	0.5921	0.5178	0.5754	0.5765	0.5993	0.8217	0.5217	-----	0.589	7.29	0.983	0.999	17	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.7656	0.8922	0.7134	0.7688	0.7373	0.5127	0.6367	0.8417	-----	0.734	6.88	0.988	0.992	16	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,2,2-Tetrachloroeth	1	0	Avg	0.8946	1.0807	0.9171	0.8892	0.8567	0.7716	0.9954	1.0503	-----	0.932	7.51	0.988	0.998	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	0.8038	0.8037	0.8003	0.8174	0.7931	0.7761	0.8572	0.7949	0.8335	0.809	7.46	-1	-1	3.0		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	1.7423	1.9541	1.7165	1.8012	1.7469	1.5114	2.2490	1.5009	-----	1.78	7.17	0.975	0.997	14	0.30	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
m&p-Xylenes	1	0	Avg	1.0386	1.1990	1.0432	1.0497	1.0210	0.7124	1.1515	1.1849	0.9187	1.04	6.95	0.966	0.991	15	0.10	40.00	10.00	20.00	100.0	200.0	500.0	1000.	2.00	1.00
o-Xylene	1	0	Avg	1.0014	1.1346	1.0413	1.0338	0.9959	0.8415	1.2897	1.1357	-----	1.06	7.17	0.972	0.996	12	0.30	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1,4-Dichloro-2-b	1	0	Avg	0.1938	0.2290	0.1894	0.2105	0.2213	0.1891	0.2343	0.2581	-----	0.216	7.53	0.992	0.998	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,3-Dichlorobenzene	1	0	Avg	1.2787	1.3763	1.2605	1.2761	1.2321	1.4253	1.5472	1.5362	-----	1.37	8.09	0.998	1.00	9.2	0.60	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,4-Dichlorobenzene	1	0	Avg	1.2461	1.5054	1.2752	1.2896	1.2506	1.3828	1.3851	1.4966	-----	1.35	8.13	1.00	1.00	7.8	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2-Dichlorobenzene	1	0	Avg	1.2022	1.4025	1.2395	1.2115	1.1829	1.4062	1.4891	1.2917	-----	1.30	8.36	0.998	1.00	8.8	0.40	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	Avg	2.4097	2.7080	2.3976	2.4166	2.3325	2.4740	2.8859	2.5320	-----	2.52	7.36	0.995	1.00	7.4	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	Avg	0.1468	0.1756	0.1496	0.1303	0.1441	0.1313	0.1031	0.1818	-----	0.145	7.43	0.983	1.00	17		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
1,2,3-Trichloropropane	1	0	Avg	1.0474	1.2678	1.0276	1.0692	1.0648	0.8601	0.9935	1.1586	-----	1.06	7.54	0.995	0.997	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.3769	1.8114	1.3961	1.3654	1.3132	1.2807	1.3648	1.4805	-----	1.42	7.66	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Chlorotoluene	1	0	Avg	1.3869	1.6700	1.4560	1.3947	1.4208	1.4409	1.3639	1.9484	-----	1.51	7.71	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	2.6106	3.0733	2.6105	2.6484	2.5841	2.6386	2.2645	2.7394	-----	2.65	7.59	0.994	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the min rf criteria

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.722

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

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Form 6
Initial Calibration

Method: EPA 8260D

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M211475.D	CAL @ 20 PPB	11/25/25 01:22	2	1M211471.D	CAL @ 5 PPB	11/25/25 00:03
3	1M211473.D	CAL @ 10 PPB	11/25/25 00:43	4	1M211477.D	CAL @ 50 PPB	11/25/25 02:01
5	1M211480.D	CAL @ 100 PPB	11/25/25 03:00	6	1M211483.D	CAL @ 250 PPB	11/25/25 03:58
7	1M211487.D	CAL @ 500 PPB	11/25/25 05:17	8	1M211470.D	CAL @ 1 PPB	11/24/25 23:44
9	1M211469.D	CAL @ 0.5 PPB	11/24/25 23:24				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Bromobenzene	1	0	Avg	1.3544	1.6062	1.3236	1.3739	1.3083	1.1794	1.1594	1.6154	-----	1.37	7.56	0.999	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,3,5-Trimethylbenzen	1	0	Avg	1.9260	2.1624	1.9223	1.9390	1.8861	1.8507	1.9384	2.0542	-----	1.96	7.68	1.00	1.00	5.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Butyl methacrylate	1	0	Avg	0.5742	0.5859	0.5008	0.6148	0.6180	0.6253	0.6710	0.5131	-----	0.588	7.68	0.999	1.00	9.8	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	1.8676	2.1256	1.8654	1.8864	1.8333	2.1502	2.3685	1.9880	-----	2.01	7.87	0.997	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,4-Trimethylbenzen	1	0	Avg	1.9539	2.2514	1.9470	2.0149	1.9407	2.2255	2.4850	2.0802	-----	2.11	7.90	0.997	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.1363	2.3659	2.1081	2.1721	2.1218	2.3734	2.7328	2.2622	-----	2.28	7.99	0.995	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	1.8649	2.1470	1.8406	1.9275	1.8967	2.1326	2.4543	1.7769	-----	2.01	8.07	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	1.4168	1.6128	1.3632	1.4686	1.4669	1.6320	1.9154	1.5424	-----	1.55	8.31	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,4,5-Tetramethylbe	1	0	Avg	1.5293	1.6567	1.5070	1.6648	1.6839	1.9710	2.0840	1.5597	-----	1.71	8.75	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2-Dibromo-3-Chloro	1	0	Avg	0.2312	0.2839	0.2089	0.2402	0.2488	0.3218	0.3498	0.2760	-----	0.270	8.81	0.996	0.999	18	0.05	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	Avg	0.2710	0.3104	0.2626	0.2773	0.2904	0.3254	0.4058	0.3707	-----	0.314	9.40	0.990	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,4-Trichlorobenzen	1	0	Avg	0.6170	0.6691	0.5693	0.6334	0.6461	0.7829	0.8949	0.7297	-----	0.693	9.31	0.995	1.00	15	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2,3-Trichlorobenzen	1	0	Avg	0.5320	0.6097	0.5400	0.5717	0.5954	0.6801	0.8700	0.5867	-----	0.623	9.62	0.988	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	Avg	1.7955	1.9286	1.7115	1.9191	2.0139	2.4613	2.7278	1.7813	-----	2.04	9.47	0.996	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the min rf criteria
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.722
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211475.D Sam Mult : 1 Vial# : 7 Qt On : 11/25/25 01:40
Acq On : 11/25/25 01:22 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	89170	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.824	117	88619	30.00	ug/l	-0.01
69) 1,4-Dichlorobenzene-d4	8.122	152	55505	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	26709	27.05	ug/l	0.00
Spiked Amount 30.000			Recovery = 90.17%			
38) 1,2-Dichloroethane-d4	4.995	67	14254	27.25	ug/l	-0.01
Spiked Amount 30.000			Recovery = 90.83%			
65) Toluene-d8	6.050	98	96736	33.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.60%			
75) Bromofluorobenzene	7.458	174	44618	32.59	ug/l	-0.01
Spiked Amount 30.000			Recovery = 108.63%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	22874	9.5743	ug/l	68
6) Dichlorodifluoromethane	1.709	85	27418	9.2740	ug/l	97
7) Chloromethane	1.892	50	21872	10.7002	ug/l	99
8) Bromomethane	2.312	94	18842	20.3724	ug/l	97
9) Vinyl Chloride	1.995	62	27273	12.1899	ug/l	96
10) Chloroethane	2.404	64	15818	11.8739	ug/l	89
11) Trichlorofluoromethane	2.636	101	46810	14.1986	ug/l	94
12) Ethyl ether	2.892	59	17868	10.2023	ug/l	97
13) Furan	2.922	39	26298	10.1755	ug/l	96
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	19816	11.5205	ug/l	95
15) Methylene Chloride	3.520	84	21796	10.3871	ug/l	97
16) Acrolein	3.001	56	18915	39.4121	ug/l	98
17) Acrylonitrile	3.721	53	10822	10.1617	ug/l	77
18) Acetone	3.129	43	44057	47.6451	ug/l	88
19) Carbon Disulfide	3.318	76	49926	8.7676	ug/l	100
20) t-Butyl Alcohol	3.587	59	15839	41.2948	ug/l	90
21) n-Hexane	3.995	57	18363	10.5479	ug/l	93
22) Di-isopropyl-ether	4.141	45	52305	9.8993	ug/l	98
23) 1,1-Dichloroethene	3.105	61	27664	10.0503	ug/l	90
24) Methyl Acetate	3.422	43	20026	9.6886	ug/l	100
25) Methyl-t-butyl ether	3.757	73	61670	10.4322	ug/l	97
26) 1,1-Dichloroethane	4.105	63	34432	10.1010	ug/l	98
27) trans-1,2-Dichloroethene	3.763	96	23264	11.1131	ug/l	95
28) Ethyl-t-butyl ether	4.397	59	58875	10.0271	ug/l	96
29) cis-1,2-Dichloroethene	4.507	61	34639	10.4675	ug/l	89
30) Bromochloromethane	4.660	49	16177	10.2362	ug/l	67
31) 2,2-Dichloropropane	4.513	77	29107	9.3088	ug/l	94
32) Ethyl acetate	4.532	43	27248	10.3341	ug/l	97
33) 1,4-Dioxane	5.580	88	25336	540.2271	ug/l	94
34) 1,1-Dichloropropene	4.922	75	29102	10.9748	ug/l	92
35) Chloroform	4.696	83	39948	10.8698	ug/l	93
37) Cyclohexane	4.873	56	24428	10.0164	ug/l	96
39) 1,2-Dichloroethane	5.038	62	31692	11.5068	ug/l	94
40) 2-Butanone	4.501	43	12900m	8.8302	ug/l	
41) 1,1,1-Trichloroethane	4.830	97	34972	10.4526	ug/l	90
42) Carbon Tetrachloride	4.928	117	31020	11.0285	ug/l	97
43) Vinyl Acetate	4.123	43	66860	9.0632	ug/l	100
44) Bromodichloromethane	5.653	83	29746	10.4320	ug/l	96
45) Methylcyclohexane	5.519	83	25838	11.6817	ug/l	97
46) Dibromomethane	5.586	174	20596	13.5516	ug/l	92
47) 1,2-Dichloropropane	5.519	63	20073	9.9762	ug/l	94
48) Trichloroethene	5.397	130	27805	12.4251	ug/l	89
49) Benzene	5.044	78	83801	11.2736	ug/l	100
50) tert-Amyl methyl ether	5.086	73	58010	9.8040	ug/l	99
52) Iso-propylacetate	5.038	43	45418	12.5273	ug/l	96
53) Methyl methacrylate	5.544	41	17393	11.4404	ug/l	79
54) Dibromochloromethane	6.507	129	26955	14.6735	ug/l	97
55) 2-Chloroethylvinylether	5.793	63	7292	13.6983	ug/l	91
56) cis-1,3-Dichloropropene	5.891	75	31849	12.6505	ug/l	95
57) trans-1,3-Dichloropropene	6.178	75	29086	11.7865	ug/l	100
58) Ethyl methacrylate	6.196	41	18191	11.7183	ug/l	98
59) 1,1,2-Trichloroethane	6.281	97	22356	14.2131	ug/l	95
60) 1,2-Dibromoethane	6.586	107	25649	14.6628	ug/l	93
61) 1,3-Dichloropropane	6.379	76	36422	14.1887	ug/l	97
62) 4-Methyl-2-Pentanone	5.958	43	26531	12.4313	ug/l	91
63) 2-Hexanone	6.391	43	19356	12.0505	ug/l	95
64) Tetrachloroethene	6.385	164	19968	17.2750	ug/l	90
66) Toluene	6.086	92	54742	15.0560	ug/l	90
67) 1,1,1,2-Tetrachloroethane	6.873	133	20888	13.8937	ug/l	92

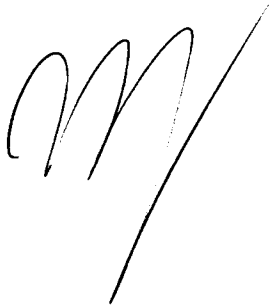
Quantitation Report (QT Reviewed)

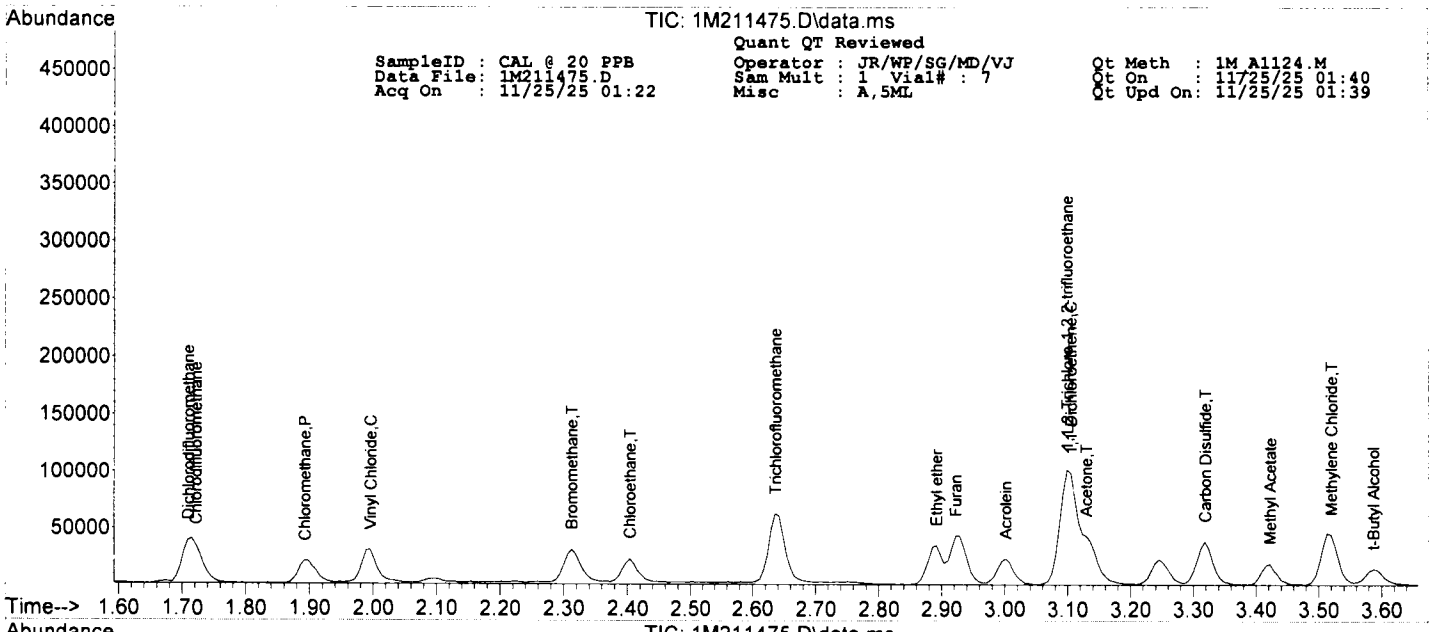
SampleID : CAL @ 20 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211475.D Sam Mult : 1 Vial# : 7 Qt On : 11/25/25 01:40
Acq On : 11/25/25 01:22 Misc : A,5ML Qt Upd On: 11/25/25 01:39

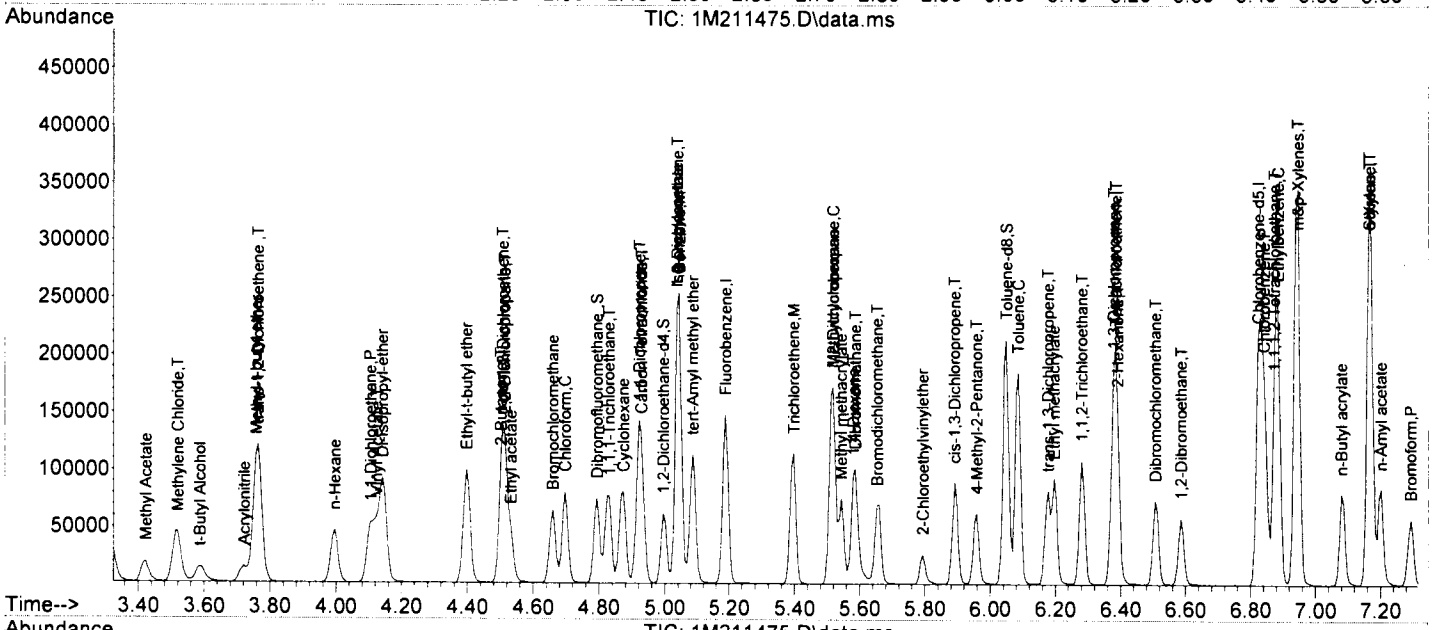
Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

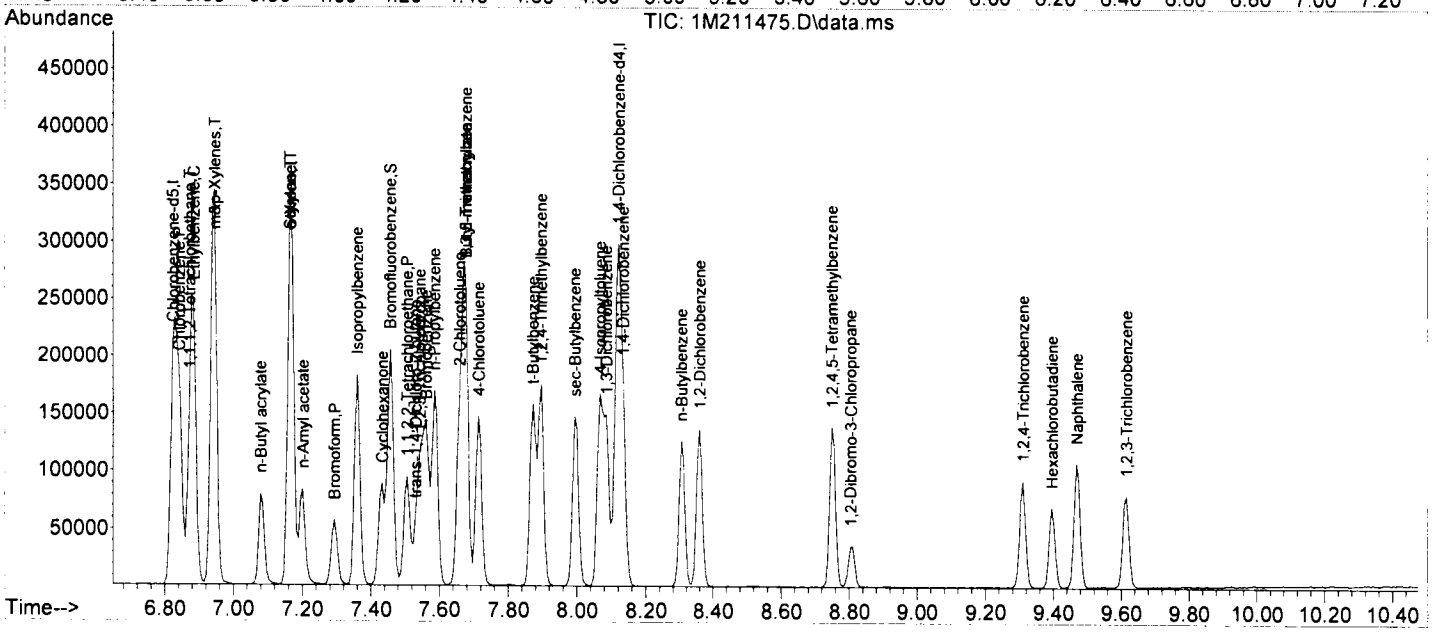
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	63220	15.6545	ug/l	97
70)	n-Butyl acrylate	7.080	55	35671	10.9954	ug/l	96
71)	n-Amyl acetate	7.202	43	31870	10.9383	ug/l	97
72)	Bromoform	7.293	173	18904	14.1168	ug/l	99
73)	Ethylbenzene	6.885	106	28333	15.9491	ug/l	89
74)	1,1,2,2-Tetrachloroethane	7.507	83	33103	14.3428	ug/l	94
76)	Styrene	7.165	104	64471	15.3869	ug/l	100
77)	m&p-Xylenes	6.946	106	76864	31.7754	ug/l	92
78)	o-Xylene	7.165	106	37055	15.3223	ug/l	92
79)	trans-1,4-Dichloro-2-b...	7.531	53	7174	11.3088	ug/l	71
80)	1,3-Dichlorobenzene	8.086	146	47317	17.1483	ug/l	89
81)	1,4-Dichlorobenzene	8.134	146	46112	16.1051	ug/l	96
82)	1,2-Dichlorobenzene	8.360	146	44486	16.3219	ug/l	94
83)	Isopropylbenzene	7.360	105	89168	16.2747	ug/l	98
84)	Cyclohexanone	7.433	55	27173	52.6665	ug/l	90
85)	1,2,3-Trichloropropane	7.543	75	38760	13.1143	ug/l	91
86)	2-Chlorotoluene	7.659	91	50950	14.9704	ug/l	97
87)	4-Chlorotoluene	7.714	91	51323	14.9015	ug/l	95
88)	n-Propylbenzene	7.586	91	96602	15.1025	ug/l	98
89)	Bromobenzene	7.561	77	50118	13.6690	ug/l	69
90)	1,3,5-Trimethylbenzene	7.677	105	71270	15.9099	ug/l	99
91)	Butyl methacrylate	7.677	41	21249	11.7278	ug/l	78
92)	t-Butylbenzene	7.872	119	69109	16.4522	ug/l	93
93)	1,2,4-Trimethylbenzene	7.897	105	72304	15.5891	ug/l	95
94)	sec-Butylbenzene	7.994	105	79053	15.9121	ug/l	98
95)	4-Isopropyltoluene	8.067	119	69010	16.1597	ug/l	97
96)	n-Butylbenzene	8.305	91	52429	14.8048	ug/l	92
97)	1,2,4,5-Tetramethylben...	8.750	119	56591	15.1186	ug/l	99
98)	1,2-Dibromo-3-Chloropr...	8.805	157	8558	13.8430	ug/l	68
99)	Hexachlorobutadiene	9.396	225	10031	20.5422	ug/l	96
100)	1,2,4-Trichlorobenzene	9.311	180	22832	18.5147	ug/l	97
101)	1,2,3-Trichlorobenzene	9.616	180	19686	17.9804	ug/l	95
102)	Naphthalene	9.470	128	66441	15.3619	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211475.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 1M211475.D
Acq On : 11/25/25 01:22
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211475.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211475.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211471.D Sam Mult : 1 Vial# : 3 Qt On : 11/25/25 01:40
Acq On : 11/25/25 00:03 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	78028	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.824	117	76536	30.00	ug/l	-0.01
69) 1,4-Dichlorobenzene-d4	8.122	152	47146	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	22720	26.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 87.63%			
38) 1,2-Dichloroethane-d4	4.995	67	11663	25.48	ug/l	-0.01
Spiked Amount 30.000			Recovery = 84.93%			
65) Toluene-d8	6.050	98	82618	33.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.37%			
75) Bromofluorobenzene	7.458	174	37893	32.58	ug/l	-0.01
Spiked Amount 30.000			Recovery = 108.60%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	5742	2.7466	ug/l	71
6) Dichlorodifluoromethane	1.703	85	6718	2.5968	ug/l	95
7) Chloromethane	1.892	50	5567	3.1124	ug/l	89
8) Bromomethane	2.307	94	4831	5.9692	ug/l	99
9) Vinyl Chloride	1.989	62	6362	3.2496	ug/l	97
10) Chloroethane	2.404	64	4016	3.4451	ug/l	94
11) Trichlorofluoromethane	2.636	101	12148	4.2110	ug/l	95
12) Ethyl ether	2.886	59	5025	3.2789	ug/l	96
13) Furan	2.922	39	6859	3.0329	ug/l	92
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	5242	3.4827	ug/l	95
15) Methylene Chloride	3.514	84	5795	3.1560	ug/l	96
16) Acrolein	2.995	56	4678	11.1391	ug/l	97
17) Acrylonitrile	3.721	53	2956	3.1720	ug/l	88
18) Acetone	3.130	43	11194	13.8343	ug/l	87
19) Carbon Disulfide	3.318	76	12363	2.4811	ug/l	100
20) t-Butyl Alcohol	3.587	59	4041	12.0400	ug/l	71
21) n-Hexane	3.989	57	4825	3.1673	ug/l	95
22) Di-isopropyl-ether	4.141	45	13077	2.8284	ug/l	92
23) 1,1-Dichloroethene	3.099	61	7498	3.1130	ug/l	96
24) Methyl Acetate	3.416	43	4904	2.7113	ug/l	100
25) Methyl-t-butyl ether	3.764	73	16356	3.1619	ug/l	96
26) 1,1-Dichloroethane	4.105	63	8362	2.8034	ug/l	96
27) trans-1,2-Dichloroethene	3.770	96	5706m	3.1149	ug/l	
28) Ethyl-t-butyl ether	4.398	59	15207	2.9598	ug/l	99
29) cis-1,2-Dichloroethene	4.507	61	8572	2.9603	ug/l	87
30) Bromochloromethane	4.654	49	4304	3.1123	ug/l	92
31) 2,2-Dichloropropane	4.513	77	7412	2.7089	ug/l	97
32) Ethyl acetate	4.532	43	6789	2.9425	ug/l	97
33) 1,4-Dioxane	5.586	88	6522	158.9232	ug/l	85
34) 1,1-Dichloropropene	4.922	75	7510	3.2365	ug/l	87
35) Chloroform	4.696	83	10096	3.1394	ug/l	98
37) Cyclohexane	4.867	56	6229	2.9188	ug/l	99
39) 1,2-Dichloroethane	5.038	62	7894	3.2754	ug/l	85
40) 2-Butanone	4.507	43	3515	2.7496	ug/l	50
41) 1,1,1-Trichloroethane	4.824	97	8090	2.7633	ug/l	87
42) Carbon Tetrachloride	4.928	117	6882	2.7961	ug/l	98
43) Vinyl Acetate	4.123	43	17007	2.6346	ug/l	100
44) Bromodichloromethane	5.653	83	7130	2.8576	ug/l	88
45) Methylcyclohexane	5.513	83	6349	3.2804	ug/l	91
46) Dibromomethane	5.586	174	5008	3.7656	ug/l	95
47) 1,2-Dichloropropane	5.519	63	5122	2.9091	ug/l	96
48) Trichloroethene	5.397	130	6824	3.4848	ug/l	94
49) Benzene	5.044	78	21378	3.2866	ug/l	100
50) tert-Amyl methyl ether	5.086	73	15002	2.8975	ug/l	98
52) Iso-propylacetate	5.038	43	10520	3.3597	ug/l	93
53) Methyl methacrylate	5.544	41	4468	3.4028	ug/l	94
54) Dibromochloromethane	6.507	129	6333	3.9918	ug/l	92
55) 2-Chloroethylvinylether	5.794	63	1825	3.9696	ug/l	93
56) cis-1,3-Dichloropropene	5.891	75	7247	3.3330	ug/l	92
57) trans-1,3-Dichloropropene	6.178	75	6879	3.2277	ug/l	98
58) Ethyl methacrylate	6.196	41	4271	3.1856	ug/l	93
59) 1,1,2-Trichloroethane	6.281	97	5590	4.1150	ug/l	93
60) 1,2-Dibromoethane	6.586	107	6532	4.3237	ug/l	96
61) 1,3-Dichloropropane	6.379	76	9425	4.2513	ug/l	89
62) 4-Methyl-2-Pentanone	5.952	43	6666	3.6165	ug/l	75
63) 2-Hexanone	6.391	43	4375	3.1538	ug/l	96
64) Tetrachloroethene	6.385	164	5371	5.3802	ug/l	86
66) Toluene	6.086	92	13205	4.2052	ug/l	75
67) 1,1,1,2-Tetrachloroethane	6.879	133	5200	4.0048	ug/l	89

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 1M211471.D
Acq On : 11/25/25 00:03

Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 3
Misc : A,5ML

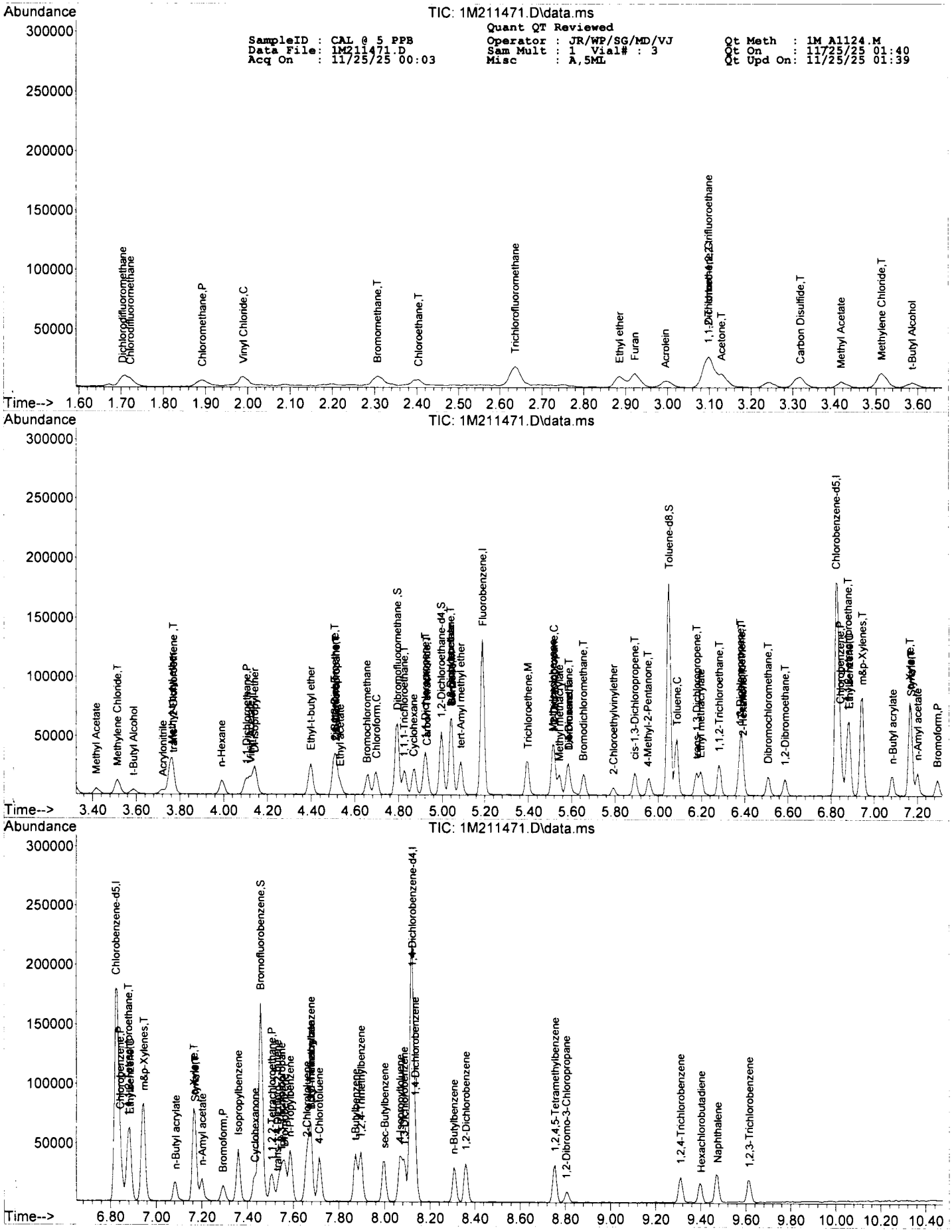
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	15881	4.5533	ug/l	92
70)	n-Butyl acrylate	7.086	55	7550	2.7399	ug/l	98
71)	n-Amyl acetate	7.202	43	6841	2.7642	ug/l	98
72)	Bromoform	7.293	173	4653	4.0908	ug/l	89
73)	Ethylbenzene	6.885	106	7011	4.6463	ug/l	84
74)	1,1,2,2-Tetrachloroethane	7.507	83	8492	4.3318	ug/l	93
76)	Styrene	7.171	104	15355	4.3144	ug/l	99
77)	m&p-Xylenes	6.946	106	18843	9.1708	ug/l	93
78)	o-Xylene	7.165	106	8916	4.3405	ug/l	86
79)	trans-1,4-Dichloro-2-b...	7.531	53	1800	3.3405	ug/l	88
80)	1,3-Dichlorobenzene	8.086	146	10815	4.6144	ug/l	94
81)	1,4-Dichlorobenzene	8.135	146	11829	4.8639	ug/l	96
82)	1,2-Dichlorobenzene	8.360	146	11021	4.7605	ug/l	92
83)	Isopropylbenzene	7.360	105	21279	4.5724	ug/l	96
84)	Cyclohexanone	7.434	55	6900	15.7446	ug/l	94
85)	1,2,3-Trichloropropane	7.549	75	9962	3.9682	ug/l	88
86)	2-Chlorotoluene	7.659	91	14234	4.9238	ug/l	91
87)	4-Chlorotoluene	7.714	91	13123	4.4858	ug/l	99
88)	n-Propylbenzene	7.586	91	24149	4.4448	ug/l	99
89)	Bromobenzene	7.562	77	12621	4.0525	ug/l	70
90)	1,3,5-Trimethylbenzene	7.677	105	16992	4.4657	ug/l	97
91)	Butyl methacrylate	7.677	41	4604	2.9916	ug/l	88
92)	t-Butylbenzene	7.872	119	16703	4.6814	ug/l	91
93)	1,2,4-Trimethylbenzene	7.897	105	17691	4.4905	ug/l	99
94)	sec-Butylbenzene	8.001	105	18591	4.4055	ug/l	100
95)	4-Isopropyltoluene	8.068	119	16871	4.6510	ug/l	96
96)	n-Butylbenzene	8.305	91	12673	4.2130	ug/l	97
97)	1,2,4,5-Tetramethylben...	8.756	119	13018	4.0945	ug/l	96
98)	1,2-Dibromo-3-Chloropr...	8.805	157	2231	4.2486	ug/l	66
99)	Hexachlorobutadiene	9.403	225	2439	5.8803	ug/l	93
100)	1,2,4-Trichlorobenzene	9.311	180	5258	5.0197	ug/l	94
101)	1,2,3-Trichlorobenzene	9.616	180	4791	5.1517	ug/l	94
102)	Naphthalene	9.476	128	15155	4.1253	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211471.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 1M211471.D
Acq On : 11/25/25 00:03
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 3
Misc : A,5ML
Qt Meth : 1M A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->

Abundance
TIC: 1M211471.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->

Abundance
TIC: 1M211471.D\data.ms
Chlorobenzene-d5,I
m&p-Xylenes,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211473.D Sam Mult : 1 Vial# : 5 Qt On : 11/25/25 01:40
Acq On : 11/25/25 00:43 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	95286	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.830	117	93904	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	58710	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	29036	27.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.73%			
38) 1,2-Dichloroethane-d4	4.995	67	14503	25.95	ug/l	-0.01
Spiked Amount 30.000			Recovery = 86.50%			
65) Toluene-d8	6.050	98	103266	34.03	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.43%			
75) Bromofluorobenzene	7.458	174	46988	32.45	ug/l	-0.01
Spiked Amount 30.000			Recovery = 108.17%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	11706	4.5852	ug/l	74
6) Dichlorodifluoromethane	1.703	85	13363	4.2299	ug/l	92
7) Chloromethane	1.892	50	11669	5.3423	ug/l	98
8) Bromomethane	2.306	94	10167	10.2872	ug/l	96
9) Vinyl Chloride	1.989	62	14057	5.8796	ug/l	99
10) Chloroethane	2.404	64	9161	6.4354	ug/l	94
11) Trichlorofluoromethane	2.636	101	24326	6.9051	ug/l	88
12) Ethyl ether	2.886	59	9720	5.1937	ug/l	95
13) Furan	2.922	39	14823	5.3673	ug/l	90
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	11133	6.0570	ug/l	95
15) Methylene Chloride	3.513	84	11206	4.9975	ug/l	95
16) Acrolein	3.001	56	11397	22.2230	ug/l	94
17) Acrylonitrile	3.715	53	5969	5.2450	ug/l	95
18) Acetone	3.129	43	23208	23.4872	ug/l	79
19) Carbon Disulfide	3.318	76	25684	4.2209	ug/l	100
20) t-Butyl Alcohol	3.580	59	8575	20.9214	ug/l	89
21) n-Hexane	3.989	57	9221	4.9567	ug/l	97
22) Di-isopropyl-ether	4.141	45	28149	4.9855	ug/l	98
23) 1,1-Dichloroethene	3.105	61	14722	5.0052	ug/l	80
24) Methyl Acetate	3.416	43	10360	4.6904	ug/l	100
25) Methyl-t-butyl ether	3.757	73	33049	5.2318	ug/l	96
26) 1,1-Dichloroethane	4.105	63	18691	5.1313	ug/l	100
27) trans-1,2-Dichloroethene	3.763	96	12332	5.5128	ug/l	86
28) Ethyl-t-butyl ether	4.397	59	31089	4.9550	ug/l	96
29) cis-1,2-Dichloroethene	4.507	61	18075	5.1115	ug/l	84
30) Bromochloromethane	4.660	49	8892	5.2654	ug/l	74
31) 2,2-Dichloropropane	4.513	77	15579	4.6626	ug/l	98
32) Ethyl acetate	4.532	43	14840	5.2670	ug/l	99
33) 1,4-Dioxane	5.580	88	13611	271.5927	ug/l	97
34) 1,1-Dichloropropene	4.916	75	15583	5.4994	ug/l	92
35) Chloroform	4.696	83	21126	5.3794	ug/l	100
37) Cyclohexane	4.867	56	13507	5.1829	ug/l	97
39) 1,2-Dichloroethane	5.038	62	16557	5.6257	ug/l	97
40) 2-Butanone	4.501	43	6785m	4.3463	ug/l	
41) 1,1,1-Trichloroethane	4.830	97	18411	5.1496	ug/l	99
42) Carbon Tetrachloride	4.928	117	15703	5.2245	ug/l	98
43) Vinyl Acetate	4.123	43	36560	4.6378	ug/l	100
44) Bromodichloromethane	5.653	83	16016	5.2563	ug/l	96
45) Methylcyclohexane	5.513	83	12915	5.4643	ug/l	97
46) Dibromomethane	5.586	174	11163	6.8735	ug/l	96
47) 1,2-Dichloropropane	5.519	63	10622	4.9403	ug/l	94
48) Trichloroethene	5.397	130	14460	6.0469	ug/l	93
49) Benzene	5.044	78	44587	5.6132	ug/l	100
50) tert-Amyl methyl ether	5.086	73	31419	4.9691	ug/l	98
52) Iso-propylacetate	5.038	43	22875	5.9543	ug/l	95
53) Methyl methacrylate	5.544	41	10075	6.2539	ug/l	93
54) Dibromochloromethane	6.507	129	13340	6.8532	ug/l	96
55) 2-Chloroethylvinylether	5.793	63	4000	7.0913	ug/l	81
56) cis-1,3-Dichloropropene	5.891	75	16812	6.3019	ug/l	97
57) trans-1,3-Dichloropropene	6.178	75	15506	5.9298	ug/l	95
58) Ethyl methacrylate	6.196	41	9828	5.9747	ug/l	94
59) 1,1,2-Trichloroethane	6.281	97	11798	7.0786	ug/l	95
60) 1,2-Dibromoethane	6.586	107	13583	7.3280	ug/l	94
61) 1,3-Dichloropropane	6.379	76	19935	7.3289	ug/l	96
62) 4-Methyl-2-Pentanone	5.958	43	13846	6.1225	ug/l	93
63) 2-Hexanone	6.391	43	10437	6.1321	ug/l	93
64) Tetrachloroethene	6.385	164	11045	9.0176	ug/l	96
66) Toluene	6.086	92	28908	7.5033	ug/l	96
67) 1,1,1,2-Tetrachloroethane	6.879	133	11356	7.1284	ug/l	87

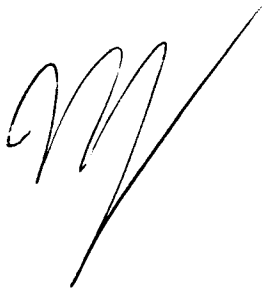
Quantitation Report (QT Reviewed)

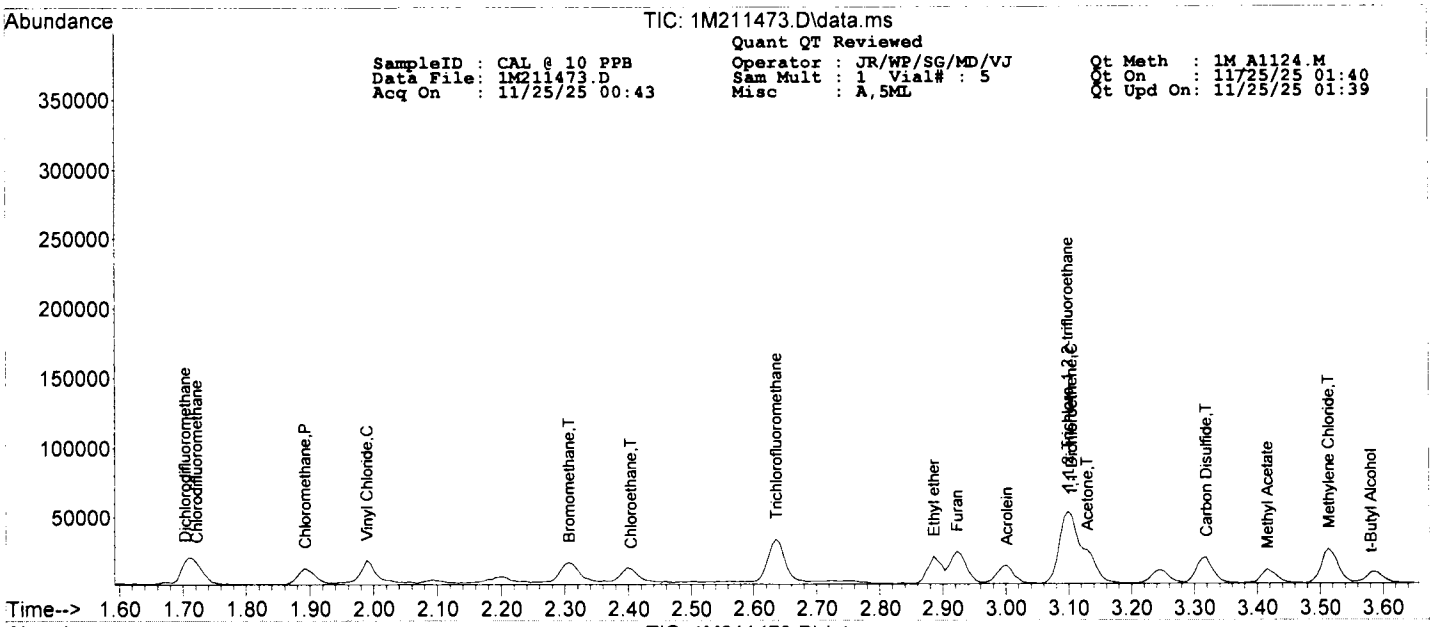
SampleID : CAL @ 10 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211473.D Sam Mult : 1 Vial# : 5 Qt On : 11/25/25 01:40
Acq On : 11/25/25 00:43 Misc : A,5ML Qt Upd On: 11/25/25 01:39

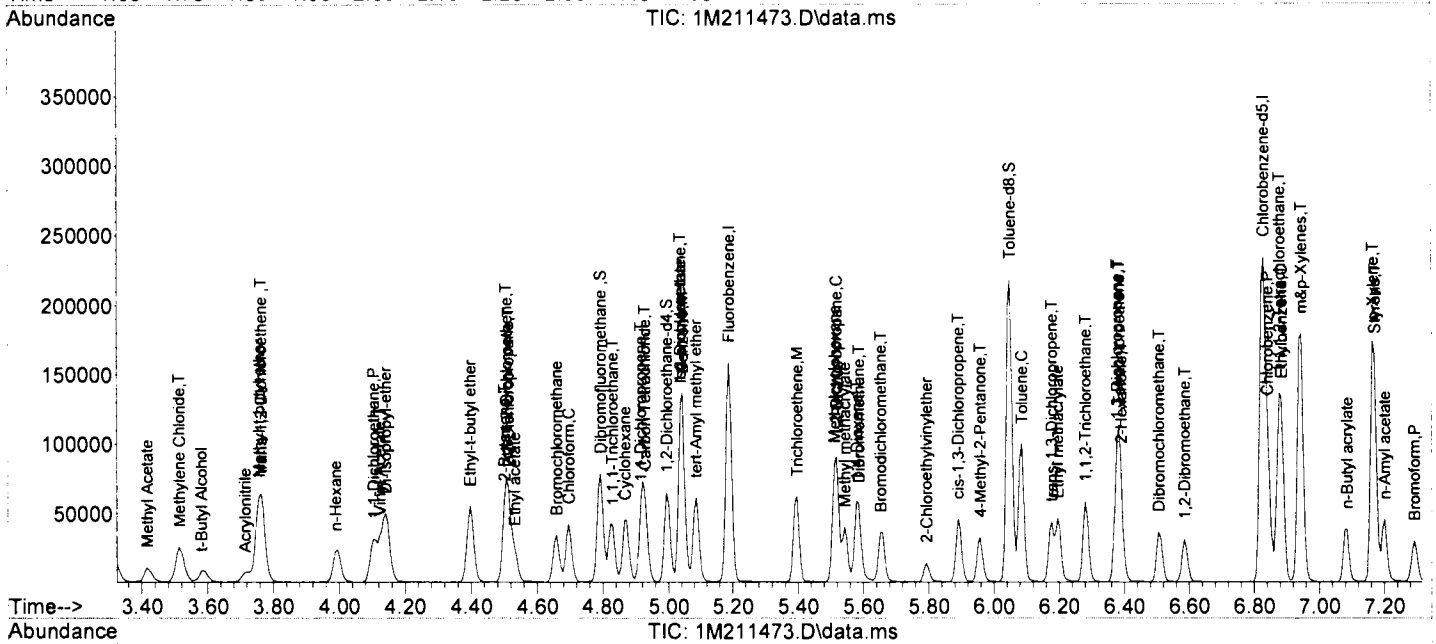
Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

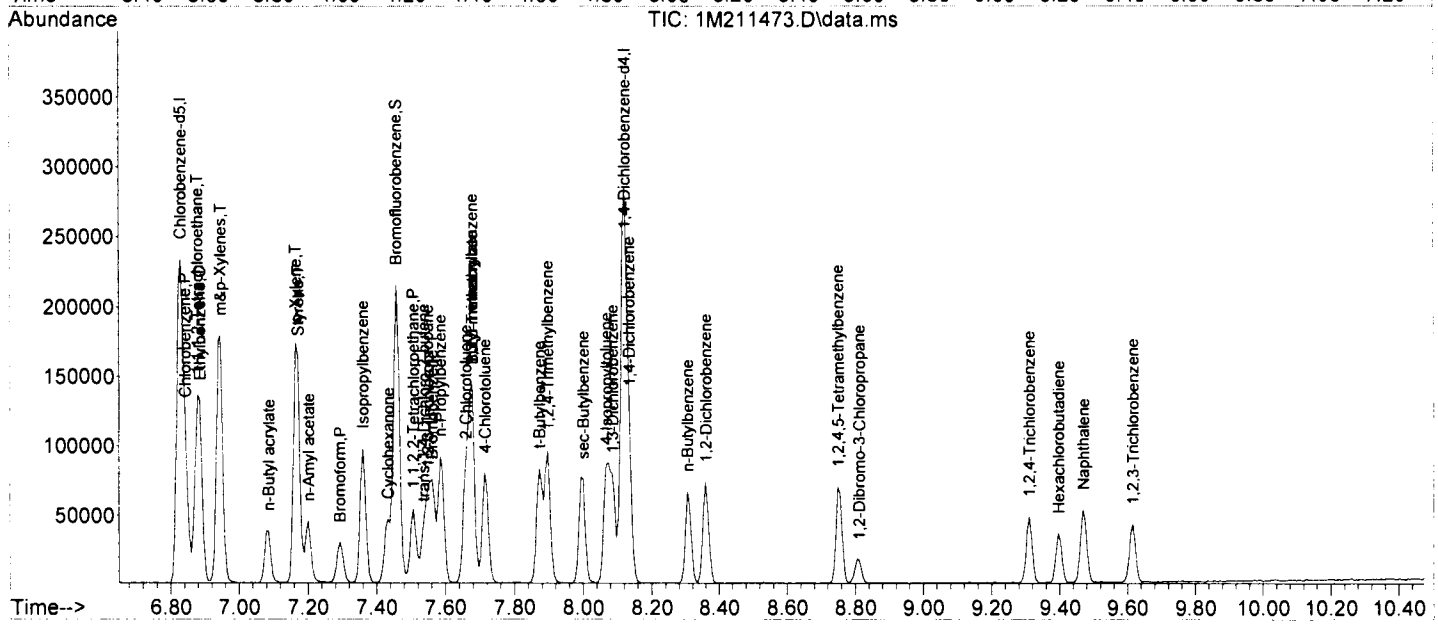
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	34126	7.9747	ug/l	92
70)	n-Butyl acrylate	7.086	55	17982	5.2403	ug/l	95
71)	n-Amyl acetate	7.202	43	16395	5.3199	ug/l	93
72)	Bromoform	7.293	173	10135	7.1553	ug/l	99
73)	Ethylbenzene	6.885	106	13963	7.4309	ug/l	100
74)	1,1,2,2-Tetrachloroethane	7.507	83	17948	7.3520	ug/l	94
76)	Styrene	7.171	104	33593	7.5797	ug/l	98
77)	m&p-Xylenes	6.946	106	40834	15.9592	ug/l	98
78)	o-Xylene	7.165	106	20380	7.9671	ug/l	83
79)	trans-1,4-Dichloro-2-b...	7.537	53	3707	5.5246	ug/l	77
80)	1,3-Dichlorobenzene	8.086	146	24668	8.4520	ug/l	93
81)	1,4-Dichlorobenzene	8.134	146	24956	8.2403	ug/l	95
82)	1,2-Dichlorobenzene	8.360	146	24257	8.4140	ug/l	91
83)	Isopropylbenzene	7.360	105	46922	8.0966	ug/l	97
84)	Cyclohexanone	7.433	55	14640	26.8261	ug/l	91
85)	1,2,3-Trichloropropane	7.549	75	20111	6.4330	ug/l	91
86)	2-Chlorotoluene	7.659	91	27322	7.5897	ug/l	99
87)	4-Chlorotoluene	7.714	91	28495	7.8218	ug/l	97
88)	n-Propylbenzene	7.586	91	51089	7.5511	ug/l	96
89)	Bromobenzene	7.561	77	25904	6.6793	ug/l	70
90)	1,3,5-Trimethylbenzene	7.677	105	37621	7.9398	ug/l	97
91)	Butyl methacrylate	7.677	41	9802	5.1146	ug/l	87
92)	t-Butylbenzene	7.872	119	36507	8.2165	ug/l	91
93)	1,2,4-Trimethylbenzene	7.897	105	38104	7.7669	ug/l	92
94)	sec-Butylbenzene	8.000	105	41257	7.8510	ug/l	99
95)	4-Isopropyltoluene	8.067	119	36021	7.9744	ug/l	97
96)	n-Butylbenzene	8.305	91	26679	7.1223	ug/l	92
97)	1,2,4,5-Tetramethylben...	8.750	119	29493	7.4491	ug/l	98
98)	1,2-Dibromo-3-Chloropr...	8.811	157	4090	6.2546	ug/l	78
99)	Hexachlorobutadiene	9.396	225	5140	9.9514	ug/l	93
100)	1,2,4-Trichlorobenzene	9.311	180	11143	8.5427	ug/l	93
101)	1,2,3-Trichlorobenzene	9.616	180	10568	9.1254	ug/l	94
102)	Naphthalene	9.470	128	33494	7.3214	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211473.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 1M211473.D
Acq On : 11/25/25 00:43
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 5
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39
Dichlorodifluoromethane
Chlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211473.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,I
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Methyl methacrylate
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,T
Ethylbenzene,T
m&p-Xylenes,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211473.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,T
Ethylbenzene,T
m&p-Xylenes,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211477.D Sam Mult : 1 Vial# : 9 Qt On : 11/25/25 05:33
Acq On : 11/25/25 02:01 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	104719	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.824	117	99899	30.00	ug/l	-0.01
69) 1,4-Dichlorobenzene-d4	8.123	152	63158	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	32680	28.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.93%			
38) 1,2-Dichloroethane-d4	4.995	67	16524	26.90	ug/l	-0.01
Spiked Amount 30.000			Recovery = 89.67%			
65) Toluene-d8	6.050	98	109146	33.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.70%			
75) Bromofluorobenzene	7.458	174	51628	33.14	ug/l	-0.01
Spiked Amount 30.000			Recovery = 110.47%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	65740	23.4308	ug/l	74
6) Dichlorodifluoromethane	1.709	85	74686	21.5112	ug/l	91
7) Chloromethane	1.898	50	61079	25.4442	ug/l	92
8) Bromomethane	2.313	94	51159	47.1009	ug/l	96
9) Vinyl Chloride	1.990	62	72693	27.6664	ug/l	99
10) Chloroethane	2.398	64	44177	28.2378	ug/l	100
11) Trichlorofluoromethane	2.636	101	126556	32.6876	ug/l	98
12) Ethyl ether	2.886	59	53897	26.2047	ug/l	99
13) Furan	2.922	39	78682	25.9239	ug/l	94
14) 1,1,2-Trichloro-1,2,2-...	3.093	101	59345	29.3787	ug/l	98
15) Methylene Chloride	3.520	84	62616	25.4094	ug/l	97
16) Acrolein	2.996	56	61878	109.7875	ug/l	100
17) Acrylonitrile	3.721	53	31282	25.0118	ug/l	91
18) Acetone	3.130	43	127309	117.2346	ug/l	81
19) Carbon Disulfide	3.319	76	152994	22.8782	ug/l	100
20) t-Butyl Alcohol	3.587	59	47464	105.3721	ug/l	83
21) n-Hexane	3.995	57	52381	25.6207	ug/l	98
22) Di-isopropyl-ether	4.142	45	163262	26.3110	ug/l	100
23) 1,1-Dichloroethene	3.099	61	84881	26.2583	ug/l	91
24) Methyl Acetate	3.416	43	57806	23.8139	ug/l	100
25) Methyl-t-butyl ether	3.764	73	186026	26.7960	ug/l	97
26) 1,1-Dichloroethane	4.105	63	103919	25.9591	ug/l	99
27) trans-1,2-Dichloroethene	3.764	96	65055	26.4620	ug/l	93
28) Ethyl-t-butyl ether	4.398	59	181974	26.3905	ug/l	97
29) cis-1,2-Dichloroethene	4.507	61	104499	26.8896	ug/l	90
30) Bromochloromethane	4.660	49	49142	26.4780	ug/l	79
31) 2,2-Dichloropropane	4.513	77	91337	24.8735	ug/l	94
32) Ethyl acetate	4.532	43	80749	26.0776	ug/l	97
33) 1,4-Dioxane	5.580	88	71305	1294.6477	ug/l	89
34) 1,1-Dichloropropene	4.922	75	85125	27.3353	ug/l	93
35) Chloroform	4.696	83	122774	28.4463	ug/l	98
37) Cyclohexane	4.873	56	74990	26.1830	ug/l	99
39) 1,2-Dichloroethane	5.038	62	94160	29.1115	ug/l	97
40) 2-Butanone	4.501	43	39441m	22.9890	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	109683	27.9149	ug/l	97
42) Carbon Tetrachloride	4.928	117	93131	28.1943	ug/l	100
43) Vinyl Acetate	4.129	43	207519	23.9533	ug/l	100
44) Bromodichloromethane	5.654	83	87941	26.2618	ug/l	99
45) Methylcyclohexane	5.513	83	71883	27.6737	ug/l	97
46) Dibromomethane	5.586	174	58944	33.0248	ug/l	92
47) 1,2-Dichloropropane	5.519	63	56900	24.0802	ug/l	100
48) Trichloroethene	5.397	130	76071	28.9460	ug/l	95
49) Benzene	5.044	78	250620	28.7092	ug/l	100
50) tert-Amyl methyl ether	5.087	73	180726	26.0084	ug/l	99
52) Iso-propylacetate	5.038	43	138817	33.9654	ug/l	96
53) Methyl methacrylate	5.544	41	51056	29.7905	ug/l	80
54) Dibromochloromethane	6.507	129	80093	38.6771	ug/l	97
55) 2-Chloroethylvinylether	5.794	63	20986	34.9717	ug/l	93
56) cis-1,3-Dichloropropene	5.891	75	96465	33.9897	ug/l	98
57) trans-1,3-Dichloropropene	6.178	75	89961	32.3385	ug/l	100
58) Ethyl methacrylate	6.196	41	55313	31.6082	ug/l	96
59) 1,1,2-Trichloroethane	6.281	97	64915	36.6105	ug/l	94
60) 1,2-Dibromoethane	6.586	107	74166	37.6112	ug/l	98
61) 1,3-Dichloropropane	6.379	76	103426	35.7415	ug/l	99
62) 4-Methyl-2-Pentanone	5.958	43	73791	30.6714	ug/l	98
63) 2-Hexanone	6.391	43	55827	30.8319	ug/l	98
64) Tetrachloroethene	6.385	164	59071	45.3340	ug/l	96
66) Toluene	6.086	92	154003	37.5737	ug/l	90
67) 1,1,1,2-Tetrachloroethane	6.879	133	63370	37.3914	ug/l	93

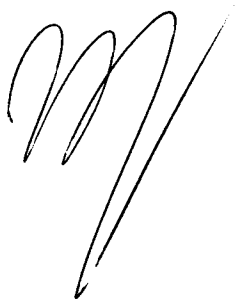
Quantitation Report (QT Reviewed)

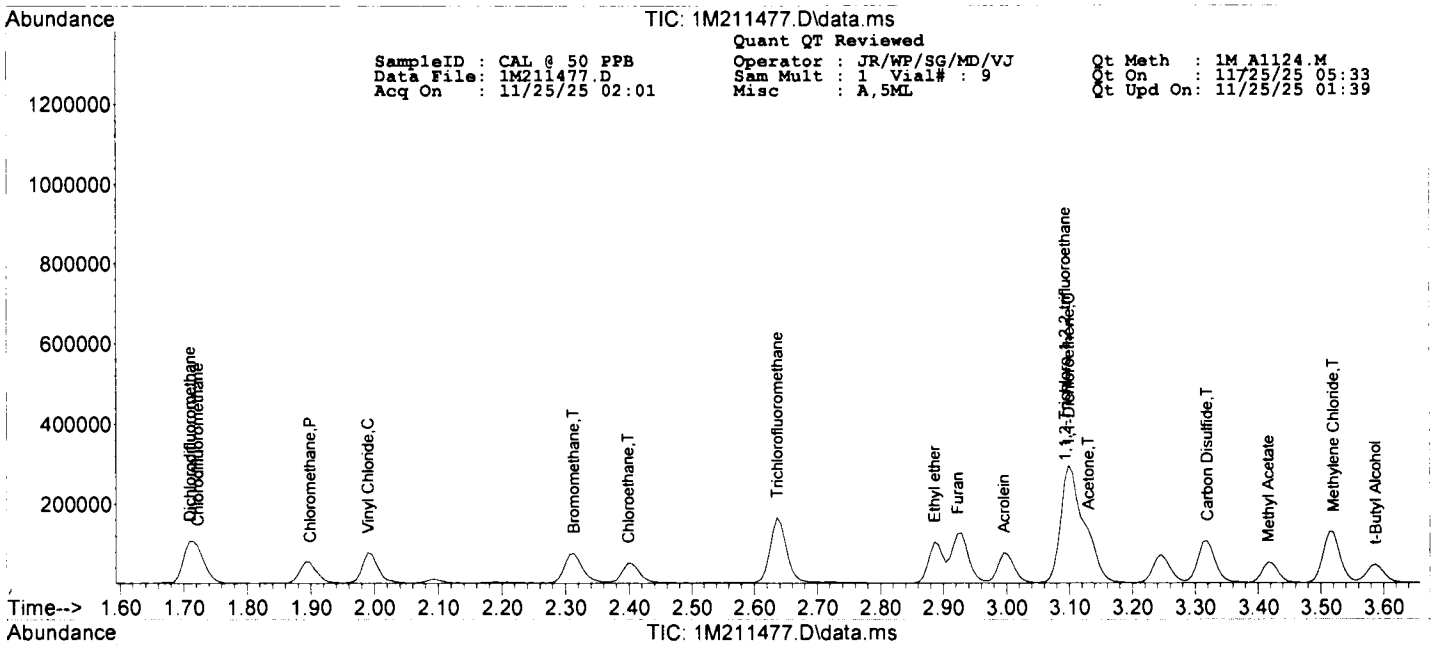
SampleID : CAL @ 50 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211477.D Sam Mult : 1 Vial# : 9 Qt On : 11/25/25 05:33
Acq On : 11/25/25 02:01 Misc : A,5ML Qt Upd On: 11/25/25 01:39

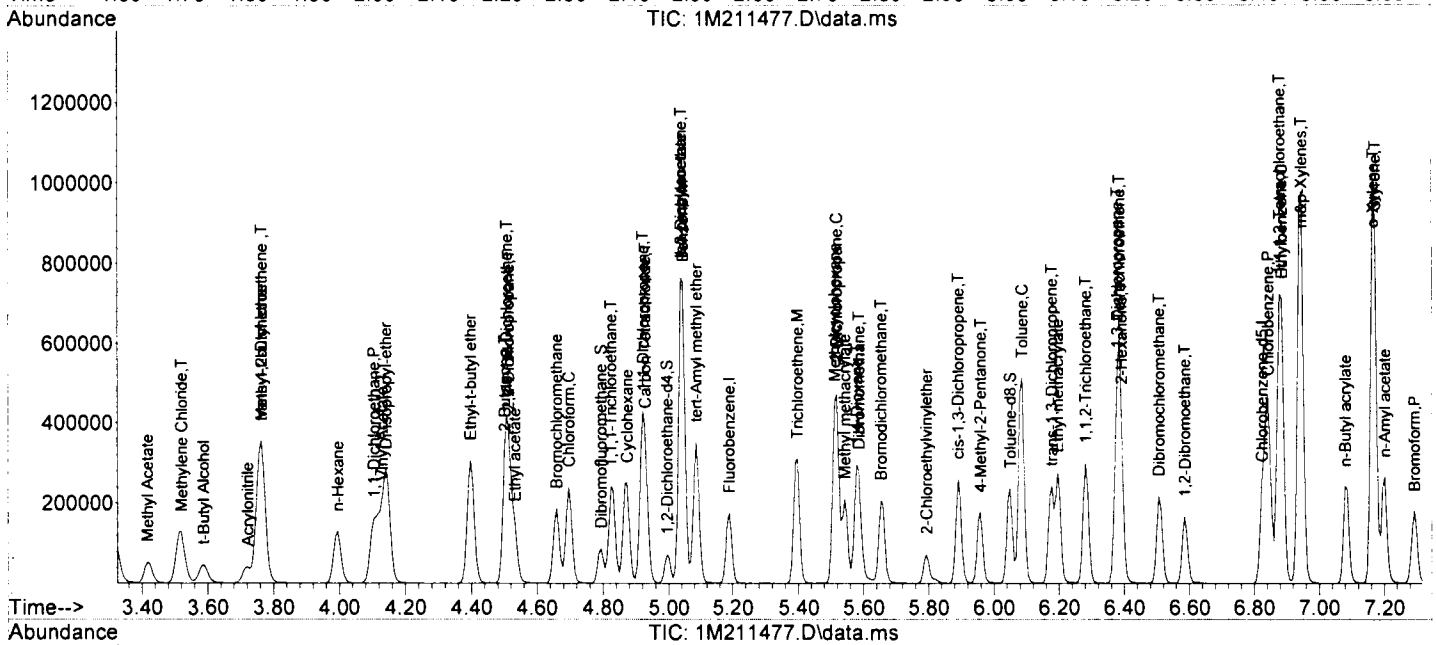
Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

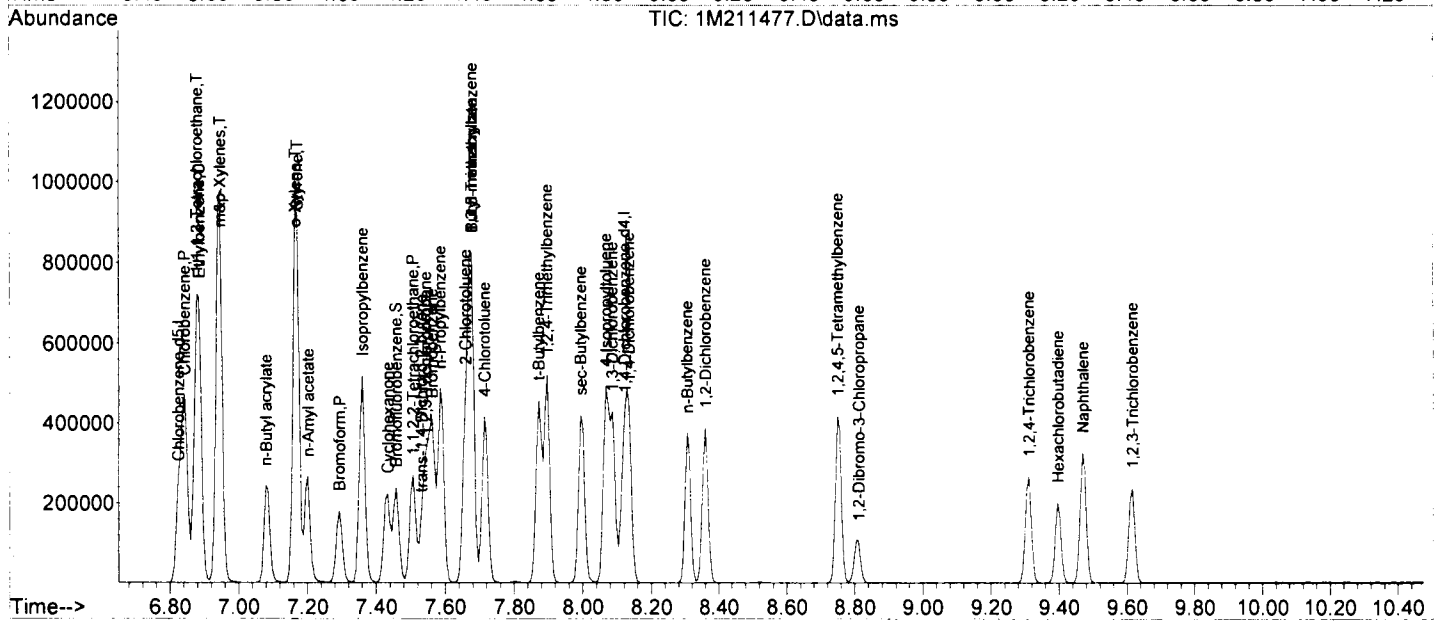
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	180287	39.6018	ug/l	94
70)	n-Butyl acrylate	7.080	55	112484	30.4713	ug/l	95
71)	n-Amyl acetate	7.202	43	96766	29.1874	ug/l	96
72)	Bromoform	7.293	173	60574	39.7533	ug/l	98
73)	Ethylbenzene	6.885	106	80936	40.0396	ug/l	89
74)	1,1,2,2-Tetrachloroethane	7.507	83	93605	35.6426	ug/l	99
76)	Styrene	7.172	104	189601	39.7677	ug/l	95
77)	m&p-Xylenes	6.946	106	220999	80.2902	ug/l	96
78)	o-Xylene	7.165	106	108827	39.5475	ug/l	93
79)	trans-1,4-Dichloro-2-b...	7.531	53	22159	30.6980	ug/l	66
80)	1,3-Dichlorobenzene	8.086	146	134329	42.7837	ug/l	91
81)	1,4-Dichlorobenzene	8.135	146	135756	41.6690	ug/l	94
82)	1,2-Dichlorobenzene	8.360	146	127534	41.1222	ug/l	93
83)	Isopropylbenzene	7.361	105	254388	40.8042	ug/l	98
84)	Cyclohexanone	7.434	55	68592	116.8352	ug/l	89
85)	1,2,3-Trichloropropane	7.543	75	112557	33.4687	ug/l	94
86)	2-Chlorotoluene	7.659	91	143728	37.1137	ug/l	98
87)	4-Chlorotoluene	7.714	91	146813	37.4615	ug/l	96
88)	n-Propylbenzene	7.586	91	278787	38.3035	ug/l	97
89)	Bromobenzene	7.562	77	144622	34.6642	ug/l	69
90)	1,3,5-Trimethylbenzene	7.678	105	204111	40.0435	ug/l	98
91)	Butyl methacrylate	7.678	41	64718	31.3911	ug/l	85
92)	t-Butylbenzene	7.873	119	198575	41.5450	ug/l	92
93)	1,2,4-Trimethylbenzene	7.897	105	212096	40.1878	ug/l	97
94)	sec-Butylbenzene	7.995	105	228646	40.4460	ug/l	98
95)	4-Isopropyltoluene	8.068	119	202897	41.7541	ug/l	97
96)	n-Butylbenzene	8.305	91	154594	38.3642	ug/l	91
97)	1,2,4,5-Tetramethylben...	8.750	119	175252	41.1464	ug/l	98
98)	1,2-Dibromo-3-Chloropr...	8.811	157	25284	35.9425	ug/l	70
99)	Hexachlorobutadiene	9.397	225	29192	52.5375	ug/l	99
100)	1,2,4-Trichlorobenzene	9.311	180	66675	47.5159	ug/l	96
101)	1,2,3-Trichlorobenzene	9.616	180	60187	48.3111	ug/l	96
102)	Naphthalene	9.470	128	202016	41.0485	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211477.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M211477.D
Acq On : 11/25/25 02:01
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 05:33
Qt Upd On: 11/25/25 01:39
Chlorodifluoromethane
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
1,1,2-Trichlorotrifluoroethane
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211477.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211477.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromobenzene,S
1,1,2,2-Tetrachloroethane,P
trans-1,4-Dichloro-2-butene
n-Propylbenzene
2-Chlorotoluene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3,5-Trimethylbenzene
p-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211480.D Sam Mult : 1 Vial# : 12 Qt On : 11/25/25 05:35
Acq On : 11/25/25 03:00 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	92881	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.824	117	92749	30.00	ug/l	-0.01
69) 1,4-Dichlorobenzene-d4	8.116	152	60541	30.00	ug/l	-0.01
System Monitoring Compounds						
36) Dibromofluoromethane	4.788	111	28840	28.04	ug/l	-0.01
Spiked Amount 30.000			Recovery = 93.47%			
38) 1,2-Dichloroethane-d4	4.995	67	14341	26.32	ug/l	-0.01
Spiked Amount 30.000			Recovery = 87.73%			
65) Toluene-d8	6.050	98	101258	33.79	ug/l	0.00
Spiked Amount 30.000			Recovery = 112.63%			
75) Bromofluorobenzene	7.458	174	48015	32.15	ug/l	-0.01
Spiked Amount 30.000			Recovery = 107.17%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.715	51	114775	46.1215	ug/l	66
6) Dichlorodifluoromethane	1.703	85	139529	45.3094	ug/l	95
7) Chloromethane	1.886	50	109983	51.6560	ug/l	95
8) Bromomethane	2.300	94	93437	96.9896	ug/l	86
9) Vinyl Chloride	1.989	62	135066	57.9568	ug/l	98
10) Chloroethane	2.392	64	80407	57.9464	ug/l	98
11) Trichlorofluoromethane	2.636	101	246466	71.7722	ug/l	95
12) Ethyl ether	2.886	59	94913	52.0283	ug/l	99
13) Furan	2.922	39	132963	49.3917	ug/l	99
14) 1,1,2-Trichloro-1,2,2-...	3.093	101	105252	58.7458	ug/l	96
15) Methylene Chloride	3.514	84	112691	51.5581	ug/l	98
16) Acrolein	2.995	56	112868	225.7803	ug/l	93
17) Acrylonitrile	3.715	53	56972	51.3583	ug/l	88
18) Acetone	3.123	43	229777	238.5623	ug/l	84
19) Carbon Disulfide	3.312	76	271527	45.7783	ug/l	100
20) t-Butyl Alcohol	3.587	59	87588	219.2322	ug/l	88
21) n-Hexane	3.989	57	93286	51.4437	ug/l	95
22) Di-isopropyl-ether	4.141	45	280609	50.9862	ug/l	99
23) 1,1-Dichloroethene	3.099	61	143689	50.1162	ug/l	81
24) Methyl Acetate	3.416	43	100665	46.7558	ug/l	100
25) Methyl-t-butyl ether	3.757	73	333178	54.1093	ug/l	98
26) 1,1-Dichloroethane	4.099	63	181581	51.1404	ug/l	100
27) trans-1,2-Dichloroethene	3.763	96	120027	55.0452	ug/l	92
28) Ethyl-t-butyl ether	4.397	59	314273	51.3858	ug/l	97
29) cis-1,2-Dichloroethene	4.501	61	182165	52.8488	ug/l	91
30) Bromochloromethane	4.654	49	78534	47.7078	ug/l	82
31) 2,2-Dichloropropane	4.513	77	156867	48.1637	ug/l	97
32) Ethyl acetate	4.532	43	137876	50.2017	ug/l	95
33) 1,4-Dioxane	5.580	88	136078	2785.5960	ug/l	91
34) 1,1-Dichloropropene	4.916	75	152385	55.1705	ug/l	91
35) Chloroform	4.696	83	208513	54.4692	ug/l	96
37) Cyclohexane	4.867	56	130570	51.3995	ug/l	96
39) 1,2-Dichloroethane	5.038	62	160216	55.8473	ug/l	98
40) 2-Butanone	4.501	43	74516m	48.9689	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	190261	54.5940	ug/l	97
42) Carbon Tetrachloride	4.928	117	168306	57.4468	ug/l	99
43) Vinyl Acetate	4.123	43	355777	46.3003	ug/l	100
44) Bromodichloromethane	5.653	83	161047	54.2231	ug/l	96
45) Methylcyclohexane	5.513	83	134230	58.2626	ug/l	95
46) Dibromomethane	5.586	174	107519	67.9179	ug/l	91
47) 1,2-Dichloropropane	5.519	63	106272	50.7066	ug/l	100
48) Trichloroethene	5.391	130	141798	60.8329	ug/l	97
49) Benzene	5.044	78	433557	55.9951	ug/l	100
50) tert-Amyl methyl ether	5.086	73	314705	51.0617	ug/l	99
52) Iso-propylacetate	5.038	43	244895	64.5396	ug/l	96
53) Methyl methacrylate	5.544	41	97124	61.0394	ug/l	97
54) Dibromochloromethane	6.507	129	152244	79.1865	ug/l	96
55) 2-Chloroethylvinylether	5.794	63	40279	72.2965	ug/l	94
56) cis-1,3-Dichloropropene	5.891	75	179106	67.9734	ug/l	100
57) trans-1,3-Dichloropropene	6.178	75	172661	66.8517	ug/l	97
58) Ethyl methacrylate	6.196	41	104275	64.1806	ug/l	95
59) 1,1,2-Trichloroethane	6.281	97	118114	71.7486	ug/l	94
60) 1,2-Dibromoethane	6.586	107	136947	74.8026	ug/l	97
61) 1,3-Dichloropropane	6.379	76	191319	71.2120	ug/l	100
62) 4-Methyl-2-Pentanone	5.958	43	141945	63.5480	ug/l	99
63) 2-Hexanone	6.391	43	106467	63.3320	ug/l	98
64) Tetrachloroethene	6.385	164	109198	90.2644	ug/l	99
66) Toluene	6.086	92	281779	74.0484	ug/l	89
67) 1,1,1,2-Tetrachloroethane	6.873	133	119782	76.1256	ug/l	94

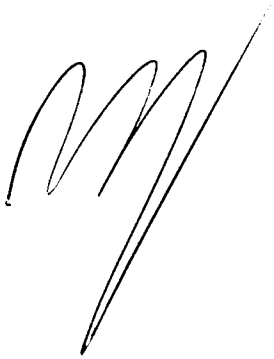
Quantitation Report (QT Reviewed)

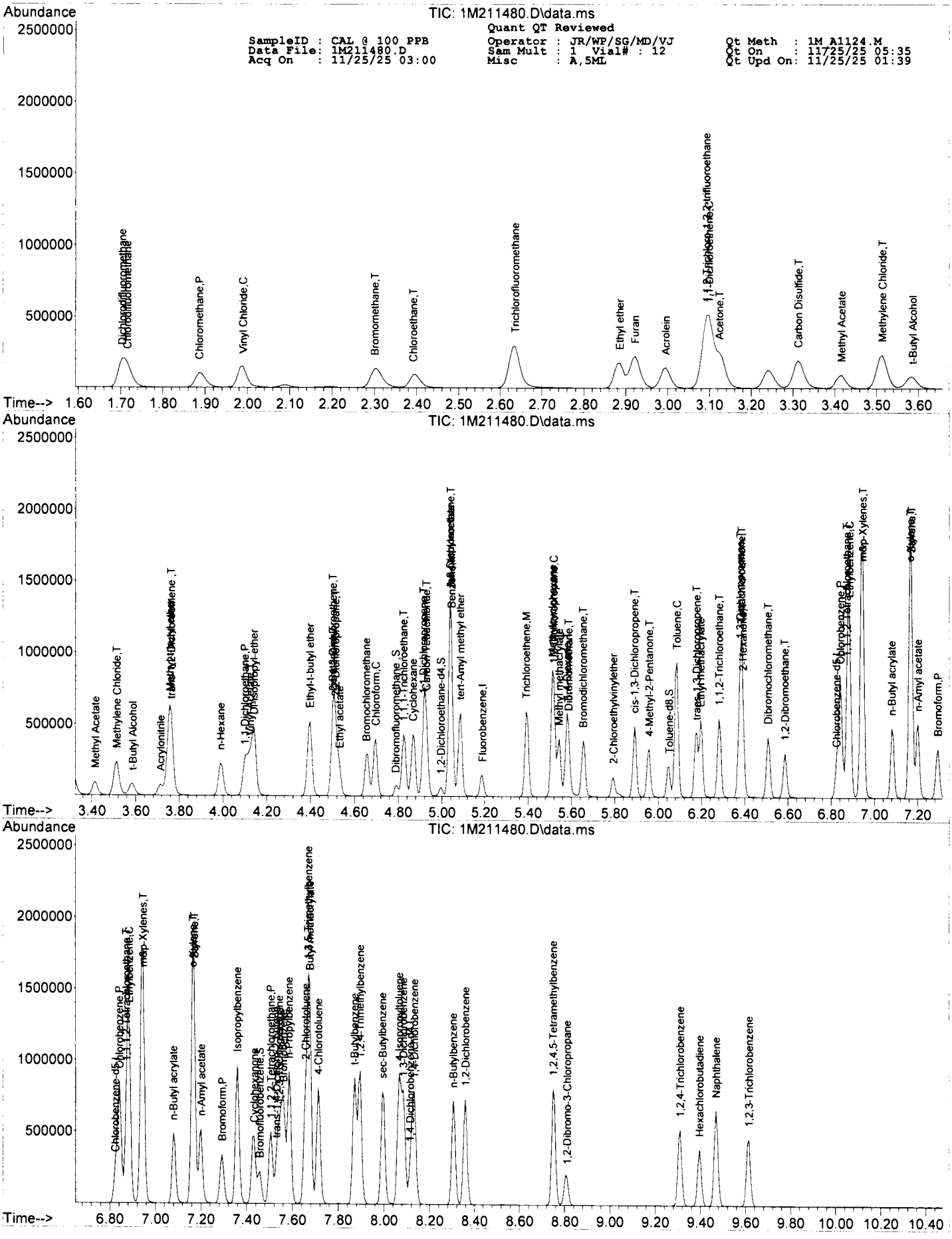
SampleID : CAL @ 100 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211480.D Sam Mult : 1 Vial# : 12 Qt On : 11/25/25 05:35
Acq On : 11/25/25 03:00 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	328296	77.6726	ug/l	100
70)	n-Butyl acrylate	7.080	55	216319	61.1328	ug/l	96
71)	n-Amyl acetate	7.202	43	190313	59.8853	ug/l	95
72)	Bromoform	7.293	173	116352	79.6599	ug/l	94
73)	Ethylbenzene	6.885	106	148804	76.7964	ug/l	88
74)	1,1,2,2-Tetrachloroethane	7.507	83	172885	68.6762	ug/l	97
76)	Styrene	7.171	104	352548	77.1413	ug/l	94
77)	m&p-Xylenes	6.946	106	412082	156.1833	ug/l	93
78)	o-Xylene	7.165	106	200988	76.1958	ug/l	97
79)	trans-1,4-Dichloro-2-b...	7.531	53	44674	64.5644	ug/l	62
80)	1,3-Dichlorobenzene	8.086	146	248642	82.6156	ug/l	91
81)	1,4-Dichlorobenzene	8.135	146	252378	80.8136	ug/l	94
82)	1,2-Dichlorobenzene	8.360	146	238714	80.2984	ug/l	93
83)	Isopropylbenzene	7.360	105	470720	78.7680	ug/l	97
84)	Cyclohexanone	7.433	55	145399	258.3691	ug/l	88
85)	1,2,3-Trichloropropane	7.543	75	214888	66.6587	ug/l	95
86)	2-Chlorotoluene	7.659	91	265017	71.3914	ug/l	98
87)	4-Chlorotoluene	7.714	91	286729	76.3257	ug/l	96
88)	n-Propylbenzene	7.586	91	521489	74.7464	ug/l	98
89)	Bromobenzene	7.561	77	264035	66.0217	ug/l	69
90)	1,3,5-Trimethylbenzene	7.671	105	380634	77.9025	ug/l	98
91)	Butyl methacrylate	7.677	41	124722	63.1107	ug/l	85
92)	t-Butylbenzene	7.872	119	369973	80.7500	ug/l	93
93)	1,2,4-Trimethylbenzene	7.897	105	391655	77.4184	ug/l	98
94)	sec-Butylbenzene	7.994	105	428188	79.0178	ug/l	98
95)	4-Isopropyltoluene	8.068	119	382763	82.1736	ug/l	96
96)	n-Butylbenzene	8.305	91	296042	76.6418	ug/l	91
97)	1,2,4,5-Tetramethylben...	8.750	119	339832	83.2360	ug/l	99
98)	1,2-Dibromo-3-Chloropr...	8.811	157	50221	74.4779	ug/l	70
99)	Hexachlorobutadiene	9.397	225	58614	110.0489	ug/l	96
100)	1,2,4-Trichlorobenzene	9.311	180	130393	96.9413	ug/l	97
101)	1,2,3-Trichlorobenzene	9.616	180	120153	100.6139	ug/l	98
102)	Naphthalene	9.470	128	406424	86.1528	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211480.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 1M211480.D
Acq On : 11/25/25 03:00
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 12
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 05:35
Qt Upd On: 11/25/25 01:39
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->

Abundance
TIC: 1M211480.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->

Abundance
TIC: 1M211480.D\data.ms
Chlorobenzene-d5
Chlorobenzene,P
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
Bromochlorobenzene,S
trans-1,4-Dichloro-2-Butene,P
n-Propylbenzene
2-Chlorotoluene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211483.D Sam Mult : 1 Vial# : 15 Qt On : 11/25/25 05:36
Acq On : 11/25/25 03:58 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	80920	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.830	117	81361	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.123	152	87264	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.788	111	24069	26.86	ug/l	-0.01
Spiked Amount 30.000			Recovery = 89.53%			
38) 1,2-Dichloroethane-d4	4.995	67	11910	25.09	ug/l	-0.01
Spiked Amount 30.000			Recovery = 83.63%			
65) Toluene-d8	6.050	98	86840	33.03	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.10%			
75) Bromofluorobenzene	7.458	174	67732	31.47	ug/l	-0.01
Spiked Amount 30.000			Recovery = 104.90%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.715	51	289711	133.6264	ug/l	67
6) Dichlorodifluoromethane	1.703	85	347928	129.6833	ug/l	93
7) Chloromethane	1.886	50	268139	144.5526	ug/l	93
8) Bromomethane	2.288	94	254352	303.0486	ug/l	94
9) Vinyl Chloride	1.983	62	335292	165.1401	ug/l	99
10) Chloroethane	2.386	64	202172	167.2341	ug/l	99
11) Trichlorofluoromethane	2.630	101	590011	197.2107	ug/l	95
12) Ethyl ether	2.880	59	234421	147.4964	ug/l	100
13) Furan	2.916	39	333381	142.1462	ug/l	98
14) 1,1,2-Trichloro-1,2,2-...	3.087	101	267687	171.4924	ug/l	97
15) Methylene Chloride	3.514	84	280468	147.2862	ug/l	99
16) Acrolein	2.995	56	291857	670.1257	ug/l	96
17) Acrylonitrile	3.715	53	139553	144.3973	ug/l	86
18) Acetone	3.130	43	568414	677.3778	ug/l	83
19) Carbon Disulfide	3.312	76	691391	133.7955	ug/l	100
20) t-Butyl Alcohol	3.587	59	226503	650.7359	ug/l	84
21) n-Hexane	3.989	57	228433	144.5924	ug/l	97
22) Di-isopropyl-ether	4.142	45	694461	144.8338	ug/l	100
23) 1,1-Dichloroethene	3.093	61	360987	144.5164	ug/l	90
24) Methyl Acetate	3.416	43	255303	136.1080	ug/l	100
25) Methyl-t-butyl ether	3.758	73	829228	154.5754	ug/l	97
26) 1,1-Dichloroethane	4.099	63	447678	144.7207	ug/l	99
27) trans-1,2-Dichloroethene	3.758	96	294957	155.2639	ug/l	95
28) Ethyl-t-butyl ether	4.398	59	783567	147.0562	ug/l	97
29) cis-1,2-Dichloroethene	4.501	61	449195	149.5809	ug/l	90
30) Bromochloromethane	4.654	49	186737	130.2066	ug/l	81
31) 2,2-Dichloropropane	4.513	77	391717	138.0484	ug/l	94
32) Ethyl acetate	4.532	43	344681	144.0516	ug/l	96
33) 1,4-Dioxane	5.580	88	336935	7916.7576	ug/l	89
34) 1,1-Dichloropropene	4.916	75	370670	154.0363	ug/l	91
35) Chloroform	4.696	83	514975	154.4100	ug/l	99
37) Cyclohexane	4.867	56	323853	146.3303	ug/l	96
39) 1,2-Dichloroethane	5.038	62	396306	158.5617	ug/l	99
40) 2-Butanone	4.501	43	183453m	138.3780	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	475953	156.7583	ug/l	95
42) Carbon Tetrachloride	4.928	117	432797	169.5592	ug/l	100
43) Vinyl Acetate	4.123	43	909463	135.8507	ug/l	100
44) Bromodichloromethane	5.653	83	405182	156.5858	ug/l	98
45) Methylcyclohexane	5.513	83	332764	165.7859	ug/l	95
46) Dibromomethane	5.586	174	267899	194.2411	ug/l	92
47) 1,2-Dichloropropane	5.519	63	259968	142.3759	ug/l	97
48) Trichloroethene	5.391	130	348793	171.7542	ug/l	96
49) Benzene	5.044	78	1075905	159.4956	ug/l	100
50) tert-Amyl methyl ether	5.087	73	772397	143.8479	ug/l	97
52) Iso-propylacetate	5.038	43	620801	186.5056	ug/l	95
53) Methyl methacrylate	5.544	41	249292	178.6014	ug/l	98
54) Dibromochloromethane	6.507	129	390390	231.4741	ug/l	99
55) 2-Chloroethylvinylether	5.794	63	100823	206.2962	ug/l	93
56) cis-1,3-Dichloropropene	5.891	75	456311	197.4163	ug/l	100
57) trans-1,3-Dichloropropene	6.178	75	439156	193.8340	ug/l	98
58) Ethyl methacrylate	6.196	41	266328	186.8675	ug/l	95
59) 1,1,2-Trichloroethane	6.281	97	296127	205.0609	ug/l	93
60) 1,2-Dibromoethane	6.586	107	339059	211.1216	ug/l	98
61) 1,3-Dichloropropane	6.379	76	472085	200.3127	ug/l	99
62) 4-Methyl-2-Pentanone	5.958	43	356310	181.8456	ug/l	99
63) 2-Hexanone	6.391	43	265591	180.1003	ug/l	96
64) Tetrachloroethene	6.385	164	272161	256.4607	ug/l	93
66) Toluene	6.086	92	704804	211.1389	ug/l	92
67) 1,1,1,2-Tetrachloroethane	6.879	133	309212	224.0210	ug/l	91

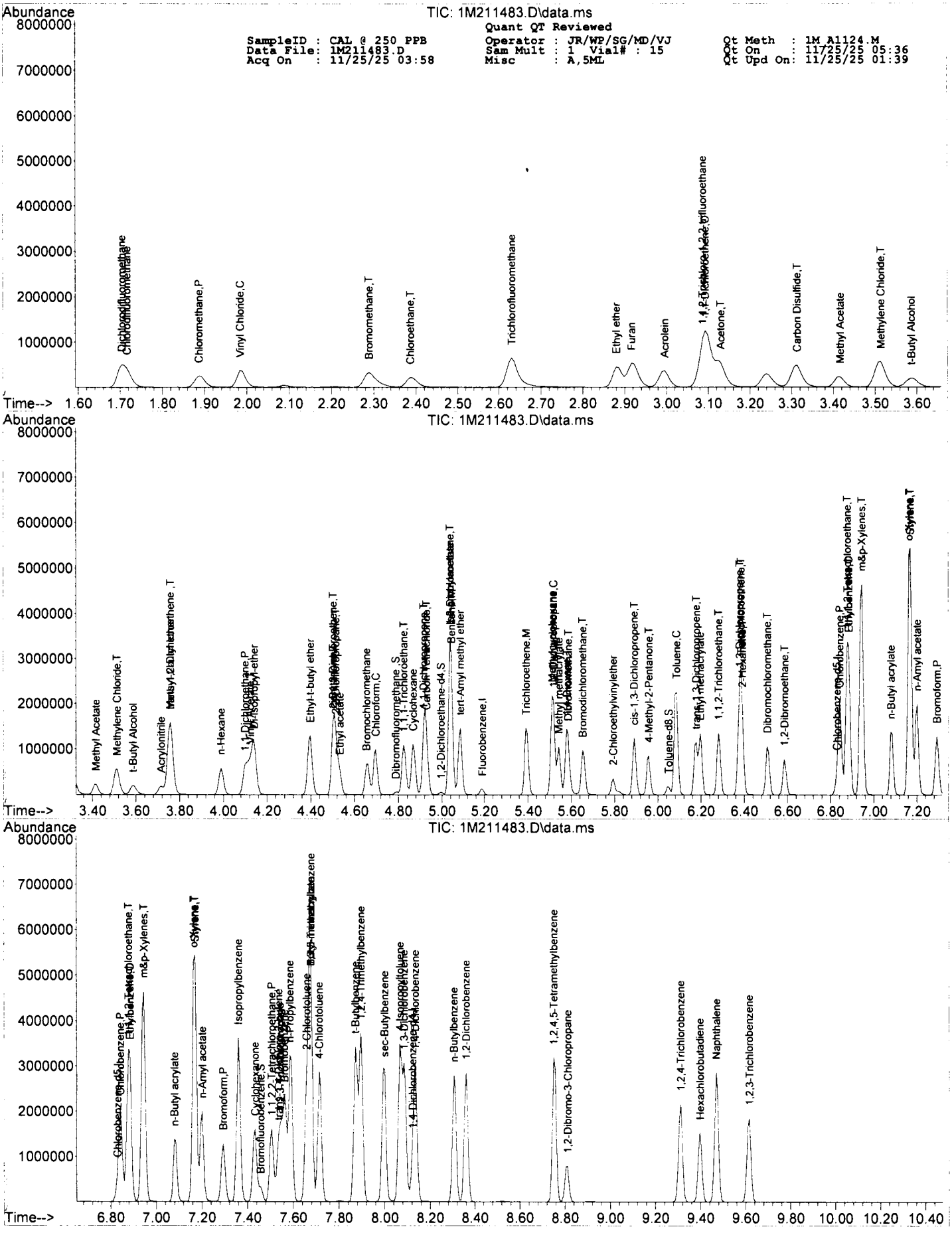
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211483.D Sam Mult : 1 Vial# : 15 Qt On : 11/25/25 05:36
Acq On : 11/25/25 03:58 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	819054	220.9063	ug/l	98
70)	n-Butyl acrylate	7.080	55	620458	121.6484	ug/l	95
71)	n-Amyl acetate	7.202	43	710207	155.0426	ug/l	97
72)	Bromoform	7.293	173	435860	207.0272	ug/l	98
73)	Ethylbenzene	6.885	106	372854	133.4995	ug/l	90
74)	1,1,2,2-Tetrachloroethane	7.507	83	561174	154.6540	ug/l	99
76)	Styrene	7.171	104	1099109	166.8491	ug/l	97
77)	m&p-Xylenes	6.946	106	1036153	272.4516	ug/l	92
78)	o-Xylene	7.165	106	611982	160.9586	ug/l	94
79)	trans-1,4-Dichloro-2-b...	7.537	53	137551	137.9166	ug/l	62
80)	1,3-Dichlorobenzene	8.086	146	1036492	238.9284	ug/l	90
81)	1,4-Dichlorobenzene	8.135	146	1005598	223.3941	ug/l	95
82)	1,2-Dichlorobenzene	8.360	146	1022654	238.6559	ug/l	91
83)	Isopropylbenzene	7.360	105	1799137	208.8651	ug/l	97
84)	Cyclohexanone	7.434	55	477681	588.8865	ug/l	91
85)	1,2,3-Trichloropropane	7.543	75	625469	134.6062	ug/l	97
86)	2-Chlorotoluene	7.659	91	931345	174.0592	ug/l	99
87)	4-Chlorotoluene	7.714	91	1047876	193.5189	ug/l	97
88)	n-Propylbenzene	7.586	91	1918835	190.8083	ug/l	98
89)	Bromobenzene	7.562	77	857718	148.7936	ug/l	70
90)	1,3,5-Trimethylbenzene	7.677	105	1345860	191.0990	ug/l	99
91)	Butyl methacrylate	7.677	41	454772	159.6498	ug/l	88
92)	t-Butylbenzene	7.873	119	1563665	236.7723	ug/l	89
93)	1,2,4-Trimethylbenzene	7.897	105	1618414	221.9446	ug/l	95
94)	sec-Butylbenzene	8.001	105	1725982	220.9740	ug/l	96
95)	4-Isopropyltoluene	8.068	119	1550832	230.9840	ug/l	95
96)	n-Butylbenzene	8.305	91	1186822	213.1632	ug/l	88
97)	1,2,4,5-Tetramethylben...	8.750	119	1433354	243.5651	ug/l	96
98)	1,2-Dibromo-3-Chloropr...	8.811	157	234039	240.7933	ug/l	59
99)	Hexachlorobutadiene	9.397	225	236658	308.2620	ug/l	98
100)	1,2,4-Trichlorobenzene	9.311	180	569362	293.6685	ug/l	96
101)	1,2,3-Trichlorobenzene	9.616	180	494588	287.3302	ug/l	98
102)	Naphthalene	9.470	128	1789912	263.2304	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 1M211483.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 1M211483.D
Acq On : 11/25/25 03:58
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 15
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 05:36
Qt Upd On: 11/25/25 01:39
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211487.D Sam Mult : 1 Vial# : 19 Qt On : 11/25/25 05:38
Acq On : 11/25/25 05:17 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	84355	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.830	117	121419	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	79472	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.788	111	23662	25.33	ug/l	-0.01
Spiked Amount 30.000			Recovery = 84.43%			
38) 1,2-Dichloroethane-d4	4.995	67	11513	23.27	ug/l	-0.01
Spiked Amount 30.000			Recovery = 77.57%			
65) Toluene-d8	6.050	98	94831	24.17	ug/l	0.00
Spiked Amount 30.000			Recovery = 80.57%			
75) Bromofluorobenzene	7.458	174	68124	34.75	ug/l	-0.01
Spiked Amount 30.000			Recovery = 115.83%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.715	51	608994	269.4544	ug/l	70
6) Dichlorodifluoromethane	1.703	85	718151	256.7766	ug/l	95
7) Chloromethane	1.886	50	553781m	286.3842	ug/l	
8) Bromomethane	2.270	94	662856m	757.6025	ug/l	
9) Vinyl Chloride	1.989	62	703225	332.2529	ug/l	99
10) Chloroethane	2.373	64	420972	334.0427	ug/l	97
11) Trichlorofluoromethane	2.623	101	1149456	368.5597	ug/l	94
12) Ethyl ether	2.879	59	490381	295.9809	ug/l	99
13) Furan	2.916	39	691166	282.6973	ug/l	99
14) 1,1,2-Trichloro-1,2,2-...	3.087	101	551410	338.8733	ug/l	95
15) Methylene Chloride	3.507	84	572917	288.6127	ug/l	96
16) Acrolein	2.995	56	611335	1346.5128	ug/l	96
17) Acrylonitrile	3.715	53	287105	284.9742	ug/l	91
18) Acetone	3.129	43	1137358	1300.1948	ug/l	83
19) Carbon Disulfide	3.306	76	1439140	267.1565	ug/l	100
20) t-Butyl Alcohol	3.599	59	466412	1285.4216	ug/l	83
21) n-Hexane	3.989	57	481789	292.5422	ug/l	96
22) Di-isopropyl-ether	4.141	45	1450658	290.2232	ug/l	98
23) 1,1-Dichloroethene	3.093	61	740942	284.5476	ug/l	87
24) Methyl Acetate	3.416	43	524987	268.4857	ug/l	100
25) Methyl-t-butyl ether	3.757	73	1735831	310.3980	ug/l	97
26) 1,1-Dichloroethane	4.099	63	901997	279.7145	ug/l	97
27) trans-1,2-Dichloroethene	3.757	96	615062	310.5816	ug/l	93
28) Ethyl-t-butyl ether	4.397	59	1651705	297.3614	ug/l	97
29) cis-1,2-Dichloroethene	4.507	61	930190	297.1378	ug/l	88
30) Bromochloromethane	4.653	49	376794	252.0297	ug/l	86
31) 2,2-Dichloropropane	4.513	77	811790	274.4403	ug/l	94
32) Ethyl acetate	4.532	43	734035	294.2811	ug/l	97
33) 1,4-Dioxane	5.586	88	745693	16807.6243	ug/l	91
34) 1,1-Dichloropropene	4.916	75	783718	312.4213	ug/l	92
35) Chloroform	4.696	83	1069162	307.5231	ug/l	98
37) Cyclohexane	4.867	56	674378	292.3039	ug/l	96
39) 1,2-Dichloroethane	5.038	62	833837	320.0324	ug/l	99
40) 2-Butanone	4.501	43	365930m	264.7801	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	997802	315.2505	ug/l	97
42) Carbon Tetrachloride	4.928	117	909737	341.8992	ug/l	99
43) Vinyl Acetate	4.123	43	1938906	277.8296	ug/l	100
44) Bromodichloromethane	5.653	83	899159	333.3373	ug/l	97
45) Methylcyclohexane	5.513	83	728889	348.3516	ug/l	96
46) Dibromomethane	5.586	174	609457	423.8949	ug/l	91
47) 1,2-Dichloropropane	5.519	63	565740	297.2203	ug/l	99
48) Trichloroethene	5.391	130	754776	356.5354	ug/l	97
49) Benzene	5.044	78	2252700	320.3489	ug/l	100
50) tert-Amyl methyl ether	5.086	73	1689276	301.7925	ug/l	98
52) Iso-propylacetate	5.038	43	1311947	264.1103	ug/l	95
53) Methyl methacrylate	5.544	41	571830	274.5193	ug/l	95
54) Dibromochloromethane	6.507	129	1043387	414.5517	ug/l	98
55) 2-Chloroethylvinylether	5.793	63	225699	309.4503	ug/l	94
56) cis-1,3-Dichloropropene	5.891	75	989502	286.8590	ug/l	99
57) trans-1,3-Dichloropropene	6.178	75	1065640	315.1746	ug/l	99
58) Ethyl methacrylate	6.196	41	632420	297.3391	ug/l	93
59) 1,1,2-Trichloroethane	6.281	97	665594	308.8474	ug/l	96
60) 1,2-Dibromoethane	6.586	107	979898	408.8536	ug/l	99
61) 1,3-Dichloropropane	6.379	76	1058032	300.8269	ug/l	99
62) 4-Methyl-2-Pentanone	5.958	43	802521	274.4485	ug/l	98
63) 2-Hexanone	6.391	43	556012	252.6474	ug/l	96
64) Tetrachloroethene	6.385	164	605660	382.4313	ug/l	95
66) Toluene	6.086	92	1819798	365.3025	ug/l	94
67) 1,1,1,2-Tetrachloroethane	6.879	133	765816	371.7804	ug/l	92

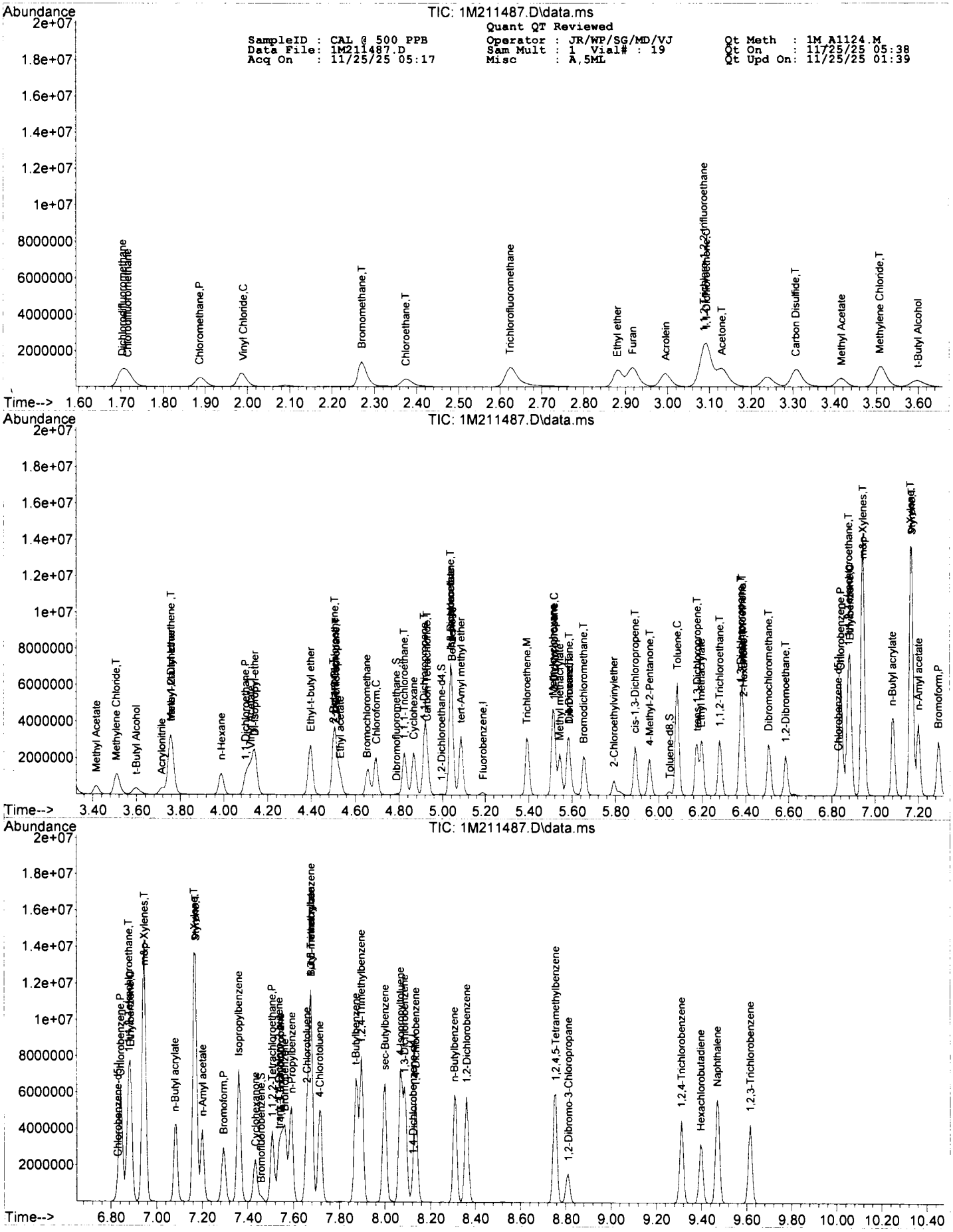
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211487.D Sam Mult : 1 Vial# : 19 Qt On : 11/25/25 05:38
Acq On : 11/25/25 05:17 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	2448442	442.5017	ug/l	99
70)	n-Butyl acrylate	7.080	55	1898045	408.6218	ug/l	98
71)	n-Amyl acetate	7.202	43	1323181	317.1803	ug/l	95
72)	Bromoform	7.293	173	1088432	567.6788	ug/l	96
73)	Ethylbenzene	6.885	106	843427	331.5961	ug/l	90
74)	1,1,2,2-Tetrachloroethane	7.507	83	1318466	398.9822	ug/l	98
76)	Styrene	7.171	104	2978932	496.5518	ug/l	91
77)	m&p-Xylenes	6.946	106	3050486	880.7556	ug/l	89
78)	o-Xylene	7.165	106	1708326	493.3637	ug/l	98
79)	trans-1,4-Dichloro-2-b...	7.537	53	310374	341.7111	ug/l	58
80)	1,3-Dichlorobenzene	8.086	146	2049419	518.7446	ug/l	91
81)	1,4-Dichlorobenzene	8.135	146	1834653	447.5300	ug/l	94
82)	1,2-Dichlorobenzene	8.360	146	1972449	505.4407	ug/l	93
83)	Isopropylbenzene	7.360	105	3822560	487.2781	ug/l	95
84)	Cyclohexanone	7.433	55	683276	924.9341	ug/l	87
85)	1,2,3-Trichloropropane	7.543	75	1315919	310.9634	ug/l	98
86)	2-Chlorotoluene	7.659	91	1807768	370.9796	ug/l	99
87)	4-Chlorotoluene	7.714	91	1806611	366.3525	ug/l	96
88)	n-Propylbenzene	7.592	91	2999450	327.5082	ug/l	98
89)	Bromobenzene	7.561	77	1535753	292.5379	ug/l	75
90)	1,3,5-Trimethylbenzene	7.677	105	2567568	400.3146	ug/l	99
91)	Butyl methacrylate	7.677	41	888835	342.6232	ug/l	88
92)	t-Butylbenzene	7.872	119	3137283	521.6292	ug/l	91
93)	1,2,4-Trimethylbenzene	7.897	105	3291472	495.6397	ug/l	96
94)	sec-Butylbenzene	8.000	105	3619786	508.8722	ug/l	96
95)	4-Isopropyltoluene	8.067	119	3250822	531.6566	ug/l	95
96)	n-Butylbenzene	8.305	91	2537017	500.3466	ug/l	88
97)	1,2,4,5-Tetramethylben...	8.756	119	2760427	515.0612	ug/l	96
98)	1,2-Dibromo-3-Chloropr...	8.811	157	463416	523.5381	ug/l	57
99)	Hexachlorobutadiene	9.396	225	537593	768.9063	ug/l	99
100)	1,2,4-Trichlorobenzene	9.311	180	1185330	671.3193	ug/l	96
101)	1,2,3-Trichlorobenzene	9.616	180	1152385	735.1166	ug/l	97
102)	Naphthalene	9.470	128	3613092m	583.4510	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211487.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 1M211487.D
Acq On : 11/25/25 05:17
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 19
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 05:38
Qt Upd On: 11/25/25 01:39
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->

Abundance
TIC: 1M211487.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->

Abundance
TIC: 1M211487.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
n-Propylbenzene
2-Chlorotoluene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211470.D Sam Mult : 1 Vial# : 2 Qt On : 11/25/25 01:40
Acq On : 11/24/25 23:44 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	83396	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.824	117	81156	30.00	ug/l	-0.01
69) 1,4-Dichlorobenzene-d4	8.122	152	48470	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	24726	26.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 89.23%			
38) 1,2-Dichloroethane-d4	4.995	67	12025	24.58	ug/l	-0.01
Spiked Amount 30.000			Recovery = 81.93%			
65) Toluene-d8	6.050	98	87859	33.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 111.67%			
75) Bromofluorobenzene	7.458	174	38530	32.23	ug/l	-0.01
Spiked Amount 30.000			Recovery = 107.43%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.715	51	1115m	0.4990	ug/l	
6) Dichlorodifluoromethane	1.703	85	1431	0.5175	ug/l	99
7) Chloromethane	1.892	50	1224	0.6403	ug/l	93
8) Bromomethane	2.319	94	1331	1.5387	ug/l	97
9) Vinyl Chloride	1.990	62	1391	0.6648	ug/l	65
10) Chloroethane	2.398	64	1041	0.8355	ug/l	98
11) Trichlorofluoromethane	2.636	101	2466	0.7998	ug/l	89
12) Ethyl ether	2.892	59	1085	0.6624	ug/l	96
13) Furan	2.922	39	1310	0.5420	ug/l	92
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	1063	0.6608	ug/l	89
15) Methylene Chloride	3.514	84	1280	0.6522	ug/l	78
16) Acrolein	3.002	56	916	2.0408	ug/l	78
17) Acrylonitrile	3.715	53	723	0.7259	ug/l	68
18) Acetone	3.142	43	2702m	3.1244	ug/l	
19) Carbon Disulfide	3.319	76	2844	0.5340	ug/l	100
20) t-Butyl Alcohol	3.599	59	925	2.5786	ug/l	78
21) n-Hexane	3.989	57	876	0.5380	ug/l	80
22) Di-isopropyl-ether	4.148	45	2578	0.5217	ug/l	75
23) 1,1-Dichloroethene	3.099	61	1472	0.5718	ug/l	72
24) Methyl Acetate	3.416	43	1117	0.5778	ug/l	100
25) Methyl-t-butyl ether	3.757	73	3091	0.5591	ug/l	91
26) 1,1-Dichloroethane	4.105	63	1651	0.5179	ug/l	81
27) trans-1,2-Dichloroethene	3.764	96	1385	0.7074	ug/l	76
28) Ethyl-t-butyl ether	4.398	59	3105	0.5654	ug/l	99
29) cis-1,2-Dichloroethene	4.507	61	1812	0.5855	ug/l	91
30) Bromochloromethane	4.660	49	806	0.5453	ug/l	90
31) 2,2-Dichloropropane	4.520	77	1459	0.4989	ug/l	86
32) Ethyl acetate	4.538	43	1344	0.5450	ug/l	96
33) 1,4-Dioxane	5.586	88	1242	28.3161	ug/l	88
34) 1,1-Dichloropropene	4.922	75	1402	0.5653	ug/l	90
35) Chloroform	4.702	83	1992	0.5795	ug/l	94
37) Cyclohexane	4.873	56	1289	0.5651	ug/l	94
39) 1,2-Dichloroethane	5.038	62	1826	0.7089	ug/l	81
40) 2-Butanone	4.507	43	789	0.5775	ug/l	52
41) 1,1,1-Trichloroethane	4.830	97	1722	0.5503	ug/l	84
42) Carbon Tetrachloride	4.928	117	1281m	0.4870	ug/l	
43) Vinyl Acetate	4.135	43	3223m	0.4671	ug/l	
44) Bromodichloromethane	5.660	83	1491	0.5591	ug/l	86
45) Methylcyclohexane	5.513	83	1299	0.6280	ug/l	97
46) Dibromomethane	5.586	174	1182	0.8316	ug/l	86
47) 1,2-Dichloropropane	5.519	63	1018	0.5410	ug/l	100
48) Trichloroethene	5.391	130	1267	0.6054	ug/l	93
49) Benzene	5.044	78	3982	0.5728	ug/l	100
50) tert-Amyl methyl ether	5.086	73	2925	0.5286	ug/l	89
52) Iso-propylacetate	5.038	43	2139	0.6442	ug/l	88
53) Methyl methacrylate	5.544	41	948	0.6809	ug/l	84
54) Dibromochloromethane	6.513	129	1229	0.7306	ug/l	98
55) 2-Chloroethylvinylether	5.794	63	410	0.8410	ug/l	78
56) cis-1,3-Dichloropropene	5.891	75	1365	0.5920	ug/l	94
57) trans-1,3-Dichloropropene	6.172	75	1343	0.5943	ug/l	83
58) Ethyl methacrylate	6.202	41	794	0.5585	ug/l	84
59) 1,1,2-Trichloroethane	6.281	97	1224	0.8497	ug/l	85
60) 1,2-Dibromoethane	6.586	107	1143	0.7135	ug/l	99
61) 1,3-Dichloropropane	6.379	76	1875	0.7976	ug/l	78
62) 4-Methyl-2-Pentanone	5.952	43	1410	0.7214	ug/l	77
63) 2-Hexanone	6.391	43	1075	0.7308	ug/l	90
64) Tetrachloroethene	6.385	164	1183	1.1176	ug/l	91
66) Toluene	6.086	92	2712	0.8145	ug/l	81
67) 1,1,1,2-Tetrachloroethane	6.873	133	1036	0.7525	ug/l	82

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB
Data File: 1M211470.D
Acq On : 11/24/25 23:44

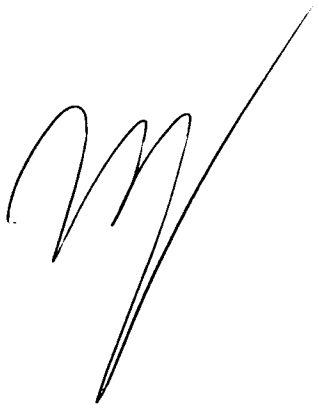
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 2
Misc : A,5ML

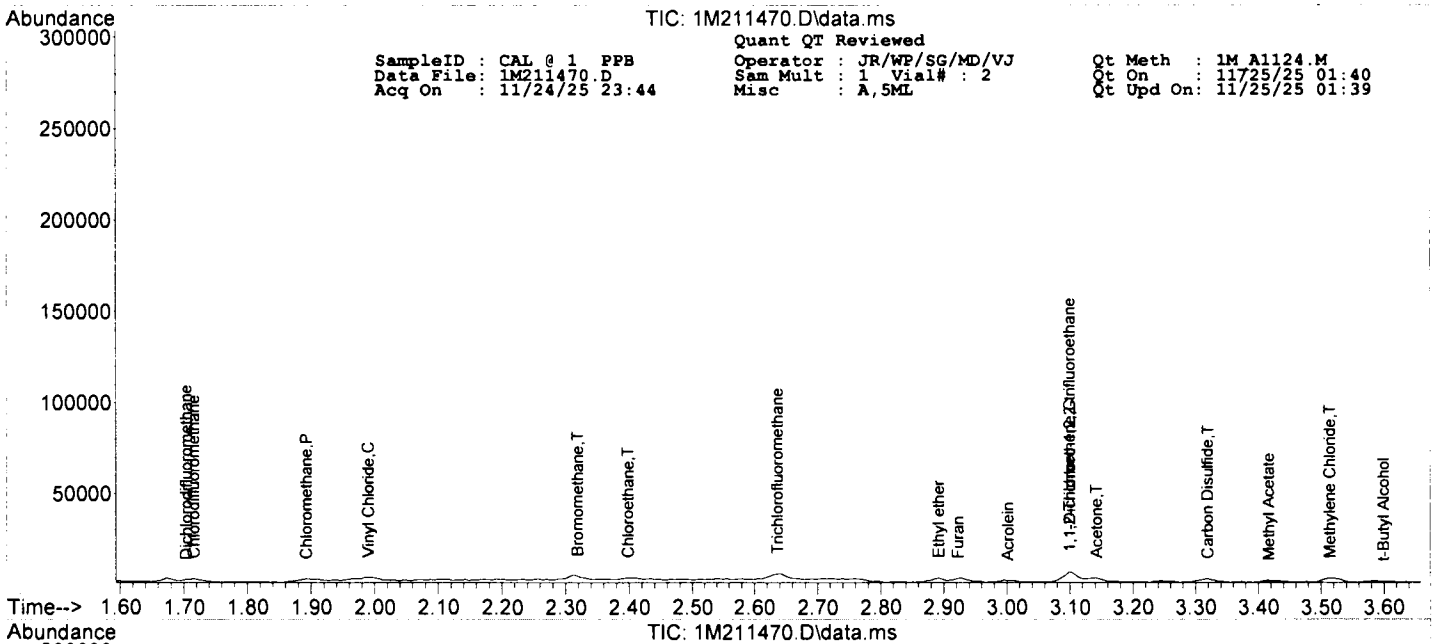
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39

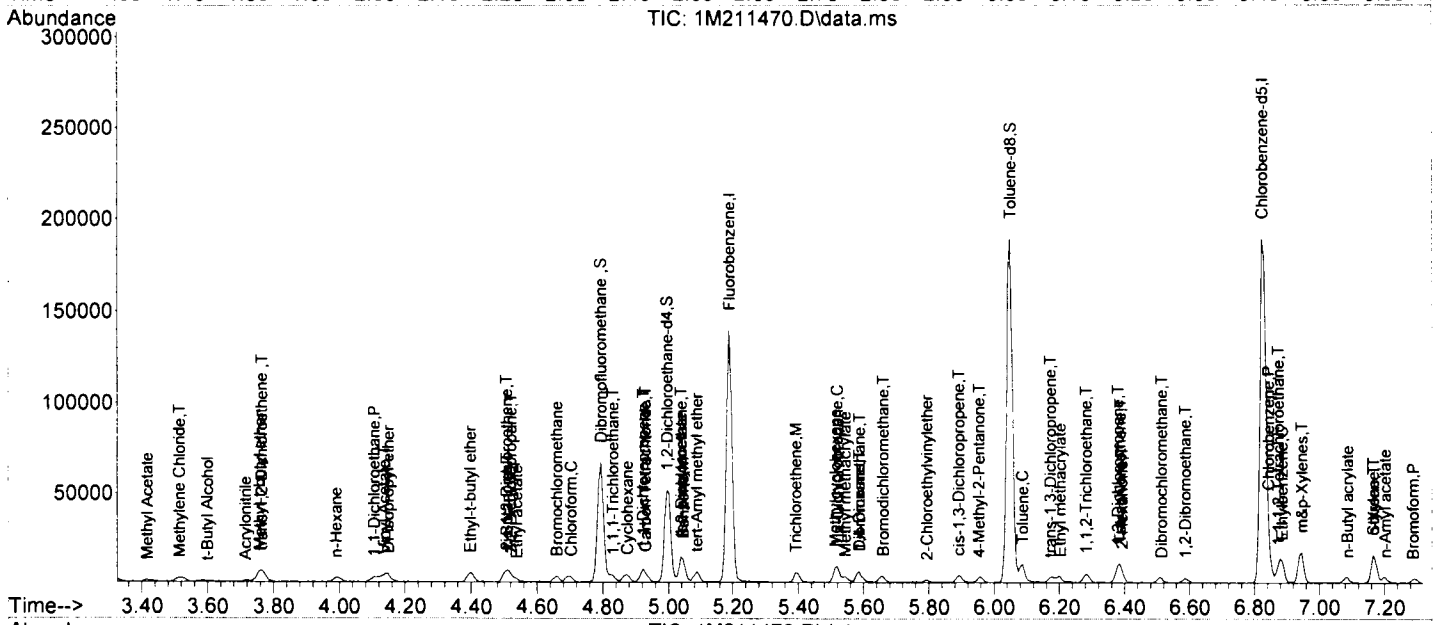
Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

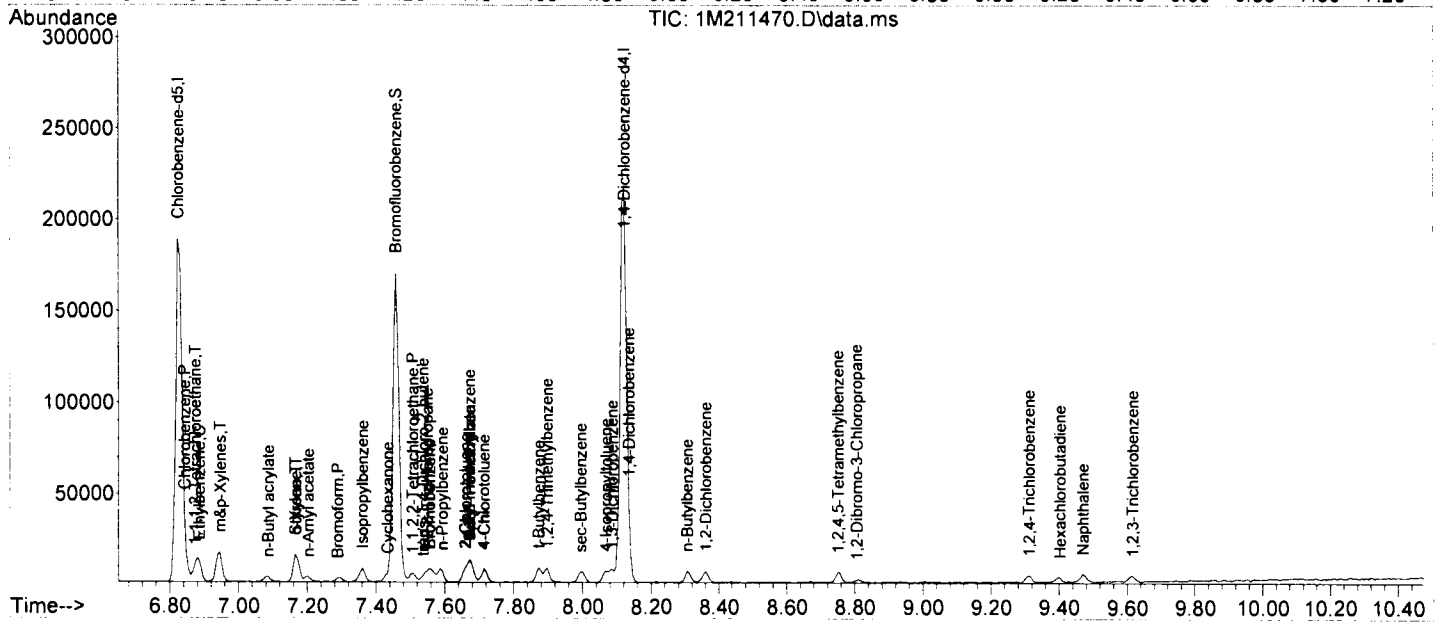
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	3266	0.8831	ug/l	90
70)	n-Butyl acrylate	7.086	55	1536	0.5422	ug/l	91
71)	n-Amyl acetate	7.202	43	1203m	0.4728	ug/l	
72)	Bromoform	7.287	173	843	0.7209	ug/l	90
73)	Ethylbenzene	6.885	106	1360	0.8767	ug/l	91
74)	1,1,2,2-Tetrachloroethane	7.507	83	1697	0.8420	ug/l	84
76)	Styrene	7.165	104	2425	0.6628	ug/l	83
77)	m&p-Xylenes	6.946	106	3829	1.8126	ug/l	98
78)	o-Xylene	7.165	106	1835	0.8689	ug/l	98
79)	trans-1,4-Dichloro-2-b...	7.537	53	417	0.7528	ug/l	94
80)	1,3-Dichlorobenzene	8.086	146	2482	1.0301	ug/l	88
81)	1,4-Dichlorobenzene	8.135	146	2418	0.9671	ug/l	86
82)	1,2-Dichlorobenzene	8.360	146	2087	0.8769	ug/l	93
83)	Isopropylbenzene	7.360	105	4091	0.8551	ug/l	93
84)	Cyclohexanone	7.434	55	1469	3.2604	ug/l	98
85)	1,2,3-Trichloropropane	7.549	75	1872	0.7253	ug/l	75
86)	2-Chlorotoluene	7.659	91	2392	0.8048	ug/l	87
87)	4-Chlorotoluene	7.714	91	3148	1.0467	ug/l	90
88)	n-Propylbenzene	7.592	91	4426	0.7924	ug/l	96
89)	Bromobenzene	7.556	77	2610	0.8152	ug/l	72
90)	1,3,5-Trimethylbenzene	7.671	105	3319	0.8485	ug/l	92
91)	Butyl methacrylate	7.671	41	829	0.5240	ug/l	83
92)	t-Butylbenzene	7.873	119	3212	0.8756	ug/l	90
93)	1,2,4-Trimethylbenzene	7.897	105	3361	0.8298	ug/l	98
94)	sec-Butylbenzene	7.994	105	3655	0.8425	ug/l	95
95)	4-Isopropyltoluene	8.068	119	2871	0.7699	ug/l	98
96)	n-Butylbenzene	8.305	91	2492	0.8058	ug/l	85
97)	1,2,4,5-Tetramethylben...	8.750	119	2520	0.7709	ug/l	92
98)	1,2-Dibromo-3-Chloropr...	8.805	157	446	0.8261	ug/l	48
99)	Hexachlorobutadiene	9.403	225	599	1.4047	ug/l	88
100)	1,2,4-Trichlorobenzene	9.311	180	1179	1.0948	ug/l	95
101)	1,2,3-Trichlorobenzene	9.616	180	948	0.9915	ug/l	89
102)	Naphthalene	9.470	128	2878	0.7620	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed




TIC: 1M211470.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 1M211470.D
Acq On : 11/24/25 23:44
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 2
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39
Abundance
Time-->


TIC: 1M211470.D\data.ms
Abundance
Time-->


TIC: 1M211470.D\data.ms
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211469.D Sam Mult : 1 Vial# : 1 Qt On : 11/25/25 01:40
Acq On : 11/24/25 23:24 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	107606	30.00	ug/l	-0.01
51) Chlorobenzene-d5	6.830	117	104693	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	59494	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	31451	26.39	ug/l	0.00
Spiked Amount 30.000			Recovery = 87.97%			
38) 1,2-Dichloroethane-d4	4.995	67	16407	26.00	ug/l	-0.01
Spiked Amount 30.000			Recovery = 86.67%			
65) Toluene-d8	6.050	98	115107	34.03	ug/l	0.00
Spiked Amount 30.000			Recovery = 113.43%			
75) Bromofluorobenzene	7.458	174	49592	33.79	ug/l	-0.01
Spiked Amount 30.000			Recovery = 112.63%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	0.000		0	N.D. d		
6) Dichlorodifluoromethane	0.000		0	N.D. d		
7) Chloromethane	0.000		0	N.D. d		
8) Bromomethane	0.000		0	N.D. d		
9) Vinyl Chloride	0.000		0	N.D. d		
10) Chloroethane	0.000		0	N.D.		
11) Trichlorofluoromethane	0.000		0	N.D. d		
12) Ethyl ether	0.000		0	N.D. d		
13) Furan	0.000		0	N.D. d		
14) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d		
15) Methylene Chloride	0.000		0	N.D. d		
16) Acrolein	0.000		0	N.D. d		
17) Acrylonitrile	0.000		0	N.D. d		
18) Acetone	0.000		0	N.D. d		
19) Carbon Disulfide	0.000		0	N.D. d		
20) t-Butyl Alcohol	0.000		0	N.D. d		
21) n-Hexane	0.000		0	N.D. d		
22) Di-isopropyl-ether	0.000		0	N.D. d		
23) 1,1-Dichloroethene	0.000		0	N.D. d		
24) Methyl Acetate	0.000		0	N.D. d		
25) Methyl-t-butyl ether	3.770	73	1818	0.2548	ug/l	95
26) 1,1-Dichloroethane	0.000		0	N.D. d		
27) trans-1,2-Dichloroethene	0.000		0	N.D. d		
28) Ethyl-t-butyl ether	0.000		0	N.D. d		
29) cis-1,2-Dichloroethene	0.000		0	N.D. d		
30) Bromochloromethane	0.000		0	N.D. d		
31) 2,2-Dichloropropane	0.000		0	N.D. d		
32) Ethyl acetate	0.000		0	N.D. d		
33) 1,4-Dioxane	0.000		0	N.D. d		
34) 1,1-Dichloropropene	0.000		0	N.D. d		
35) Chloroform	0.000		0	N.D. d		
37) Cyclohexane	0.000		0	N.D. d		
39) 1,2-Dichloroethane	5.044	62	908	0.2732	ug/l	99
40) 2-Butanone	0.000		0	N.D. d		
41) 1,1,1-Trichloroethane	0.000		0	N.D. d		
42) Carbon Tetrachloride	0.000		0	N.D. d		
43) Vinyl Acetate	0.000		0	N.D. d		
44) Bromodichloromethane	5.666	83	757	0.2200	ug/l	78
45) Methylcyclohexane	0.000		0	N.D. d		
46) Dibromomethane	0.000		0	N.D. d		
47) 1,2-Dichloropropane	0.000		0	N.D. d		
48) Trichloroethene	0.000		0	N.D. d		
49) Benzene	5.044	78	2270	0.2531	ug/l	100
50) tert-Amyl methyl ether	0.000		0	N.D. d		
52) Iso-propylacetate	0.000		0	N.D. d		
53) Methyl methacrylate	0.000		0	N.D. d		
54) Dibromochloromethane	0.000		0	N.D. d		
55) 2-Chloroethylvinylether	0.000		0	N.D. d		
56) cis-1,3-Dichloropropene	0.000		0	N.D. d		
57) trans-1,3-Dichloropropene	0.000		0	N.D. d		
58) Ethyl methacrylate	0.000		0	N.D. d		
59) 1,1,2-Trichloroethane	6.281	97	599	0.3224	ug/l	89
60) 1,2-Dibromoethane	0.000		0	N.D. d		
61) 1,3-Dichloropropane	0.000		0	N.D. d		
62) 4-Methyl-2-Pentanone	0.000		0	N.D. d		
63) 2-Hexanone	0.000		0	N.D. d		
64) Tetrachloroethene	0.000		0	N.D. d		
66) Toluene	0.000		0	N.D. d		
67) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d		

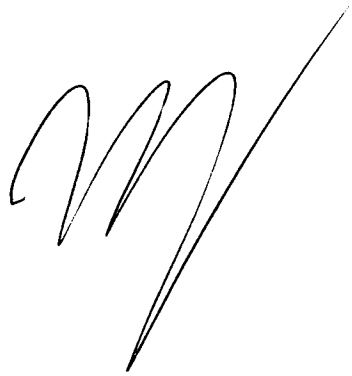
Quantitation Report (QT Reviewed)

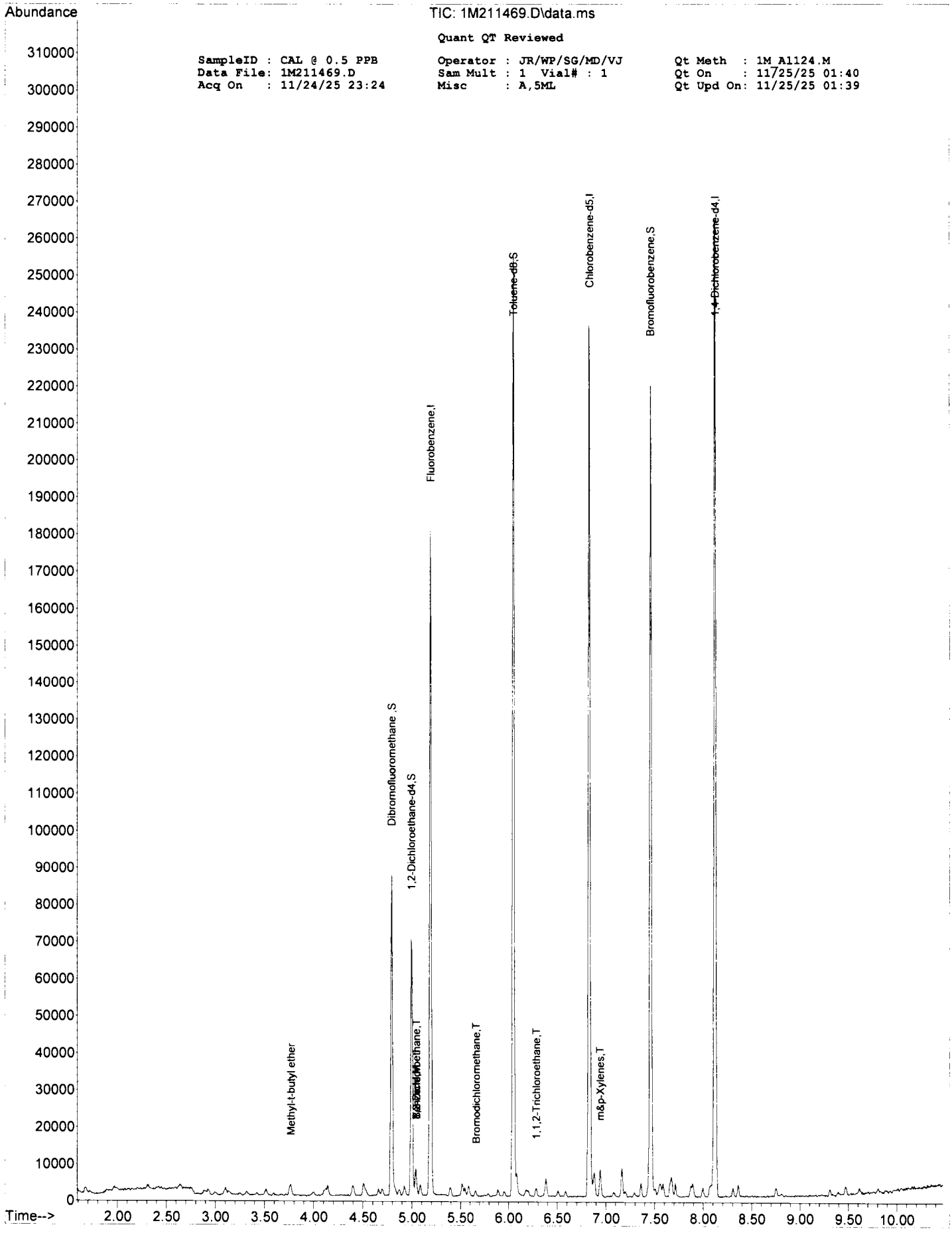
SampleID : CAL @ 0.5 PPB Operator : JR/WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211469.D Sam Mult : 1 Vial# : 1 Qt On : 11/25/25 01:40
Acq On : 11/24/25 23:24 Misc : A,5ML Qt Upd On: 11/25/25 01:39

Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Chlorobenzene	0.000		0	N.D. d		
70) n-Butyl acrylate	0.000		0	N.D. d		
71) n-Amyl acetate	0.000		0	N.D. d		
72) Bromoform	0.000		0	N.D. d		
73) Ethylbenzene	0.000		0	N.D. d		
74) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d		
76) Styrene	0.000		0	N.D. d		
77) m&p-Xylenes	6.940	106	1822	0.7027	ug/l	67
78) o-Xylene	0.000		0	N.D. d		
79) trans-1,4-Dichloro-2-b...	0.000		0	N.D. d		
80) 1,3-Dichlorobenzene	0.000		0	N.D. d		
81) 1,4-Dichlorobenzene	0.000		0	N.D. d		
82) 1,2-Dichlorobenzene	0.000		0	N.D. d		
83) Isopropylbenzene	0.000		0	N.D. d		
84) Cyclohexanone	0.000		0	N.D. d		
85) 1,2,3-Trichloropropane	0.000		0	N.D. d		
86) 2-Chlorotoluene	0.000		0	N.D. d		
87) 4-Chlorotoluene	0.000		0	N.D. d		
88) n-Propylbenzene	0.000		0	N.D. d		
89) Bromobenzene	0.000		0	N.D. d		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D. d		
91) Butyl methacrylate	0.000		0	N.D. d		
92) t-Butylbenzene	0.000		0	N.D. d		
93) 1,2,4-Trimethylbenzene	0.000		0	N.D. d		
94) sec-Butylbenzene	0.000		0	N.D. d		
95) 4-Isopropyltoluene	0.000		0	N.D. d		
96) n-Butylbenzene	0.000		0	N.D. d		
97) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d		
98) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D. d		
99) Hexachlorobutadiene	0.000		0	N.D. d		
100) 1,2,4-Trichlorobenzene	0.000		0	N.D. d		
101) 1,2,3-Trichlorobenzene	0.000		0	N.D. d		
102) Naphthalene	0.000		0	N.D. d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211469.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 1M211469.D
Acq On : 11/24/25 23:24
Operator : JR/WP/SG/MD/VJ
Sam Mult : 1 Vial# : 1
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 11/25/25 01:40
Qt Upd On: 11/25/25 01:39
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Methyl-t-butyl ether
Bromodichloromethane,T
1,1,2-Trichloroethane,T
m&p-Xylenes,T
Time-->

TxtDfile: 1M211494.D ICV FORM Date/Time: 11/25/25 07:34

Compound	bytCol Num:	bytMr Num:	Type	sngConc:	Exp Conc	Rec	Flag	sngLoLim:	sngHiLim:
Chlorodifluoromethane	1	0		19.5866	20	98		70	130
Dichlorodifluoromethane	1	0		22.7626	20	114		50	150
Chloromethane	1	0		23.5177	20	118		70	130
Bromomethane	1	0		22.1366	20	111		70	130
Vinyl Chloride	1	0		22.1494	20	111		70	130
Chloroethane	1	0		23.8442	20	119		70	130
Trichlorofluoromethane	1	0		23.7336	20	119		70	130
Ethyl ether	1	0		21.5616	20	108		70	130
Furan	1	0		21.6824	20	108		70	130
1.1.2-Trichloro-1.2.2-trifluoroethane	1	0		19.5181	20	98		70	130
Methylene Chloride	1	0		22.6111	20	113		70	130
Acrolein	1	0		93.5678	100	94		50	150
Acrylonitrile	1	0		21.2	20	106		50	150
Acetone	1	0		114.1147	100	114		50	150
Carbon Disulfide	1	0		23.9663	20	120		70	130
t-Butyl Alcohol	1	0		106.6982	100	107		50	150
n-Hexane	1	0		18.719	20	94		70	130
Di-isopropyl-ether	1	0		21.6369	20	108		70	130
1.1-Dichloroethene	1	0		24.0807	20	120		70	130
Methyl Acetate	1	0		22.327	20	112		70	130
Methyl-t-butyl ether	1	0		22.129	20	111		70	130
1.1-Dichloroethane	1	0		23.2727	20	116		70	130
trans-1.2-Dichloroethene	1	0		22.4424	20	112		70	130
Ethyl-t-butyl ether	1	0		22.4778	20	112		70	130
cis-1.2-Dichloroethene	1	0		22.5366	20	113		70	130
Bromochloromethane	1	0		22.1619	20	111		70	130
2.2-Dichloropropane	1	0		19.0709	20	95		70	130
Ethyl acetate	1	0		23.3165	20	117		70	130
1.4-Dioxane	1	0		1114.781	1000	111		70	130
1.1-Dichloropropene	1	0		23.224	20	116		70	130
Chloroform	1	0		23.1876	20	116		70	130
Cyclohexane	1	0		21.0021	20	105		70	130
1.2-Dichloroethane	1	0		23.2393	20	116		70	130
2-Butanone	1	0		22.1309	20	111		70	130
1.1.1-Trichloroethane	1	0		23.2878	20	116		70	130
Carbon Tetrachloride	1	0		23.6488	20	118		70	130
Vinyl Acetate	1	0		17.4827	20	87		70	130
Bromodichloromethane	1	0		23.4247	20	117		70	130
Methylcyclohexane	1	0		20.2265	20	101		70	130
Dibromomethane	1	0		22.4484	20	112		70	130
1.2-Dichloropropane	1	0		23.066	20	115		70	130
Trichloroethene	1	0		24.5695	20	123		70	130
Benzene	1	0		23.5862	20	118		70	130
Iso-propylacetate	1	0		23.8988	20	119		70	130
Methyl methacrylate	1	0		23.85	20	119		70	130
Dibromochloromethane	1	0		22.6284	20	113		70	130
2-Chloroethylvinylether	1	0		24.7615	20	124		70	130
cis-1.3-Dichloropropene	1	0		22.8507	20	114		70	130
trans-1.3-Dichloropropene	1	0		23.3692	20	117		70	130
Ethyl methacrylate	1	0		23.2115	20	116		70	130
1.1.2-Trichloroethane	1	0		23.4913	20	117		70	130
1.2-Dibromoethane	1	0		23.4968	20	117		70	130
1.3-Dichloropropane	1	0		23.6284	20	118		70	130
4-Methyl-2-Pentanone	1	0		23.9697	20	120		70	130
2-Hexanone	1	0		25.4696	20	127		70	130
Tetrachloroethene	1	0		23.4908	20	117		70	130
Toluene	1	0		23.017	20	115		70	130
1.1.1.2-Tetrachloroethane	1	0		23.9569	20	120		70	130
Chlorobenzene	1	0		22.5231	20	113		70	130
n-Butyl acrylate	1	0		22.7142	20	114		70	130
n-Amyl acetate	1	0		22.5923	20	113		70	130
Bromoform	1	0		22.1963	20	111		70	130
Ethylbenzene	1	0		23.6718	20	118		70	130
1.1.2.2-Tetrachloroethane	1	0		21.598	20	108		70	130
Styrene	1	0		23.2972	20	116		70	130
m&p-Xylenes	1	0		47.0044	40	118		70	130
o-Xylene	1	0		22.5293	20	113		70	130
trans-1.4-Dichloro-2-butene	1	0		20.4916	20	102		70	130
1.3-Dichlorobenzene	1	0		21.1237	20	106		70	130
1.4-Dichlorobenzene	1	0		22.3173	20	112		70	130
1.2-Dichlorobenzene	1	0		21.9908	20	110		70	130
Isopropylbenzene	1	0		22.2432	20	111		70	130
1.2.3-Trichloropropane	1	0		22.7144	20	114		70	130
2-Chlorotoluene	1	0		21.6049	20	108		70	130
4-Chlorotoluene	1	0		22.141	20	111		70	130
n-Propylbenzene	1	0		23.3561	20	117		70	130
Bromobenzene	1	0		23.6868	20	118		70	130
1.3.5-Trimethylbenzene	1	0		23.3942	20	117		70	130
Butyl methacrylate	1	0		23.7745	20	119		70	130
t-Butylbenzene	1	0		22.8411	20	114		70	130
1.2.4-Trimethylbenzene	1	0		22.0296	20	110		70	130
sec-Butylbenzene	1	0		21.92	20	110		70	130
4-Isopropyltoluene	1	0		22.0689	20	110		70	130
n-Butylbenzene	1	0		21.8183	20	109		70	130
1.2-Dibromo-3-Chloropropane	1	0		21.9952	20	110		70	130
Hexachlorobutadiene	1	0		20.6656	20	103		70	130
1.2.4-Trichlorobenzene	1	0		21.2794	20	106		70	130
1.2.3-Trichlorobenzene	1	0		21.3035	20	107		70	130
Naphthalene	1	0		21.7864	20	109		70	130

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 1M211754.D **Instrument:** GCMS 1

Cont Calibration Date/Time 12/2/2025 10:18:00 P Method: EPA 8260D

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	5.19	30.00	30	**			0.000	0.00	
Chlorodifluoromethane	1	0		1.73	16.50	20	20	0.1	0.401	0.331	17.52	
Dichlorodifluoromethane	1	0		1.71	21.27	20	20	0.1	0.477	0.508	6.33	
Chloromethane	1	0		1.90	22.25	20	20	0.1	0.388	0.431	11.23	
Bromomethane	1	0		2.32	19.25	20	20	0.1	0.366	0.353	3.76	
Vinyl Chloride	1	0		2.00	22.78	20	20	0.1	0.468	0.533	13.90	
Chloroethane	1	0		2.40	21.42	20	20	0.1	0.294	0.315	7.10	
Trichlorofluoromethane	1	0		2.64	24.67	20	20	0.1	0.824	1.016	23.35	C1
Ethyl ether	1	0		2.89	20.53	20	20	0.5	0.337	0.346	2.66	
Furan	1	0		2.92	21.54	20	20	0.5	0.472	0.508	7.68	
1,1,2-Trichloro-1,2,2-trifluoroetha	1	0		3.10	21.45	20	20	0.1	0.367	0.394	7.23	
Methylene Chloride	1	0		3.52	21.46	20	20	0.1	0.396	0.425	7.31	
Acrolein	1	0		3.00	113.07	100	20		0.074	0.083	13.07	
Acrylonitrile	1	0		3.71	19.91	20	20		0.204	0.203	0.47	
Acetone	1	0		3.14	110.37	100	20	0.1	0.161	0.177	10.37	
Carbon Disulfide	1	0		3.32	20.94	20	20	0.1	0.928	0.972	4.69	
t-Butyl Alcohol	1	0		3.59	105.51	100	20		0.060	0.063	5.51	
n-Hexane	1	0		4.00	20.95	20	20		0.321	0.336	4.77	
Di-isopropyl-ether	1	0		4.15	21.07	20	20		0.950	1.001	5.34	
1,1-Dichloroethene	1	0		3.11	21.37	20	20	0.1	0.506	0.541	6.84	
Methyl Acetate	1	0		3.42	20.39	20	20	0.1	0.356	0.363	1.96	
Methyl-t-butyl ether	1	0		3.76	20.79	20	20	0.1	1.119	1.163	3.94	
1,1-Dichloroethane	1	0		4.10	21.33	20	20	0.2	0.611	0.652	6.64	
trans-1,2-Dichloroethene	1	0		3.76	20.12	20	20	0.1	0.419	0.422	0.61	
Ethyl-t-butyl ether	1	0		4.40	20.43	20	20	0.5	1.081	1.105	2.17	
cis-1,2-Dichloroethene	1	0		4.51	21.00	20	20	0.1	0.622	0.653	4.98	
Bromochloromethane	1	0		4.66	21.99	20	20		0.282	0.310	9.93	
2,2-Dichloropropane	1	0		4.51	22.06	20	20		0.533	0.588	10.30	
Ethyl acetate	1	0		4.53	21.14	20	20		0.484	0.512	5.68	
1,4-Dioxane	1	0		5.58	1057.02	1000	20		0.009	0.010	5.70	
1,1-Dichloropropene	1	0		4.92	21.19	20	20		0.519	0.549	5.94	
Chloroform	1	0		4.70	21.40	20	20	0.2	0.716	0.767	7.01	
Dibromofluoromethane	1	0	S	4.79	30.94	30	**		0.298	0.308	3.14	
Cyclohexane	1	0		4.87	20.95	20	20	0.1	0.449	0.470	4.74	
1,2-Dichloroethane-d4	1	0	S	4.99	30.73	30	**		0.150	0.154	2.45	
1,2-Dichloroethane	1	0		5.04	21.31	20	20	0.1	0.562	0.599	6.56	
2-Butanone	1	0		4.50	19.39	20	20	0.1	0.248	0.240	3.04	
1,1,1-Trichloroethane	1	0		4.82	22.47	20	20	0.1	0.634	0.712	12.34	
Carbon Tetrachloride	1	0		4.93	22.31	20	20	0.1	0.547	0.610	11.53	
Vinyl Acetate	1	0		4.13	21.18	20	20		1.226	1.298	5.90	
Bromodichloromethane	1	0		5.66	21.73	20	20	0.2	0.531	0.577	8.65	
Methylcyclohexane	1	0		5.52	22.02	20	20	0.1	0.457	0.503	10.11	
Dibromomethane	1	0		5.59	20.83	20	20		0.378	0.394	4.13	
1,2-Dichloropropane	1	0		5.52	21.12	20	20	0.1	0.361	0.381	5.59	
Trichloroethene	1	0		5.40	21.05	20	20	0.2	0.481	0.507	5.27	
Benzene	1	0		5.04	21.68	20	20	0.5	1.466	1.589	8.41	
tert-Amyl methyl ether	1	0		5.09	20.77	20	20		1.071	1.112	3.83	
Chlorobenzene-d5	1	0	I	6.83	30.00	30	**			0.000	0.00	
Iso-propylacetate	1	0		5.04	21.44	20	20	0.5	0.788	0.845	7.20	
Methyl methacrylate	1	0		5.54	21.67	20	20	0.5	0.324	0.351	8.37	
Dibromochloromethane	1	0		6.51	21.55	20	20	0.1	0.487	0.525	7.76	
2-Chloroethylvinylether	1	0		5.79	20.46	20	20		0.133	0.136	2.30	

S-Surrogate Compound
N/O or N/Q - Not applicable for this run

I-Internal Standard Compound
C1-Compound %Diff exceeds limits

** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F.
624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.
524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 1M211754.D **Instrument:** GCMS 1

Cont Calibration Date/Time 12/2/2025 10:18:00 P Method: EPA 8260D

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
cis-1,3-Dichloropropene	1	0		5.89	22.70	20	20	0.2	0.559	0.634	13.51	
trans-1,3-Dichloropropene	1	0		6.18	21.18	20	20	0.1	0.537	0.569	5.89	
Ethyl methacrylate	1	0		6.20	21.19	20	20	0.5	0.328	0.348	5.97	
1,1,2-Trichloroethane	1	0		6.28	22.37	20	20	0.1	0.392	0.438	11.84	
1,2-Dibromoethane	1	0		6.59	21.36	20	20	0.1	0.459	0.491	6.78	
1,3-Dichloropropane	1	0		6.38	21.47	20	20		0.643	0.690	7.35	
4-Methyl-2-Pentanone	1	0		5.96	21.13	20	20	0.1	0.470	0.497	5.65	
2-Hexanone	1	0		6.39	21.97	20	20	0.1	0.343	0.377	9.84	
Tetrachloroethene	1	0		6.38	21.64	20	20	0.2	0.370	0.400	8.21	
Toluene-d8	1	0	S	6.05	30.75	30	**		1.054	1.080	2.49	
Toluene	1	0		6.09	21.59	20	20	0.4	0.958	1.034	7.96	
1,1,1,2-Tetrachloroethane	1	0		6.88	20.85	20	20		0.389	0.405	4.26	
Chlorobenzene	1	0		6.84	20.70	20	20	0.5	1.147	1.187	3.48	
1,4-Dichlorobenzene-d4	1	0	I	8.12	30.00	30	**			0.000	0.00	
n-Butyl acrylate	1	0		7.09	20.50	20	20	0.5	1.028	1.053	2.50	
n-Amyl acetate	1	0		7.20	22.11	20	20	0.5	0.894	0.989	10.57	
Bromoform	1	0		7.29	20.48	20	20	0.1	0.589	0.604	2.41	
Ethylbenzene	1	0		6.88	21.42	20	20	0.1	0.734	0.786	7.11	
1,1,2,2-Tetrachloroethane	1	0		7.51	20.50	20	20	0.1	0.932	0.955	2.50	
Bromofluorobenzene	1	0	S	7.46	29.99	30	**		0.809	0.809	0.03	
Styrene	1	0		7.17	21.19	20	20	0.3	1.778	1.884	5.97	
m&p-Xylenes	1	0		6.95	43.04	40	20	0.1	1.035	1.114	7.60	
o-Xylene	1	0		7.17	20.76	20	20	0.3	1.059	1.100	3.82	
trans-1,4-Dichloro-2-butene	1	0		7.53	21.90	20	20		0.216	0.236	9.49	
1,3-Dichlorobenzene	1	0		8.09	19.88	20	20	0.6	1.367	1.358	0.60	
1,4-Dichlorobenzene	1	0		8.13	20.25	20	20	0.5	1.354	1.371	1.26	
1,2-Dichlorobenzene	1	0		8.36	20.34	20	20	0.4	1.303	1.326	1.71	
Isopropylbenzene	1	0		7.36	20.24	20	20	0.1	2.520	2.549	1.18	
Cyclohexanone	1	0		7.43	140.36	100	20		0.145	0.204	40.36	C1
1,2,3-Trichloropropane	1	0		7.55	21.56	20	20		1.061	1.144	7.81	
2-Chlorotoluene	1	0		7.66	21.74	20	20		1.424	1.548	8.72	
4-Chlorotoluene	1	0		7.71	20.18	20	20		1.510	1.524	0.89	
n-Propylbenzene	1	0		7.59	21.44	20	20		2.646	2.836	7.18	
Bromobenzene	1	0		7.56	21.64	20	20		1.365	1.477	8.19	
1,3,5-Trimethylbenzene	1	0		7.68	20.91	20	20		1.960	2.049	4.57	
Butyl methacrylate	1	0		7.68	20.80	20	20	0.5	0.588	0.611	3.99	
t-Butylbenzene	1	0		7.87	20.10	20	20		2.011	2.021	0.50	
1,2,4-Trimethylbenzene	1	0		7.90	20.12	20	20		2.112	2.125	0.58	
sec-Butylbenzene	1	0		8.00	20.41	20	20		2.284	2.331	2.05	
4-Isopropyltoluene	1	0		8.07	20.71	20	20		2.005	2.076	3.54	
n-Butylbenzene	1	0		8.31	20.56	20	20		1.552	1.596	2.80	
1,2,4,5-Tetramethylbenzene	1	0		8.76	20.14	20	20		1.707	1.719	0.71	
1,2-Dibromo-3-Chloropropane	1	0		8.81	19.62	20	20	0.05	0.270	0.265	1.88	
Hexachlorobutadiene	1	0		9.40	20.90	20	20		0.314	0.328	4.50	
1,2,4-Trichlorobenzene	1	0		9.31	21.44	20	20	0.2	0.693	0.743	7.22	
1,2,3-Trichlorobenzene	1	0		9.62	21.74	20	20		0.623	0.678	8.72	
Naphthalene	1	0		9.47	21.91	20	20		2.042	2.238	9.56	
Camphor	1	100		0.00	0.00	200	20			0.000	0.00	
p-Ethyltoluene	1	100		0.00	0.00	20	20			0.000	0.00	
p-Diethylbenzene	1	100		0.00	0.00	20	20			0.000	0.00	
Iodomethane	1	100		0.00	0.00	20	20			0.000	0.00	
Camphene	1	100		0.00	0.00	20	20			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211754.D Sam Mult : 1 Vial# : 4 Qt On : 12/02/25 22:51
Acq On : 12/02/25 22:18 Misc : A,5ML Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	76927	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	77606	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	50481	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	23668	30.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.13%			
38) 1,2-Dichloroethane-d4	4.995	67	11857	30.73	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.43%			
65) Toluene-d8	6.050	98	83831	30.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.50%			
75) Bromofluorobenzene	7.458	174	40822	29.99	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.97%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.727	51	16952m	16.4957	ug/l	
6) Dichlorodifluoromethane	1.709	85	26029	21.2657	ug/l	88
7) Chloromethane	1.898	50	22107	22.2454	ug/l	84
8) Bromomethane	2.319	94	18083	19.2486	ug/l	95
9) Vinyl Chloride	1.996	62	27316	22.7797	ug/l	97
10) Chloroethane	2.404	64	16133	21.4192	ug/l	92
11) Trichlorofluoromethane	2.636	101	52098m	24.6708	ug/l	
12) Ethyl ether	2.892	59	17736	20.5311	ug/l	95
13) Furan	2.922	39	26051	21.5354	ug/l	92
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	20200	21.4467	ug/l	96
15) Methylene Chloride	3.520	84	21819	21.4623	ug/l	96
16) Acrolein	3.001	56	21404	113.0676	ug/l	96
17) Acrylonitrile	3.715	53	10411	19.9051	ug/l	99
18) Acetone	3.136	43	45481	110.3703	ug/l	82
19) Carbon Disulfide	3.318	76	49827	20.9370	ug/l	100
20) t-Butyl Alcohol	3.587	59	16250	105.5142	ug/l	77
21) n-Hexane	3.995	57	17249	20.9538	ug/l	95
22) Di-isopropyl-ether	4.148	45	51338	21.0676	ug/l	96
23) 1,1-Dichloroethene	3.105	61	27724	21.3686	ug/l	85
24) Methyl Acetate	3.416	43	18631	20.3927	ug/l	100
25) Methyl-t-butyl ether	3.763	73	59626	20.7871	ug/l	97
26) 1,1-Dichloroethane	4.105	63	33444	21.3289	ug/l	94
27) trans-1,2-Dichloroethene	3.763	96	21618	20.1213	ug/l	99
28) Ethyl-t-butyl ether	4.398	59	56657	20.4347	ug/l	97
29) cis-1,2-Dichloroethene	4.507	61	33497	20.9950	ug/l	90
30) Bromochloromethane	4.660	49	15878	21.9857	ug/l	78
31) 2,2-Dichloropropane	4.513	77	30145	22.0602	ug/l	89
32) Ethyl acetate	4.532	43	26235	21.1368	ug/l	99
33) 1,4-Dioxane	5.580	88	24944	1057.0241	ug/l	95
34) 1,1-Dichloropropene	4.922	75	28178	21.1882	ug/l	88
35) Chloroform	4.696	83	39314	21.4012	ug/l	97
37) Cyclohexane	4.873	56	24106	20.9480	ug/l	97
39) 1,2-Dichloroethane	5.044	62	30738	21.3112	ug/l	99
40) 2-Butanone	4.501	43	12330m	19.3916	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	36499	22.4687	ug/l	97
42) Carbon Tetrachloride	4.928	117	31261	22.3060	ug/l	100
43) Vinyl Acetate	4.129	43	66590	21.1798	ug/l	100
44) Bromodichloromethane	5.659	83	29568	21.7300	ug/l	99
45) Methylcyclohexane	5.519	83	25793	22.0219	ug/l	93
46) Dibromomethane	5.586	174	20186	20.8258	ug/l	92
47) 1,2-Dichloropropane	5.519	63	19558	21.1183	ug/l	97
48) Trichloroethene	5.397	130	25991	21.0538	ug/l	91
49) Benzene	5.044	78	81482	21.6827	ug/l	100
50) tert-Amyl methyl ether	5.086	73	57039	20.7652	ug/l	100
52) Iso-propylacetate	5.038	43	43709	21.4396	ug/l	96
53) Methyl methacrylate	5.544	41	18138	21.6739	ug/l	85
54) Dibromochloromethane	6.507	129	27167	21.5529	ug/l	97
55) 2-Chloroethylvinylether	5.794	63	7029	20.4606	ug/l	92
56) cis-1,3-Dichloropropene	5.891	75	32812	22.7029	ug/l	98
57) trans-1,3-Dichloropropene	6.178	75	29423	21.1780	ug/l	99
58) Ethyl methacrylate	6.196	41	17990	21.1939	ug/l	96
59) 1,1,2-Trichloroethane	6.281	97	22675	22.3678	ug/l	96
60) 1,2-Dibromoethane	6.586	107	25381	21.3561	ug/l	99
61) 1,3-Dichloropropane	6.379	76	35715	21.4697	ug/l	98
62) 4-Methyl-2-Pentanone	5.958	43	25689	21.1309	ug/l	94
63) 2-Hexanone	6.391	43	19517	21.9675	ug/l	100
64) Tetrachloroethene	6.385	164	20699	21.6412	ug/l	94
66) Toluene	6.086	92	53505	21.5929	ug/l	94
67) 1,1,1,2-Tetrachloroethane	6.879	133	20966	20.8516	ug/l	99

Quantitation Report (QT Reviewed)

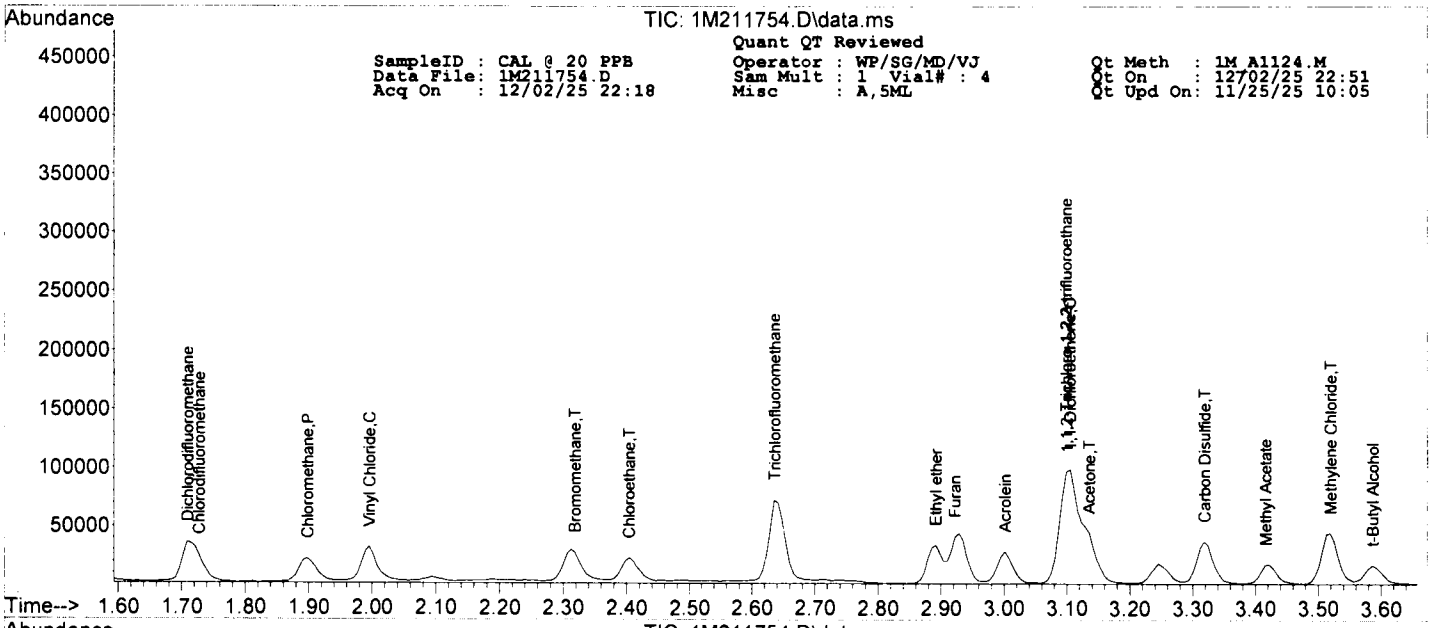
SampleID : CAL @ 20 PPB Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211754.D Sam Mult : 1 Vial# : 4 Qt On : 12/02/25 22:51
Acq On : 12/02/25 22:18 Misc : A,5ML Qt Upd On: 11/25/25 10:05

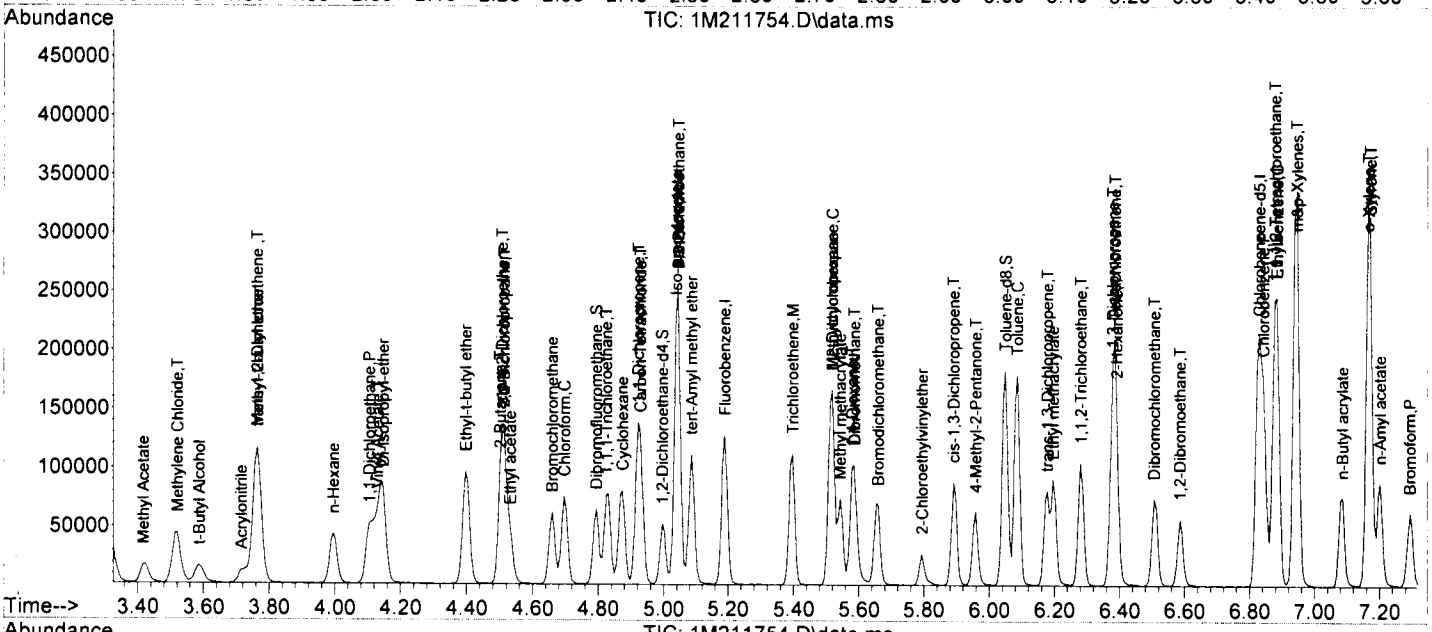
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

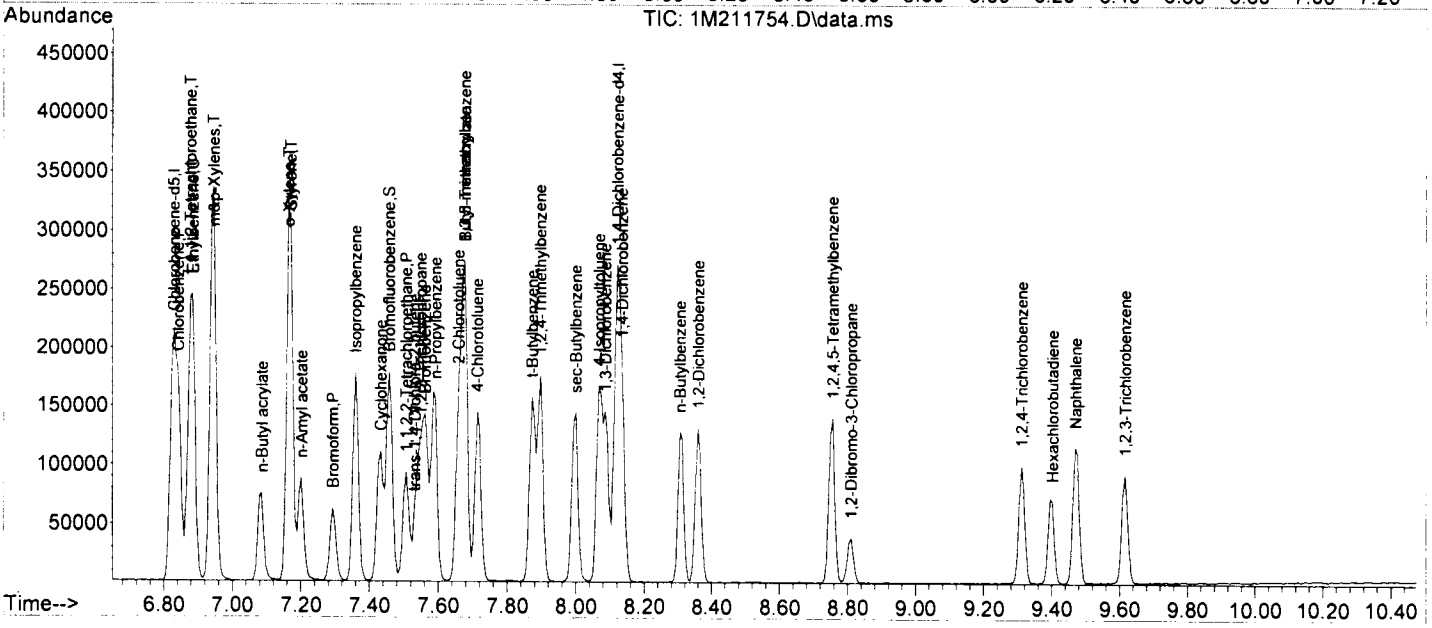
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	61404	20.6964	ug/l	94
70)	n-Butyl acrylate	7.086	55	35447	20.4990	ug/l	96
71)	n-Amyl acetate	7.202	43	33267	22.1135	ug/l	93
72)	Bromoform	7.293	173	20316	20.4817	ug/l	97
73)	Ethylbenzene	6.885	106	26444	21.4215	ug/l	95
74)	1,1,2,2-Tetrachloroethane	7.507	83	32148	20.4994	ug/l	94
76)	Styrene	7.171	104	63404	21.1944	ug/l	93
77)	m&p-Xylenes	6.946	106	74990	43.0383	ug/l	87
78)	o-Xylene	7.165	106	37012	20.7644	ug/l	93
79)	trans-1,4-Dichloro-2-b...	7.531	53	7949	21.8976	ug/l	71
80)	1,3-Dichlorobenzene	8.086	146	45714	19.8796	ug/l	91
81)	1,4-Dichlorobenzene	8.135	146	46139	20.2515	ug/l	94
82)	1,2-Dichlorobenzene	8.360	146	44611	20.3427	ug/l	91
83)	Isopropylbenzene	7.360	105	85793	20.2355	ug/l	97
84)	Cyclohexanone	7.434	55	34332	140.3558	ug/l	90
85)	1,2,3-Trichloropropane	7.549	75	38501	21.5617	ug/l	92
86)	2-Chlorotoluene	7.659	91	52087	21.7430	ug/l	98
87)	4-Chlorotoluene	7.714	91	51279	20.1782	ug/l	95
88)	n-Propylbenzene	7.592	91	95453	21.4367	ug/l	97
89)	Bromobenzene	7.562	77	49703	21.6374	ug/l	69
90)	1,3,5-Trimethylbenzene	7.677	105	68973	20.9136	ug/l	98
91)	Butyl methacrylate	7.677	41	20576	20.7984	ug/l	83
92)	t-Butylbenzene	7.872	119	68008	20.1006	ug/l	94
93)	1,2,4-Trimethylbenzene	7.897	105	71504	20.1165	ug/l	97
94)	sec-Butylbenzene	8.000	105	78444	20.4095	ug/l	97
95)	4-Isopropyltoluene	8.068	119	69871	20.7088	ug/l	97
96)	n-Butylbenzene	8.305	91	53702	20.5593	ug/l	90
97)	1,2,4,5-Tetramethylben...	8.756	119	57856	20.1410	ug/l	100
98)	1,2-Dibromo-3-Chloropr...	8.811	157	8920	19.6242	ug/l	75
99)	Hexachlorobutadiene	9.403	225	11052	20.9010	ug/l	98
100)	1,2,4-Trichlorobenzene	9.311	180	25001	21.4446	ug/l	97
101)	1,2,3-Trichlorobenzene	9.616	180	22803	21.7439	ug/l	96
102)	Naphthalene	9.470	128	75306	21.9118	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211754.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 1M211754.D
Acq On : 12/02/25 22:18
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 4
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 12/02/25 22:51
Qt Upd On: 11/25/25 10:05
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211754.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211754.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone,S
Bromofluorobenzene,S
2-Chlorotoluene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE **Data File:** 1M211467.D
Instrument: GCMS 1 **Analysis Date:** 11/24/25 22:50
Method: EPA 8260D

Tune Scan/Time Range: Average of 7.440 to 7.470 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	18.7	2692	PASS
75	95	30	60	51.9	7467	PASS
95	95	100	100	100.0	14376	PASS
96	95	5	9	6.7	969	PASS
173	174	0.00	2	1.0	149	PASS
174	95	50	100	99.1	14252	PASS
175	174	5	9	8.4	1193	PASS
176	174	95	101	98.5	14036	PASS
177	176	5	9	6.8	961	PASS

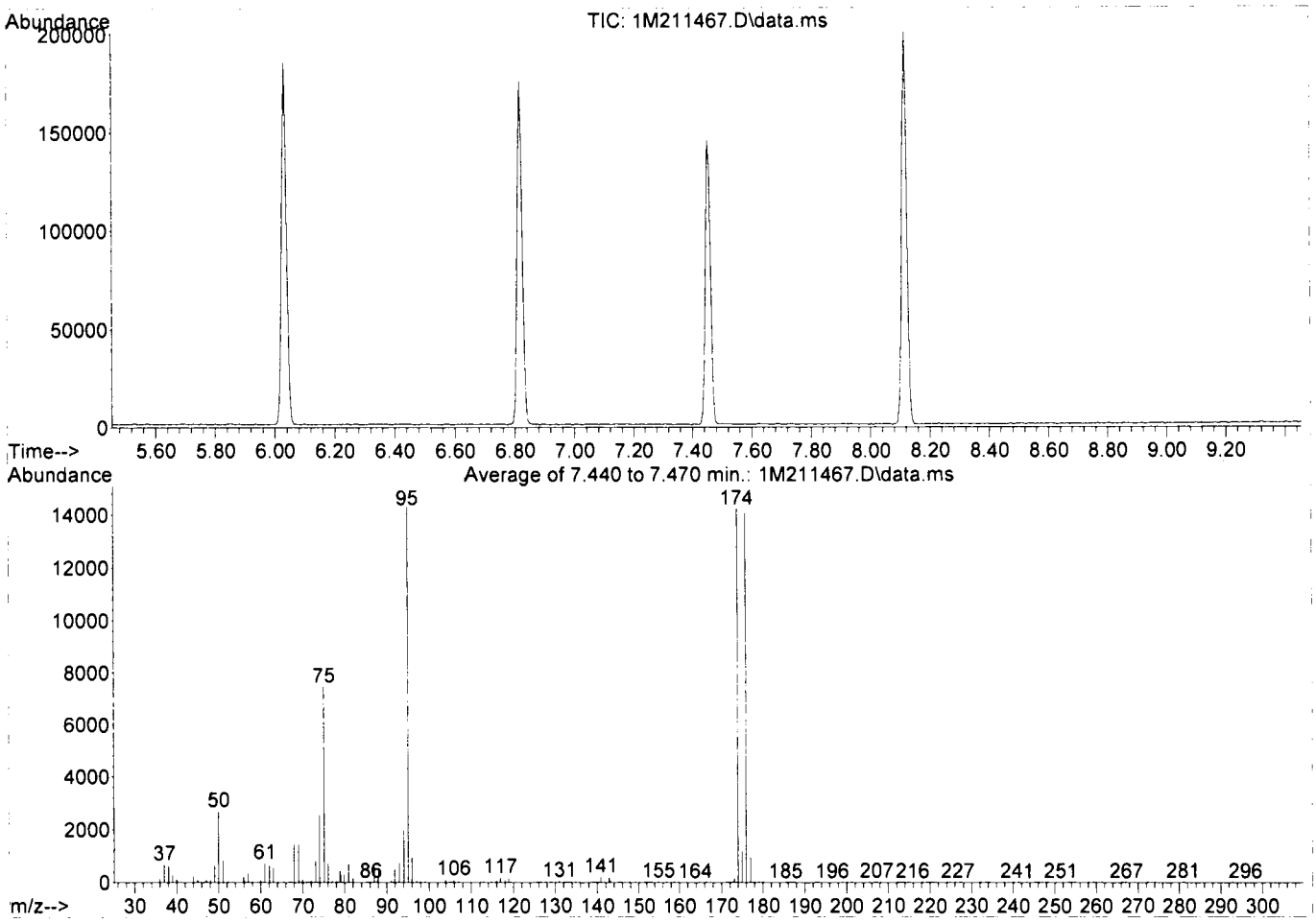
Data File	Sample Number	Analysis Date:
1M211469.D	CAL @ 0.5 PPB	11/24/25 23:24
1M211470.D	CAL @ 1 PPB	11/24/25 23:44
1M211471.D	CAL @ 5 PPB	11/25/25 00:03
1M211473.D	CAL @ 10 PPB	11/25/25 00:43
1M211475.D	CAL @ 20 PPB	11/25/25 01:22
1M211477.D	CAL @ 50 PPB	11/25/25 02:01
1M211480.D	CAL @ 100 PPB	11/25/25 03:00
1M211483.D	CAL @ 250 PPB	11/25/25 03:58
1M211487.D	CAL @ 500 PPB	11/25/25 05:17
1M211493.D	std	11/25/25 07:14
1M211494.D	ICV	11/25/25 07:34

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Data Path : G:\GcMsData\2025\GCMS_1\Data\11-2425\
Data File : 1M211467.D
Acq On : 24 Nov 2025 22:50
Operator : JR/WP/SG/MD/VJ
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 16 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2025\GCMS_6\MethodQt\6M_S1107.M
Title : @GCMS_6,ug,624,8260
Last Update : Mon Nov 10 14:12:49 2025



Spectrum Information: Average of 7.440 to 7.470 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.7	2692	PASS
75	95	30	60	51.9	7467	PASS
95	95	100	100	100.0	14376	PASS
96	95	5	9	6.7	969	PASS
173	174	0.00	2	1.0	149	PASS
174	95	50	100	99.1	14252	PASS
175	174	5	9	8.4	1193	PASS
176	174	95	101	98.5	14036	PASS
177	176	5	9	6.8	961	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 1M211751.D
Instrument: GCMS 1 **Analysis Date:** 12/02/25 21:23
Method: EPA 8260D

Tune Scan/Time Range: Average of 7.433 to 7.458 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.1	2304	PASS
75	95	30	60	52.5	6021	PASS
95	95	100	100	100.0	11461	PASS
96	95	5	9	7.4	845	PASS
173	174	0.00	2	1.5	163	PASS
174	95	50	100	96.8	11097	PASS
175	174	5	9	8.2	908	PASS
176	174	95	101	99.0	10985	PASS
177	176	5	9	7.2	796	PASS

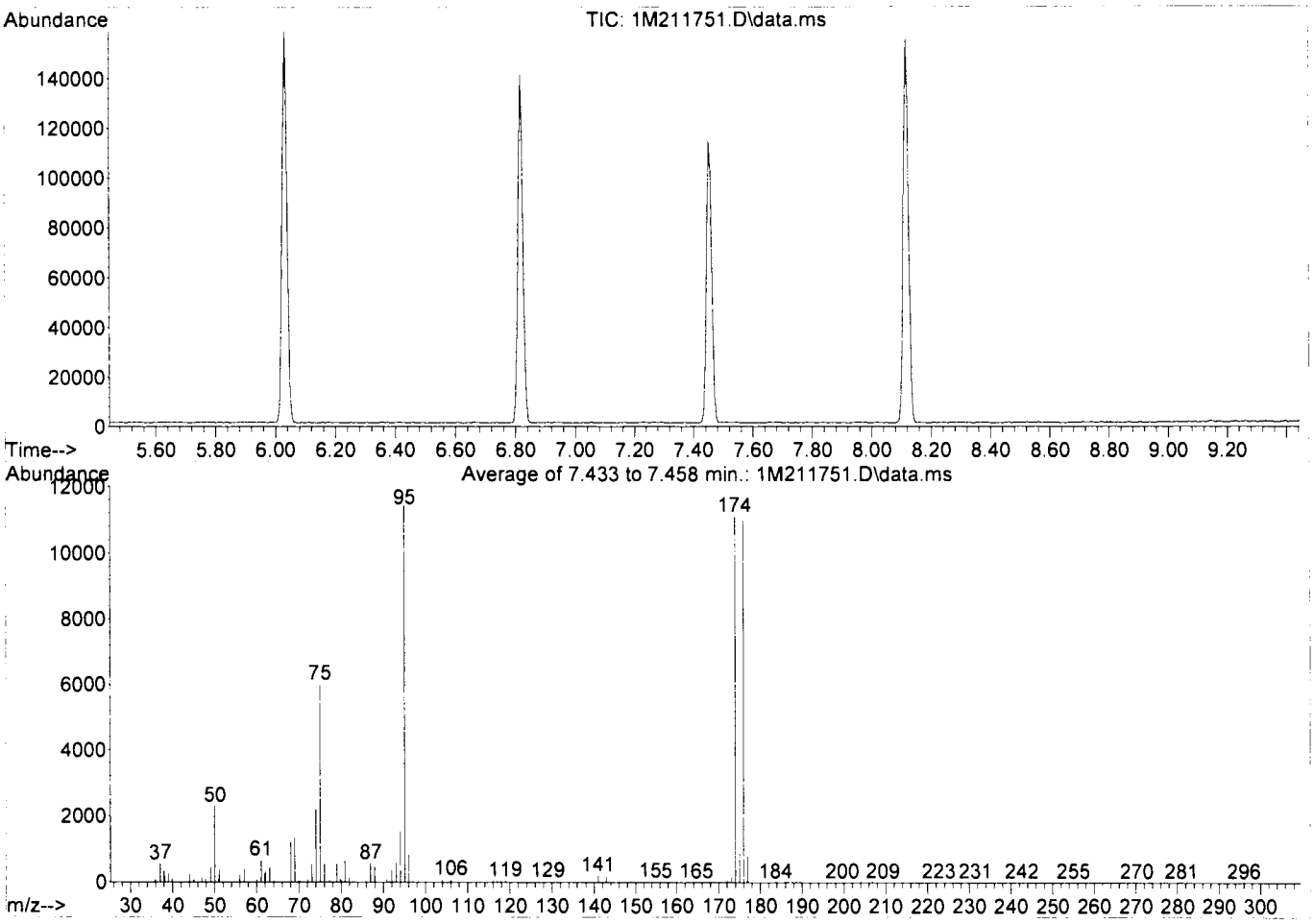
Data File	Sample Number	Analysis Date:
1M211753.D	20 PPB	12/02/25 21:58
1M211754.D	CAL @ 20 PPB	12/02/25 22:18
1M211756.D	DAILY BLANK	12/02/25 22:57
1M211757.D	DAILY BLANK	12/02/25 23:16
1M211758.D	AD56733-007	12/02/25 23:36
1M211759.D	AD56733-010	12/02/25 23:55
1M211760.D	AD56733-003	12/03/25 00:15
1M211761.D	MBS128430	12/03/25 00:35
1M211762.D	MBS128431	12/03/25 00:54
1M211763.D	AD56733-008(MS:	12/03/25 01:14
1M211764.D	AD56733-009(MSD	12/03/25 01:33
1M211765.D	AD56657-007(50X)	12/03/25 01:53
1M211766.D	AD56657-007(50X)	12/03/25 02:13
1M211767.D	AD56657-007(50X)	12/03/25 02:32
1M211768.D	AD56657-008(50X)	12/03/25 02:52
1M211769.D	AD56657-009(50X)	12/03/25 03:12
1M211770.D	AD56657-010(50X)	12/03/25 03:32
1M211771.D	AD56657-011(50X)	12/03/25 03:52
1M211772.D	AD56657-012(50X)	12/03/25 04:12
1M211773.D	AD56733-001	12/03/25 04:31
1M211774.D	AD56743-011	12/03/25 04:51
1M211775.D	AD56733-002	12/03/25 05:10
1M211776.D	AD56733-004	12/03/25 05:30
1M211777.D	AD56733-005	12/03/25 05:49
1M211778.D	AD56733-006	12/03/25 06:09
1M211779.D	AD56733-011	12/03/25 06:28
1M211780.D	AD56743-001	12/03/25 06:48
1M211781.D	AD56743-007	12/03/25 07:07
1M211782.D	56743-002	12/03/25 07:27
1M211783.D	56743-004	12/03/25 07:46
1M211784.D	STD	12/03/25 08:06

5112647 0176

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Data File : 1M211751.D
Acq On : 02 Dec 2025 21:23
Operator : WP/SG/MD/VJ
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2025\GCMS_1\MethodQt\1M_A1124.M
Title : @GCMS_1,ug,624,8260
Last Update : Tue Nov 25 10:04:26 2025



Spectrum Information: Average of 7.433 to 7.458 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.1	2304	PASS
75	95	30	60	52.5	6021	PASS
95	95	100	100	100.0	11461	PASS
96	95	5	9	7.4	845	PASS
173	174	0.00	2	1.5	163	PASS
174	95	50	100	96.8	11097	PASS
175	174	5	9	8.2	908	PASS
176	174	95	101	99.0	10985	PASS
177	176	5	9	7.2	796	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M211757.D
Analysis Date: 12/02/25 23:16
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	U	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

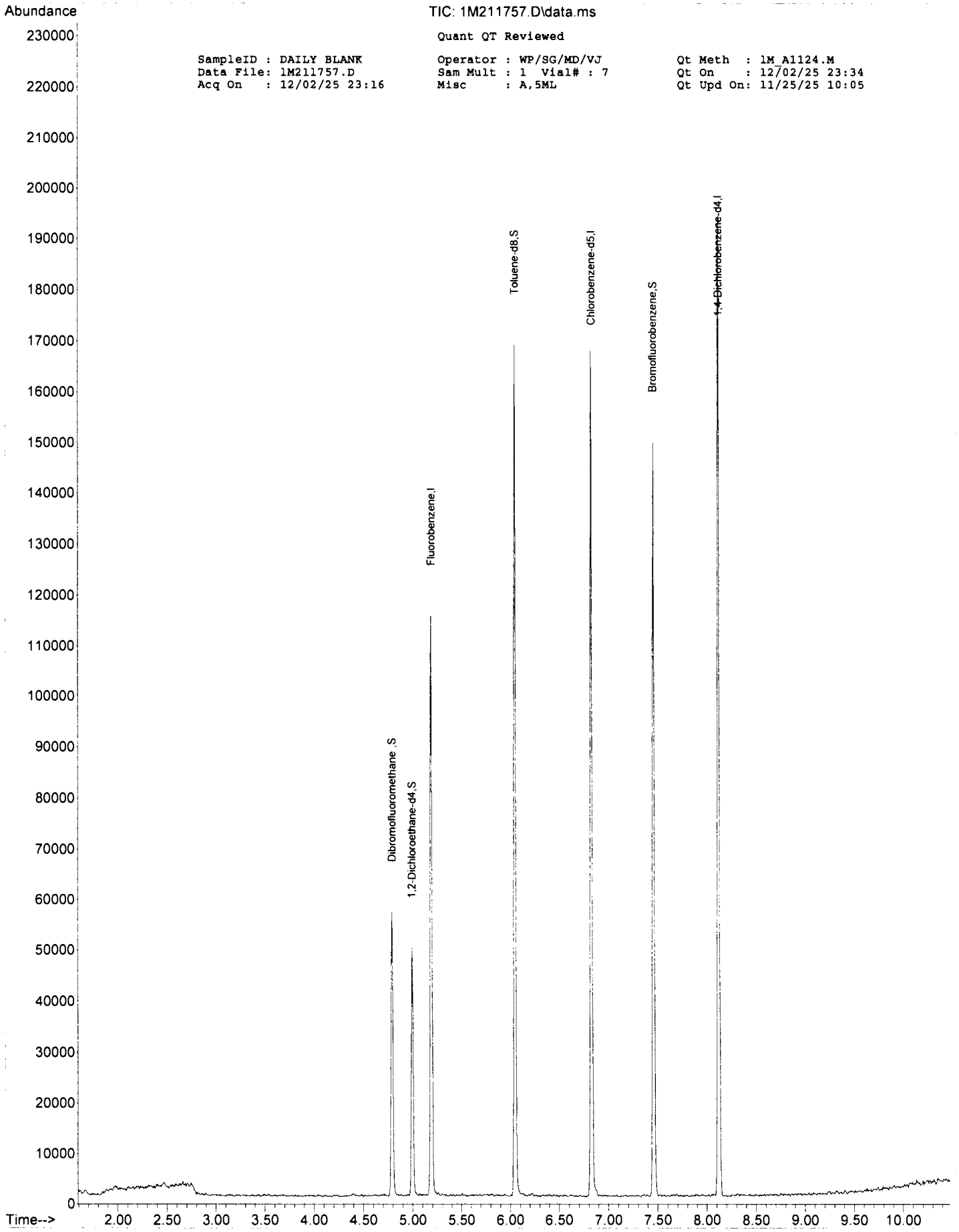
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211757.D Sam Mult : 1 Vial# : 7 Qt On : 12/02/25 23:34
Acq On : 12/02/25 23:16 Misc : A,5ML Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	67884	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	71963	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	41356	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	22147	32.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.37%			
38) 1,2-Dichloroethane-d4	4.995	67	11170	32.81	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.37%			
65) Toluene-d8	6.050	98	77914	30.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.73%			
75) Bromofluorobenzene	7.458	174	33277	29.84	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.47%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211757.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 1M211757.D
Acq On : 12/02/25 23:16
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 7
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 12/02/25 23:34
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211761.D	MBS128430	12/3/2025 12:35:00 AM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	10.4657	0	20	52	16	181
Dichlorodifluoromethane	1	14.124	0	20	71	10	202
Chloromethane	1	14.3452	0	20	72	10	182
Bromomethane	1	11.1025	0	20	56	10	172
Vinyl Chloride	1	15.4527	0	20	77	26	176
Chloroethane	1	18.1907	0	20	91	28	165
Trichlorofluoromethane	1	17.6597	0	20	88	18	178
Ethyl ether	1	14.6533	0	20	73	38	155
Furan	1	15.2319	0	20	76	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	13.0343	0	20	65	32	178
Methylene Chloride	1	14.3315	0	20	72	10	225
Acrolein	1	57.0008	0	100	57	10	183
Acrylonitrile	1	12.6504	0	20	63	40	164
Acetone	1	68.4391	0	100	68	10	237
Carbon Disulfide	1	15.5716	0	20	78	10	194
t-Butyl Alcohol	1	66.4522	0	100	66	21	185
n-Hexane	1	12.722	0	20	64	43	179
Di-isopropyl-ether	1	13.5886	0	20	68	47	159
1,1-Dichloroethene	1	15.2944	0	20	76	42	172
Methyl Acetate	1	13.4419	0	20	67	10	192
Methyl-t-butyl ether	1	14.1496	0	20	71	43	154
1,1-Dichloroethane	1	15.1178	0	20	76	48	160
trans-1,2-Dichloroethene	1	14.7886	0	20	74	37	171
Ethyl-t-butyl ether	1	14.1707	0	20	71	53	149
cis-1,2-Dichloroethene	1	14.4403	0	20	72	45	161
Bromochloromethane	1	15.1428	0	20	76	42	170
2,2-Dichloropropane	1	15.3583	0	20	77	33	173
Ethyl acetate	1	13.6503	0	20	68	38	156
1,4-Dioxane	1	698.6652	0	1000	70	18	186
1,1-Dichloropropene	1	14.3486	0	20	72	51	157
Chloroform	1	14.9384	0	20	75	47	157
Cyclohexane	1	13.2222	0	20	66	41	175
1,2-Dichloroethane	1	14.3148	0	20	72	43	154
2-Butanone	1	16.8834	0	20	84	20	188
1,1,1-Trichloroethane	1	15.0529	0	20	75	49	155
Carbon Tetrachloride	1	16.0219	0	20	80	47	159
Vinyl Acetate	1	13.6795	0	20	68	31	160
Bromodichloromethane	1	14.8684	0	20	74	48	152
Methylcyclohexane	1	13.6265	0	20	68	47	167
Dibromomethane	1	14.2825	0	20	71	47	153
1,2-Dichloropropane	1	14.1989	0	20	71	53	153
Trichloroethene	1	15.0696	0	20	75	45	165
Benzene	1	15.1423	0	20	76	41	163
tert-Amyl methyl ether	1	14.2565	0	20	71	51	146
Iso-propylacetate	1	13.6786	0	20	68	37	153
Methyl methacrylate	1	15.0228	0	20	75	40	160
Dibromochloromethane	1	14.1071	0	20	71	50	144
2-Chloroethylvinylether	1	14.2065	0	20	71	10	201
cis-1,3-Dichloropropene	1	14.3926	0	20	72	49	146
trans-1,3-Dichloropropene	1	14.2364	0	20	71	48	144
Ethyl methacrylate	1	14.318	0	20	72	38	160
1,1,2-Trichloroethane	1	15.2892	0	20	76	52	146
1,2-Dibromoethane	1	14.31	0	20	72	55	140
1,3-Dichloropropane	1	13.9626	0	20	70	54	142
4-Methyl-2-Pentanone	1	15.038	0	20	75	41	158
2-Hexanone	1	14.8934	0	20	74	39	163
Tetrachloroethene	1	14.2639	0	20	71	48	162
Toluene	1	14.5293	0	20	73	49	153
1,1,1,2-Tetrachloroethane	1	14.8462	0	20	74	51	140
Chlorobenzene	1	13.8467	0	20	69	43	155
n-Butyl acrylate	1	13.9809	0	20	70	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	14.8861	0	20	74	20	182
Bromoform	1	13.7601	0	20	69	47	137
Ethylbenzene	1	14.9127	0	20	75	41	153
1,1,2,2-Tetrachloroethane	1	13.4918	0	20	67	36	152
Styrene	1	14.815	0	20	74	34	170
m&p-Xylenes	1	29.4493	0	40	74	16	184
o-Xylene	1	14.1389	0	20	71	31	166
trans-1,4-Dichloro-2-butene	1	12.6114	0	20	63	10	154
1,3-Dichlorobenzene	1	13.5478	0	20	68	46	147
1,4-Dichlorobenzene	1	14.1084	0	20	71	37	156
1,2-Dichlorobenzene	1	13.9048	0	20	70	42	150
Isopropylbenzene	1	14.2367	0	20	71	32	174
Cyclohexanone	1	33.9814	0	100	34	10	254
1,2,3-Trichloropropane	1	13.3649	0	20	67	20	164
2-Chlorotoluene	1	14.3054	0	20	72	43	153
4-Chlorotoluene	1	14.2472	0	20	71	34	160
n-Propylbenzene	1	14.8366	0	20	74	30	176
Bromobenzene	1	13.9535	0	20	70	44	142
1,3,5-Trimethylbenzene	1	14.5215	0	20	73	37	165
Butyl methacrylate	1	15.2447	0	20	76	30	169
t-Butylbenzene	1	13.7297	0	20	69	48	162
1,2,4-Trimethylbenzene	1	13.675	0	20	68	38	162
sec-Butylbenzene	1	14.0224	0	20	70	42	164
4-Isopropyltoluene	1	14.3387	0	20	72	40	162
n-Butylbenzene	1	14.5144	0	20	73	30	176
1,2,4,5-Tetramethylbenzene	1	14.4466	0	20	72	18	177
1,2-Dibromo-3-Chloropropane	1	12.369	0	20	62	32	154
Hexachlorobutadiene	1	13.9857	0	20	70	23	181
1,2,4-Trichlorobenzene	1	14.7975	0	20	74	28	169
1,2,3-Trichlorobenzene	1	14.9242	0	20	75	30	172
Naphthalene	1	15.5128	0	20	78	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Quantitation Report (QT Reviewed)

SampleID : MBS
Data File: 1M211761.D
Acq On : 12/03/25 00:35

Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 9
Misc : A,5ML

Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	96116	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	100878	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.123	152	64540	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	30033	31.42	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.73%			
38) 1,2-Dichloroethane-d4	4.995	67	15190	31.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.03%			
65) Toluene-d8	6.050	98	108492	30.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.03%			
75) Bromofluorobenzene	7.458	174	51037	29.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.77%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.727	51	13438m	10.4657	ug/l	
6) Dichlorodifluoromethane	1.709	85	21600	14.1240	ug/l	100
7) Chloromethane	1.898	50	17812	14.3452	ug/l	91
8) Bromomethane	2.313	94	13032	11.1025	ug/l	90
9) Vinyl Chloride	1.990	62	23152	15.4527	ug/l	97
10) Chloroethane	2.404	64	17119	18.1907	ug/l	99
11) Trichlorofluoromethane	2.642	101	46595	17.6597	ug/l	94
12) Ethyl ether	2.886	59	15816	14.6533	ug/l	99
13) Furan	2.922	39	23022	15.2319	ug/l	96
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	15339	13.0343	ug/l	98
15) Methylene Chloride	3.520	84	18204	14.3315	ug/l	94
16) Acrolein	3.002	56	13482	57.0008	ug/l	96
17) Acrylonitrile	3.715	53	8267	12.6504	ug/l	94
18) Acetone	3.130	43	35237	68.4391	ug/l	75
19) Carbon Disulfide	3.319	76	46302	15.5716	ug/l	100
20) t-Butyl Alcohol	3.587	59	12787	66.4522	ug/l	86
21) n-Hexane	3.995	57	13085	12.7220	ug/l	97
22) Di-isopropyl-ether	4.142	45	41373	13.5886	ug/l	98
23) 1,1-Dichloroethene	3.099	61	24793	15.2944	ug/l	86
24) Methyl Acetate	3.416	43	15344	13.4419	ug/l	100
25) Methyl-t-butyl ether	3.758	73	50711	14.1496	ug/l	98
26) 1,1-Dichloroethane	4.105	63	29618	15.1178	ug/l	92
27) trans-1,2-Dichloroethene	3.764	96	19852	14.7886	ug/l	95
28) Ethyl-t-butyl ether	4.398	59	49090	14.1707	ug/l	97
29) cis-1,2-Dichloroethene	4.507	61	28786	14.4403	ug/l	85
30) Bromochloromethane	4.660	49	13664	15.1428	ug/l	75
31) 2,2-Dichloropropane	4.514	77	26222	15.3583	ug/l	91
32) Ethyl acetate	4.532	43	21169	13.6503	ug/l	96
33) 1,4-Dioxane	5.580	88	20600	698.6652	ug/l	86
34) 1,1-Dichloropropene	4.922	75	23842	14.3486	ug/l	91
35) Chloroform	4.696	83	34287	14.9384	ug/l	98
37) Cyclohexane	4.873	56	19011	13.2222	ug/l	94
39) 1,2-Dichloroethane	5.038	62	25797	14.3148	ug/l	90
40) 2-Butanone	4.501	43	13413m	16.8834	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	30552	15.0529	ug/l	94
42) Carbon Tetrachloride	4.928	117	28055	16.0219	ug/l	94
43) Vinyl Acetate	4.123	43	53737	13.6795	ug/l	100
44) Bromodichloromethane	5.654	83	25278	14.8684	ug/l	100
45) Methylcyclohexane	5.513	83	19941	13.6265	ug/l	98
46) Dibromomethane	5.586	174	17297	14.2825	ug/l	94
47) 1,2-Dichloropropane	5.519	63	16430	14.1989	ug/l	97
48) Trichloroethene	5.398	130	23244	15.0696	ug/l	91
49) Benzene	5.044	78	71098	15.1423	ug/l	100
50) tert-Amyl methyl ether	5.087	73	48929	14.2565	ug/l	99
52) Iso-propylacetate	5.038	43	36249	13.6786	ug/l	96
53) Methyl methacrylate	5.544	41	16342m	15.0228	ug/l	
54) Dibromochloromethane	6.507	129	23114	14.1071	ug/l	99
55) 2-Chloroethylvinylether	5.794	63	6344	14.2065	ug/l	96
56) cis-1,3-Dichloropropene	5.891	75	27039	14.3926	ug/l	96
57) trans-1,3-Dichloropropene	6.178	75	25710	14.2364	ug/l	96
58) Ethyl methacrylate	6.196	41	15798	14.3180	ug/l	95
59) 1,1,2-Trichloroethane	6.281	97	20147	15.2892	ug/l	96
60) 1,2-Dibromoethane	6.586	107	22107	14.3100	ug/l	95
61) 1,3-Dichloropropane	6.379	76	30192	13.9626	ug/l	96
62) 4-Methyl-2-Pentanone	5.958	43	23764	15.0380	ug/l	93
63) 2-Hexanone	6.391	43	17200	14.8934	ug/l	93
64) Tetrachloroethene	6.385	164	17734	14.2639	ug/l	97
66) Toluene	6.086	92	46798	14.5293	ug/l	96
67) 1,1,1,2-Tetrachloroethane	6.873	133	19404	14.8462	ug/l	97

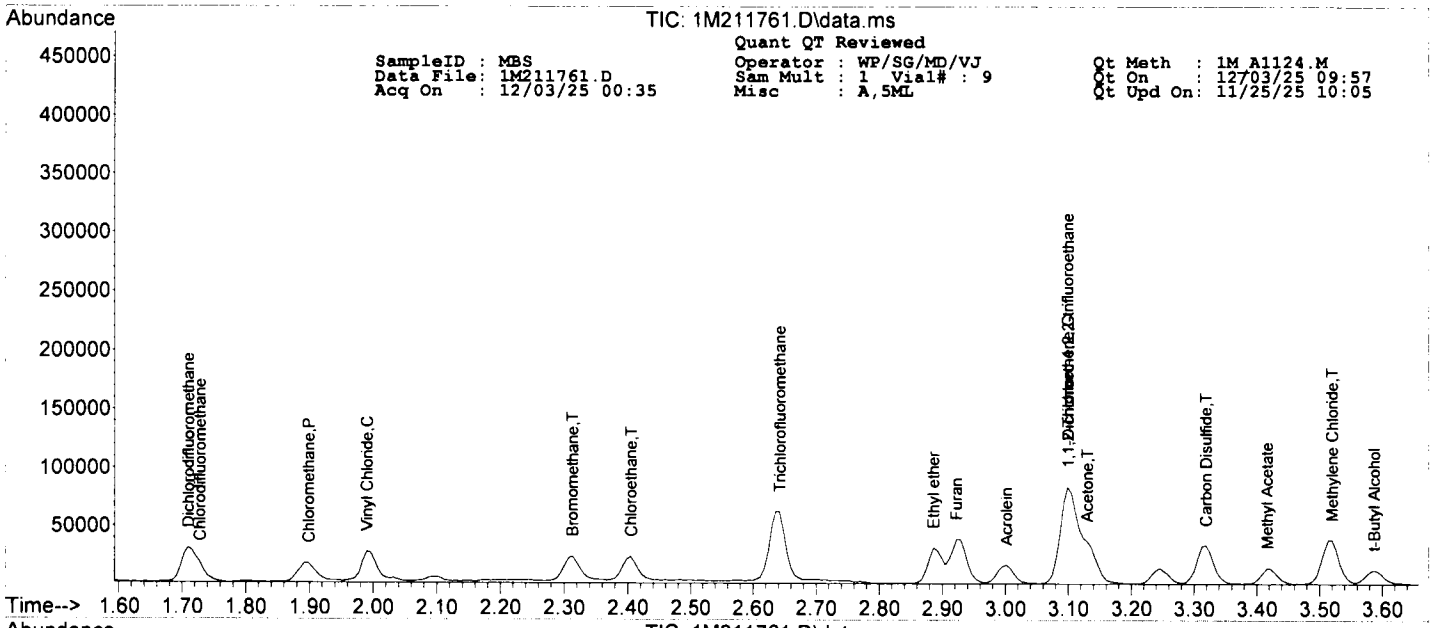
Quantitation Report (QT Reviewed)

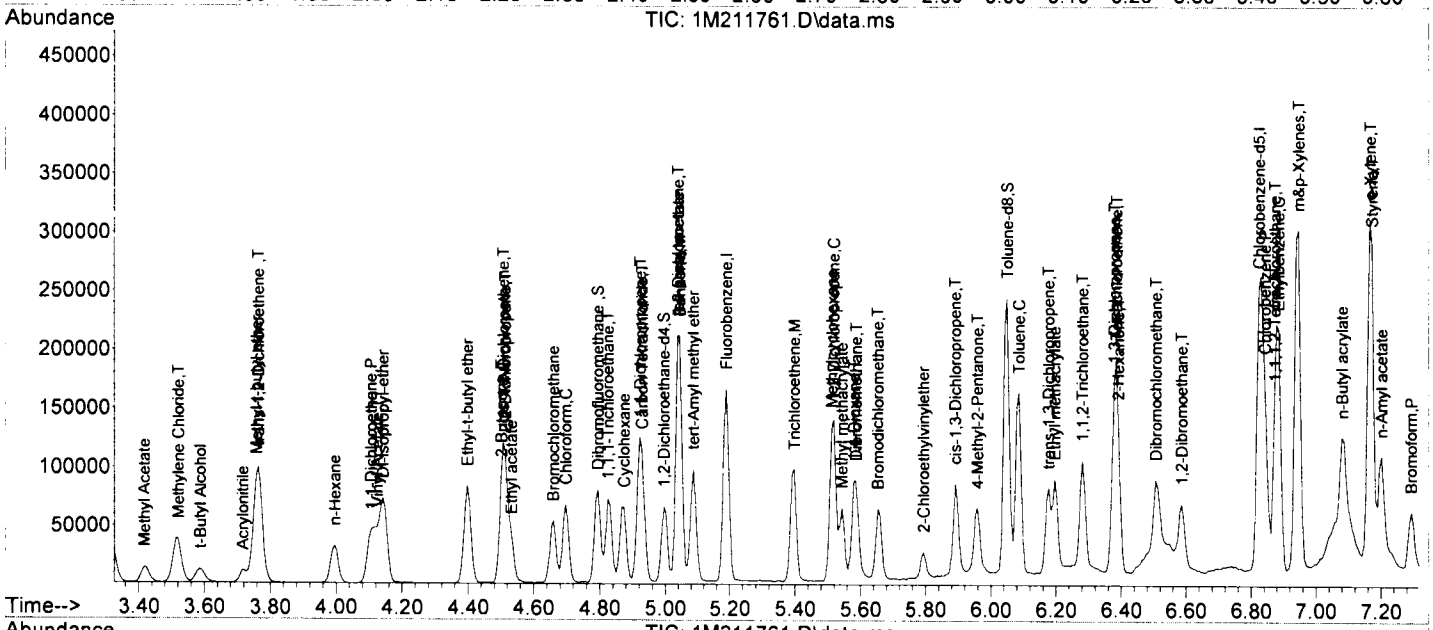
SampleID : MBS
Data File: 1M211761.D
Acq On : 12/03/25 00:35
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05

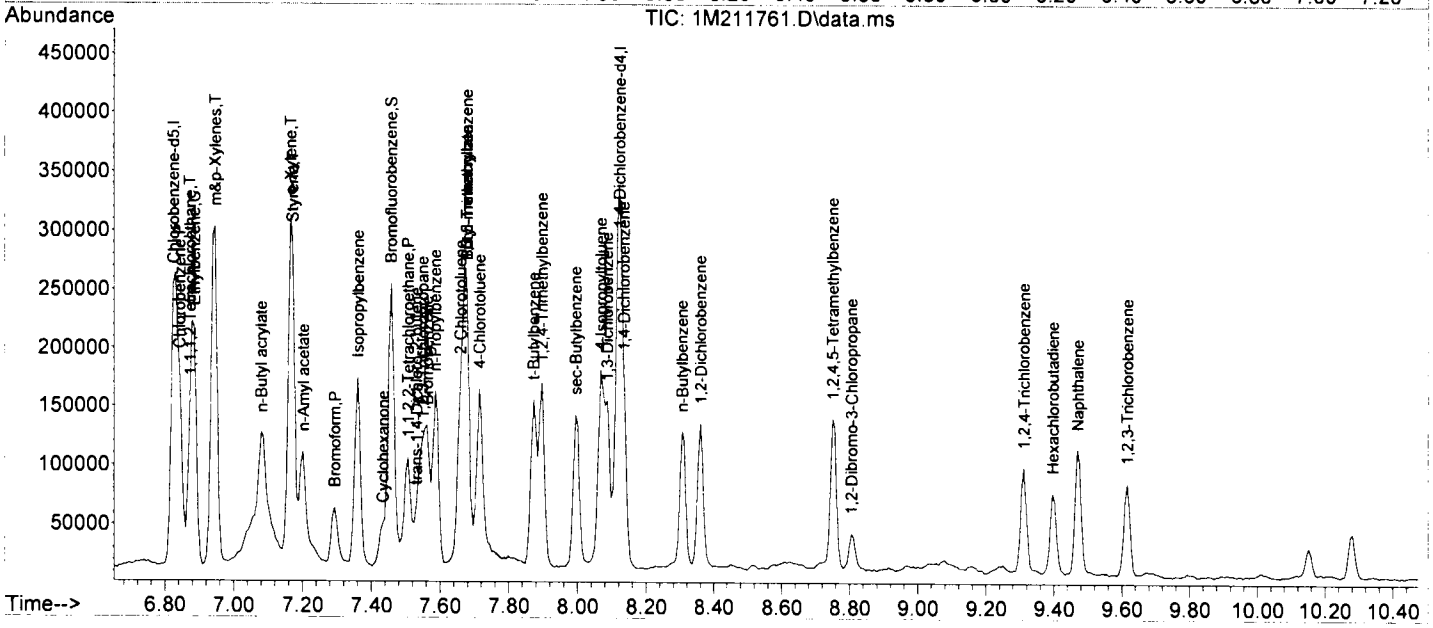
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Chlorobenzene	6.842	112	53401	13.8467	ug/l	100
70) n-Butyl acrylate	7.080	55	30909	13.9809	ug/l	94
71) n-Amyl acetate	7.202	43	28631	14.8861	ug/l	98
72) Bromoform	7.293	173	17450	13.7601	ug/l	93
73) Ethylbenzene	6.885	106	23536	14.9127	ug/l	89
74) 1,1,2,2-Tetrachloroethane	7.507	83	27051	13.4918	ug/l	92
76) Styrene	7.172	104	56663	14.8150	ug/l	93
77) m&p-Xylenes	6.946	106	65603	29.4493	ug/l	89
78) o-Xylene	7.165	106	32221	14.1389	ug/l	95
79) trans-1,4-Dichloro-2-b...	7.531	53	5853	12.6114	ug/l	75
80) 1,3-Dichlorobenzene	8.086	146	39830	13.5478	ug/l	91
81) 1,4-Dichlorobenzene	8.135	146	41095	14.1084	ug/l	93
82) 1,2-Dichlorobenzene	8.360	146	38985	13.9048	ug/l	93
83) Isopropylbenzene	7.361	105	77170	14.2367	ug/l	97
84) Cyclohexanone	7.434	55	10627	33.9814	ug/l	93
85) 1,2,3-Trichloropropane	7.550	75	30511	13.3649	ug/l	87
86) 2-Chlorotoluene	7.659	91	43814	14.3054	ug/l	97
87) 4-Chlorotoluene	7.714	91	46290	14.2472	ug/l	96
88) n-Propylbenzene	7.586	91	84463	14.8366	ug/l	97
89) Bromobenzene	7.562	77	40979	13.9535	ug/l	66
90) 1,3,5-Trimethylbenzene	7.678	105	61230	14.5215	ug/l	98
91) Butyl methacrylate	7.678	41	19282	15.2447	ug/l	79
92) t-Butylbenzene	7.873	119	59390	13.7297	ug/l	91
93) 1,2,4-Trimethylbenzene	7.897	105	62145	13.6750	ug/l	96
94) sec-Butylbenzene	7.995	105	68905	14.0224	ug/l	96
95) 4-Isopropyltoluene	8.068	119	61852	14.3387	ug/l	97
96) n-Butylbenzene	8.305	91	48471	14.5144	ug/l	91
97) 1,2,4,5-Tetramethylben...	8.751	119	53056	14.4466	ug/l	95
98) 1,2-Dibromo-3-Chloropr...	8.805	157	7188	12.3690	ug/l	75
99) Hexachlorobutadiene	9.397	225	9455	13.9857	ug/l	98
100) 1,2,4-Trichlorobenzene	9.311	180	22056	14.7975	ug/l	96
101) 1,2,3-Trichlorobenzene	9.616	180	20010	14.9242	ug/l	95
102) Naphthalene	9.470	128	68162	15.5128	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211761.D\data.ms
Quant QT Reviewed
SampleID : MBS
Data File: 1M211761.D
Acq On : 12/03/25 00:35
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 9
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211761.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211761.D\data.ms
Bromofluorobenzene,S
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211765.D	AD56657-007(50X)(T:MS)	12/3/2025 1:53:00 AM
Non Spike(If applicable):	1M211767.D	AD56657-007(50X)(T)	12/3/2025 2:32:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	0	0	20	0*	16	181
Dichlorodifluoromethane	1	0	0	20	0*	10	202
Chloromethane	1	0	0	20	0*	10	182
Bromomethane	1	0	0	20	0*	10	172
Vinyl Chloride	1	0	0	20	0*	26	176
Chloroethane	1	0	0	20	0*	28	165
Trichlorofluoromethane	1	0	0	20	0*	18	178
Ethyl ether	1	0	0	20	0*	38	155
Furan	1	0	0	20	0*	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0	0	20	0*	32	178
Methylene Chloride	1	0	0	20	0*	10	225
Acrolein	1	0	0	100	0*	10	183
Acrylonitrile	1	0	0	20	0*	40	164
Acetone	1	0	0	100	0*	10	237
Carbon Disulfide	1	0	0	20	0*	10	194
t-Butyl Alcohol	1	0	0	100	0*	21	185
n-Hexane	1	0	0	20	0*	43	179
Di-isopropyl-ether	1	0	0	20	0*	47	159
1,1-Dichloroethene	1	0	0	20	0*	42	172
Methyl Acetate	1	0	0	20	0*	10	192
Methyl-t-butyl ether	1	0	0	20	0*	43	154
1,1-Dichloroethane	1	0	0	20	0*	48	160
trans-1,2-Dichloroethene	1	0	0	20	0*	37	171
Ethyl-t-butyl ether	1	0	0	20	0*	53	149
cis-1,2-Dichloroethene	1	0	0	20	0*	45	161
Bromochloromethane	1	0	0	20	0*	42	170
2,2-Dichloropropane	1	0	0	20	0*	33	173
Ethyl acetate	1	0	0	20	0*	38	156
1,4-Dioxane	1	0	0	1000	0*	18	186
1,1-Dichloropropene	1	0	0	20	0*	51	157
Chloroform	1	0	0	20	0*	47	157
Cyclohexane	1	0	0	20	0*	41	175
1,2-Dichloroethane	1	0	0	20	0*	43	154
2-Butanone	1	0	0	20	0*	20	188
1,1,1-Trichloroethane	1	0	0	20	0*	49	155
Carbon Tetrachloride	1	0	0	20	0*	47	159
Vinyl Acetate	1	0	0	20	0*	31	160
Bromodichloromethane	1	0	0	20	0*	48	152
Methylcyclohexane	1	0	0	20	0*	47	167
Dibromomethane	1	0	0	20	0*	47	153
1,2-Dichloropropane	1	0	0	20	0*	53	153
Trichloroethene	1	0	0	20	0*	45	165
Benzene	1	0	0	20	0*	41	163
tert-Amyl methyl ether	1	0	0	20	0*	51	146
Iso-propylacetate	1	0	0	20	0*	37	153
Methyl methacrylate	1	0	0	20	0*	40	160
Dibromochloromethane	1	0	0	20	0*	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	0	0	20	0*	49	146
trans-1,3-Dichloropropene	1	0	0	20	0*	48	144
Ethyl methacrylate	1	0	0	20	0*	38	160
1,1,2-Trichloroethane	1	0	0	20	0*	52	146
1,2-Dibromoethane	1	0	0	20	0*	55	140
1,3-Dichloropropane	1	0	0	20	0*	54	142
4-Methyl-2-Pentanone	1	0	0	20	0*	41	158
2-Hexanone	1	0	0	20	0*	39	163
Tetrachloroethene	1	0	0	20	0*	48	156
Toluene	1	0	0	20	0*	49	153
1,1,1,2-Tetrachloroethane	1	0	0	20	0*	51	140
Chlorobenzene	1	0	0	20	0*	43	155
n-Butyl acrylate	1	0	0	20	0*	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	0	0	20	0*	20	182
Bromoform	**1**	**0**	**0**	**20**	**0***	**47**	**137**
Ethylbenzene	**1**	**0**	**0**	**20**	**0***	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**0**	**0**	**20**	**0***	**36**	**152**
Styrene	**1**	**0**	**0**	**20**	**0***	**34**	**170**
m&p-Xylenes	**1**	**0**	**0**	**40**	**0***	**16**	**184**
o-Xylene	**1**	**0**	**0**	**20**	**0***	**31**	**166**
trans-1,4-Dichloro-2-butene	1	0	0	20	0*	10	154
1,3-Dichlorobenzene	**1**	**0**	**0**	**20**	**0***	**46**	**147**
1,4-Dichlorobenzene	**1**	**0**	**0**	**20**	**0***	**37**	**156**
1,2-Dichlorobenzene	**1**	**0**	**0**	**20**	**0***	**42**	**150**
Isopropylbenzene	**1**	**0**	**0**	**20**	**0***	**32**	**174**
Cyclohexanone	1	0	0	100	0*	10	254
1,2,3-Trichloropropane	1	0	0	20	0*	20	164
2-Chlorotoluene	1	0	0	20	0*	43	153
4-Chlorotoluene	1	0	0	20	0*	34	160
n-Propylbenzene	1	0	0	20	0*	36	170
Bromobenzene	1	0	0	20	0*	44	142
1,3,5-Trimethylbenzene	1	0	0	20	0*	37	165
Butyl methacrylate	1	0	0	20	0*	30	169
t-Butylbenzene	1	0	0	20	0*	48	152
1,2,4-Trimethylbenzene	1	0	0	20	0*	38	162
sec-Butylbenzene	1	0	0	20	0*	42	164
4-Isopropyltoluene	1	0	0	20	0*	40	162
n-Butylbenzene	1	0	0	20	0*	30	176
1,2,4,5-Tetramethylbenzene	1	0	0	20	0*	18	177
1,2-Dibromo-3-Chloropropane	**1**	**0**	**0**	**20**	**0***	**32**	**154**
Hexachlorobutadiene	1	0	0	20	0*	23	181
1,2,4-Trichlorobenzene	**1**	**0**	**0**	**20**	**0***	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**0**	**0**	**20**	**0***	**30**	**172**
Naphthalene	1	0	0	20	0*	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211766.D	AD56657-007(50X)(T:MSD)	12/3/2025 2:13:00 AM
Non Spike(If applicable):	1M211767.D	AD56657-007(50X)(T)	12/3/2025 2:32:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	0	0	20	0*	16	181
Dichlorodifluoromethane	1	0	0	20	0*	10	202
Chloromethane	1	0	0	20	0*	10	182
Bromomethane	1	0	0	20	0*	10	172
Vinyl Chloride	1	0	0	20	0*	26	176
Chloroethane	1	0	0	20	0*	28	165
Trichlorofluoromethane	1	0	0	20	0*	18	178
Ethyl ether	1	0	0	20	0*	38	155
Furan	1	0	0	20	0*	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0	0	20	0*	32	178
Methylene Chloride	1	0	0	20	0*	10	225
Acrolein	1	0	0	100	0*	10	183
Acrylonitrile	1	0	0	20	0*	40	164
Acetone	1	0	0	100	0*	10	237
Carbon Disulfide	1	0	0	20	0*	10	194
t-Butyl Alcohol	1	0	0	100	0*	21	185
n-Hexane	1	0	0	20	0*	43	179
Di-isopropyl-ether	1	0	0	20	0*	47	159
1,1-Dichloroethene	1	0	0	20	0*	42	172
Methyl Acetate	1	0	0	20	0*	10	192
Methyl-t-butyl ether	1	0	0	20	0*	43	154
1,1-Dichloroethane	1	0	0	20	0*	48	160
trans-1,2-Dichloroethene	1	0	0	20	0*	37	171
Ethyl-t-butyl ether	1	0	0	20	0*	53	149
cis-1,2-Dichloroethene	1	0	0	20	0*	45	161
Bromochloromethane	1	0	0	20	0*	42	170
2,2-Dichloropropane	1	0	0	20	0*	33	173
Ethyl acetate	1	0	0	20	0*	38	156
1,4-Dioxane	1	0	0	1000	0*	18	186
1,1-Dichloropropene	1	0	0	20	0*	51	157
Chloroform	1	0	0	20	0*	47	157
Cyclohexane	1	0	0	20	0*	41	175
1,2-Dichloroethane	1	0	0	20	0*	43	154
2-Butanone	1	0	0	20	0*	20	188
1,1,1-Trichloroethane	1	0	0	20	0*	49	155
Carbon Tetrachloride	1	0	0	20	0*	47	159
Vinyl Acetate	1	0	0	20	0*	31	160
Bromodichloromethane	1	0	0	20	0*	48	152
Methylcyclohexane	1	0	0	20	0*	47	167
Dibromomethane	1	0	0	20	0*	47	153
1,2-Dichloropropane	1	0	0	20	0*	53	153
Trichloroethene	1	0	0	20	0*	45	165
Benzene	1	0	0	20	0*	41	163
tert-Amyl methyl ether	1	0	0	20	0*	51	146
Iso-propylacetate	1	0	0	20	0*	37	153
Methyl methacrylate	1	0	0	20	0*	40	160
Dibromochloromethane	1	0	0	20	0*	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	0	0	20	0*	49	146
trans-1,3-Dichloropropene	1	0	0	20	0*	48	144
Ethyl methacrylate	1	0	0	20	0*	38	160
1,1,2-Trichloroethane	1	0	0	20	0*	52	146
1,2-Dibromoethane	1	0	0	20	0*	55	140
1,3-Dichloropropane	1	0	0	20	0*	54	142
4-Methyl-2-Pentanone	1	0	0	20	0*	41	158
2-Hexanone	1	0	0	20	0*	39	163
Tetrachloroethene	1	0	0	20	0*	48	156
Toluene	1	0	0	20	0*	49	153
1,1,1,2-Tetrachloroethane	1	0	0	20	0*	51	140
Chlorobenzene	1	0	0	20	0*	43	155
n-Butyl acrylate	1	0	0	20	0*	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	0	0	20	0*	20	182
Bromoform	1	0	0	20	0*	47	137
Ethylbenzene	1	0	0	20	0*	41	153
1,1,2,2-Tetrachloroethane	1	0	0	20	0*	36	152
Styrene	1	0	0	20	0*	34	170
m&p-Xylenes	1	0	0	40	0*	16	184
o-Xylene	1	0	0	20	0*	31	166
trans-1,4-Dichloro-2-butene	1	0	0	20	0*	10	154
1,3-Dichlorobenzene	1	0	0	20	0*	46	147
1,4-Dichlorobenzene	1	0	0	20	0*	37	156
1,2-Dichlorobenzene	1	0	0	20	0*	42	150
Isopropylbenzene	1	0	0	20	0*	32	174
Cyclohexanone	1	0	0	100	0*	10	254
1,2,3-Trichloropropane	1	0	0	20	0*	20	164
2-Chlorotoluene	1	0	0	20	0*	43	153
4-Chlorotoluene	1	0	0	20	0*	34	160
n-Propylbenzene	1	0	0	20	0*	36	170
Bromobenzene	1	0	0	20	0*	44	142
1,3,5-Trimethylbenzene	1	0	0	20	0*	37	165
Butyl methacrylate	1	0	0	20	0*	30	169
t-Butylbenzene	1	0	0	20	0*	48	152
1,2,4-Trimethylbenzene	1	0	0	20	0*	38	162
sec-Butylbenzene	1	0	0	20	0*	42	164
4-Isopropyltoluene	1	0	0	20	0*	40	162
n-Butylbenzene	1	0	0	20	0*	30	176
1,2,4,5-Tetramethylbenzene	1	0	0	20	0*	18	177
1,2-Dibromo-3-Chloropropane	1	0	0	20	0*	32	154
Hexachlorobutadiene	1	0	0	20	0*	23	181
1,2,4-Trichlorobenzene	1	0	0	20	0*	28	169
1,2,3-Trichlorobenzene	1	0	0	20	0*	30	172
Naphthalene	1	0	0	20	0*	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: MBS128430

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211766.D	AD56657-007(50X)(T:MSD)	12/3/2025 2:13:00 AM
Duplicate(If applicable):	1M211765.D	AD56657-007(50X)(T:MS)	12/3/2025 1:53:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
Chlorodifluoromethane	1	0	0	NA	78
Dichlorodifluoromethane	1	0	0	NA	62
Chloromethane	1	0	0	NA	67
Bromomethane	1	0	0	NA	65
Vinyl Chloride	1	0	0	NA	55
Chloroethane	1	0	0	NA	59
Trichlorofluoromethane	1	0	0	NA	56
Ethyl ether	1	0	0	NA	55
Furan	1	0	0	NA	55
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0	0	NA	58
Methylene Chloride	1	0	0	NA	36
Acrolein	1	0	0	NA	66
Acrylonitrile	1	0	0	NA	59
Acetone	1	0	0	NA	85
Carbon Disulfide	1	0	0	NA	61
t-Butyl Alcohol	1	0	0	NA	78
n-Hexane	1	0	0	NA	56
Di-isopropyl-ether	1	0	0	NA	54
1,1-Dichloroethene	1	0	0	NA	56
Methyl Acetate	1	0	0	NA	71
Methyl-t-butyl ether	1	0	0	NA	53
1,1-Dichloroethane	1	0	0	NA	54
trans-1,2-Dichloroethene	1	0	0	NA	54
Ethyl-t-butyl ether	1	0	0	NA	53
cis-1,2-Dichloroethene	1	0	0	NA	53
Bromochloromethane	1	0	0	NA	54
2,2-Dichloropropane	1	0	0	NA	55
Ethyl acetate	1	0	0	NA	56
1,4-Dioxane	1	0	0	NA	95
1,1-Dichloropropene	1	0	0	NA	54
Chloroform	1	0	0	NA	53
Cyclohexane	1	0	0	NA	55
1,2-Dichloroethane	1	0	0	NA	52
2-Butanone	1	0	0	NA	58
1,1,1-Trichloroethane	1	0	0	NA	54
Carbon Tetrachloride	1	0	0	NA	54
Vinyl Acetate	1	0	0	NA	55
Bromodichloromethane	1	0	0	NA	53
Methylcyclohexane	1	0	0	NA	55
Dibromomethane	1	0	0	NA	53
1,2-Dichloropropane	1	0	0	NA	53
Trichloroethene	1	0	0	NA	54
Benzene	1	0	0	NA	52
tert-Amyl methyl ether	1	0	0	NA	52
Iso-propylacetate	1	0	0	NA	54
Methyl methacrylate	1	0	0	NA	55
Dibromochloromethane	1	0	0	NA	52
2-Chloroethylvinylether	1	0	0	NA	224
cis-1,3-Dichloropropene	1	0	0	NA	53
trans-1,3-Dichloropropene	1	0	0	NA	53
Ethyl methacrylate	1	0	0	NA	55
1,1,2-Trichloroethane	1	0	0	NA	52
1,2-Dibromoethane	1	0	0	NA	52
1,3-Dichloropropane	1	0	0	NA	53
4-Methyl-2-Pentanone	1	0	0	NA	69
2-Hexanone	1	0	0	NA	54
Tetrachloroethene	1	0	0	NA	53
Toluene	1	0	0	NA	53
1,1,1,2-Tetrachloroethane	1	0	0	NA	53
Chlorobenzene	1	0	0	NA	53
n-Butyl acrylate	1	0	0	NA	72

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: MBS128430

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
n-Amyl acetate	1	0	0	NA	72
Bromoform	**1**	**0**	**0**	**NA**	**54**
Ethylbenzene	**1**	**0**	**0**	**NA**	**57**
1,1,2,2-Tetrachloroethane	**1**	**0**	**0**	**NA**	**58**
Styrene	**1**	**0**	**0**	**NA**	**56**
m&p-Xylenes	**1**	**0**	**0**	**NA**	**107**
o-Xylene	**1**	**0**	**0**	**NA**	**55**
trans-1,4-Dichloro-2-butene	1	0	0	NA	71
1,3-Dichlorobenzene	**1**	**0**	**0**	**NA**	**53**
1,4-Dichlorobenzene	**1**	**0**	**0**	**NA**	**68**
1,2-Dichlorobenzene	**1**	**0**	**0**	**NA**	**53**
Isopropylbenzene	**1**	**0**	**0**	**NA**	**53**
Cyclohexanone	1	0	0	NA	77
1,2,3-Trichloropropane	1	0	0	NA	54
2-Chlorotoluene	1	0	0	NA	55
4-Chlorotoluene	1	0	0	NA	55
n-Propylbenzene	1	0	0	NA	51
Bromobenzene	1	0	0	NA	72
1,3,5-Trimethylbenzene	1	0	0	NA	56
Butyl methacrylate	1	0	0	NA	83
t-Butylbenzene	1	0	0	NA	70
1,2,4-Trimethylbenzene	1	0	0	NA	72
sec-Butylbenzene	1	0	0	NA	54
4-Isopropyltoluene	1	0	0	NA	69
n-Butylbenzene	1	0	0	NA	55
1,2,4,5-Tetramethylbenzene	1	0	0	NA	51
1,2-Dibromo-3-Chloropropane	**1**	**0**	**0**	**NA**	**56**
Hexachlorobutadiene	1	0	0	NA	69
1,2,4-Trichlorobenzene	**1**	**0**	**0**	**NA**	**87**
1,2,3-Trichlorobenzene	**1**	**0**	**0**	**NA**	**81**
Naphthalene	1	0	0	NA	80

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

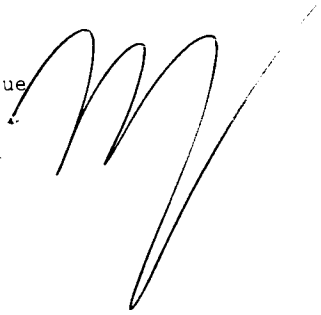
Quantitation Report (QT Reviewed)

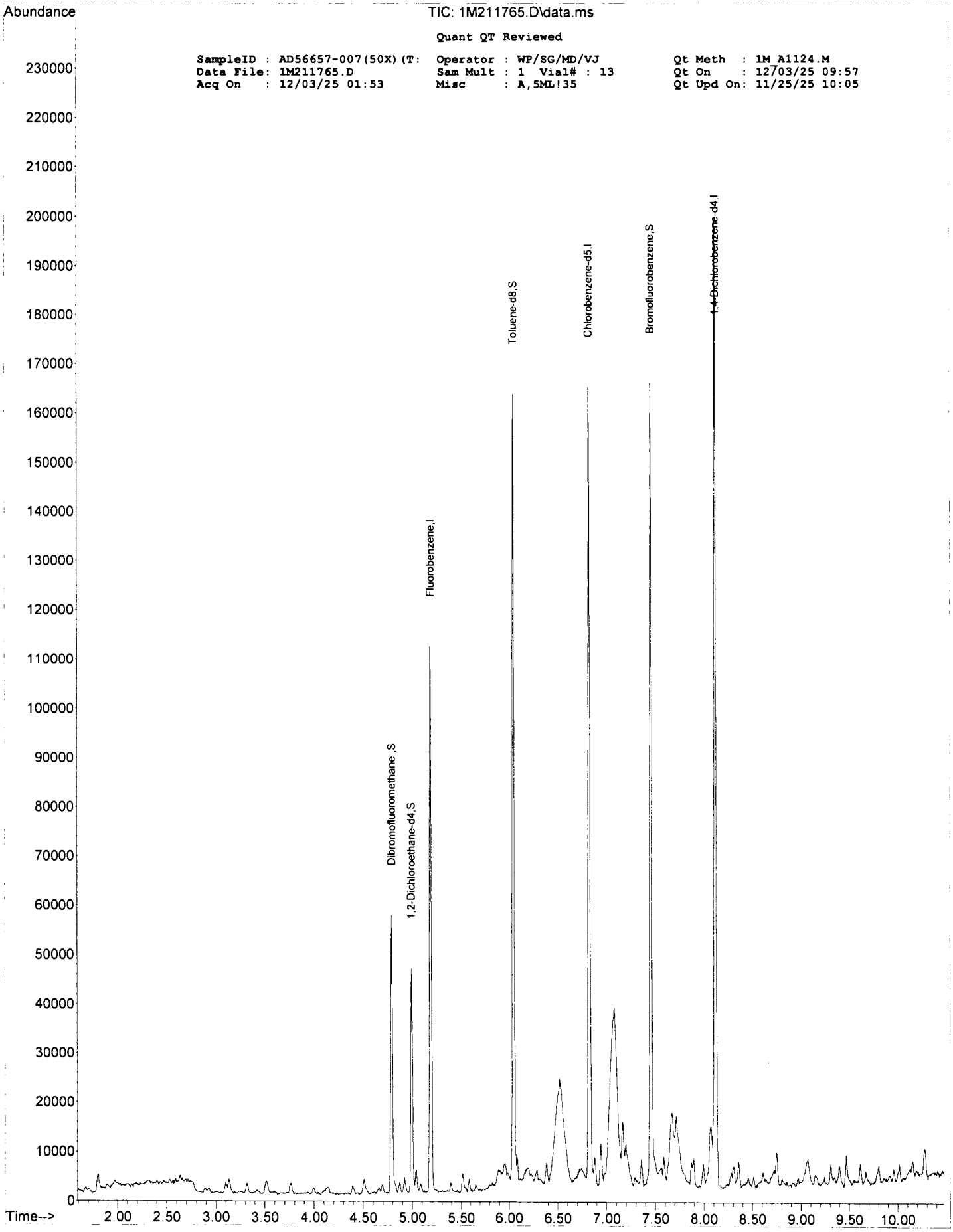
SampleID : AD56657-007(50X)(T: Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211765.D Sam Mult : 1 Vial# : 13 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:53 Misc : A,5ML!35 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	68390	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	71615	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	44360	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	21065	30.98	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.27%			
38) 1,2-Dichloroethane-d4	4.995	67	10724	31.27	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.23%			
65) Toluene-d8	6.050	98	75377	29.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.87%			
75) Bromofluorobenzene	7.458	174	37270	31.16	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.87%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211765.D\data.ms
Quant QT Reviewed
SampleID : AD56657-007(50X)(T:
Data File: 1M211765.D
Acq On : 12/03/25 01:53
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 13
Misc : A,5ML!35
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

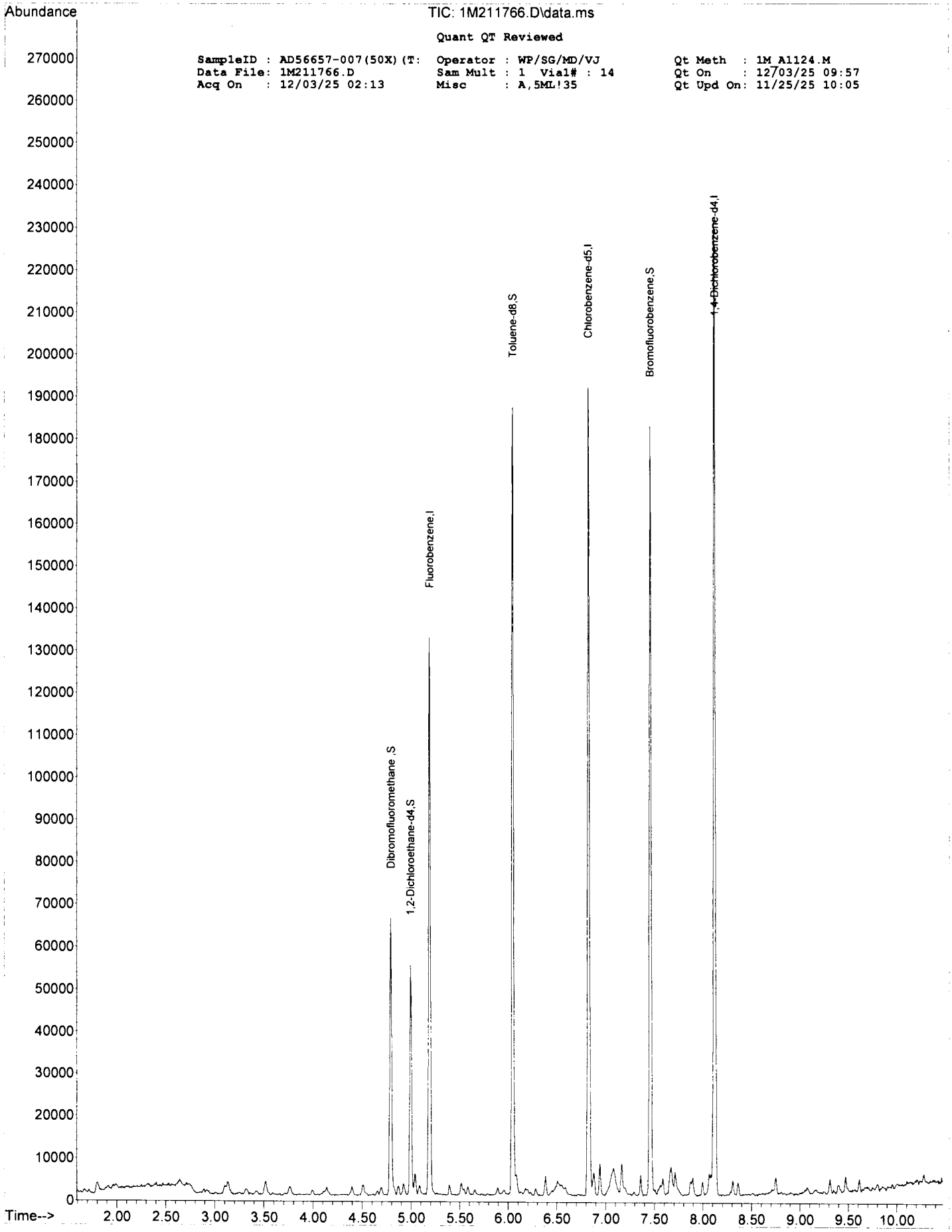
Quantitation Report (QT Reviewed)

SampleID : AD56657-007(50X)(T: Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211766.D Sam Mult : 1 Vial# : 14 Qt On : 12/03/25 09:57
Acq On : 12/03/25 02:13 Misc : A,5ML!35 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	79727	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	82394	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.123	152	51845	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	24514	30.92	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.07%			
38) 1,2-Dichloroethane-d4	4.995	67	12159	30.41	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.37%			
65) Toluene-d8	6.050	98	88333	30.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.73%			
75) Bromofluorobenzene	7.458	174	42483	30.39	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.30%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211766.D\data.ms
Quant QT Reviewed
SampleID : AD56657-007(50X)(T:
Data File: 1M211766.D
Acq On : 12/03/25 02:13
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 14
Misc : A,5ML!35
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

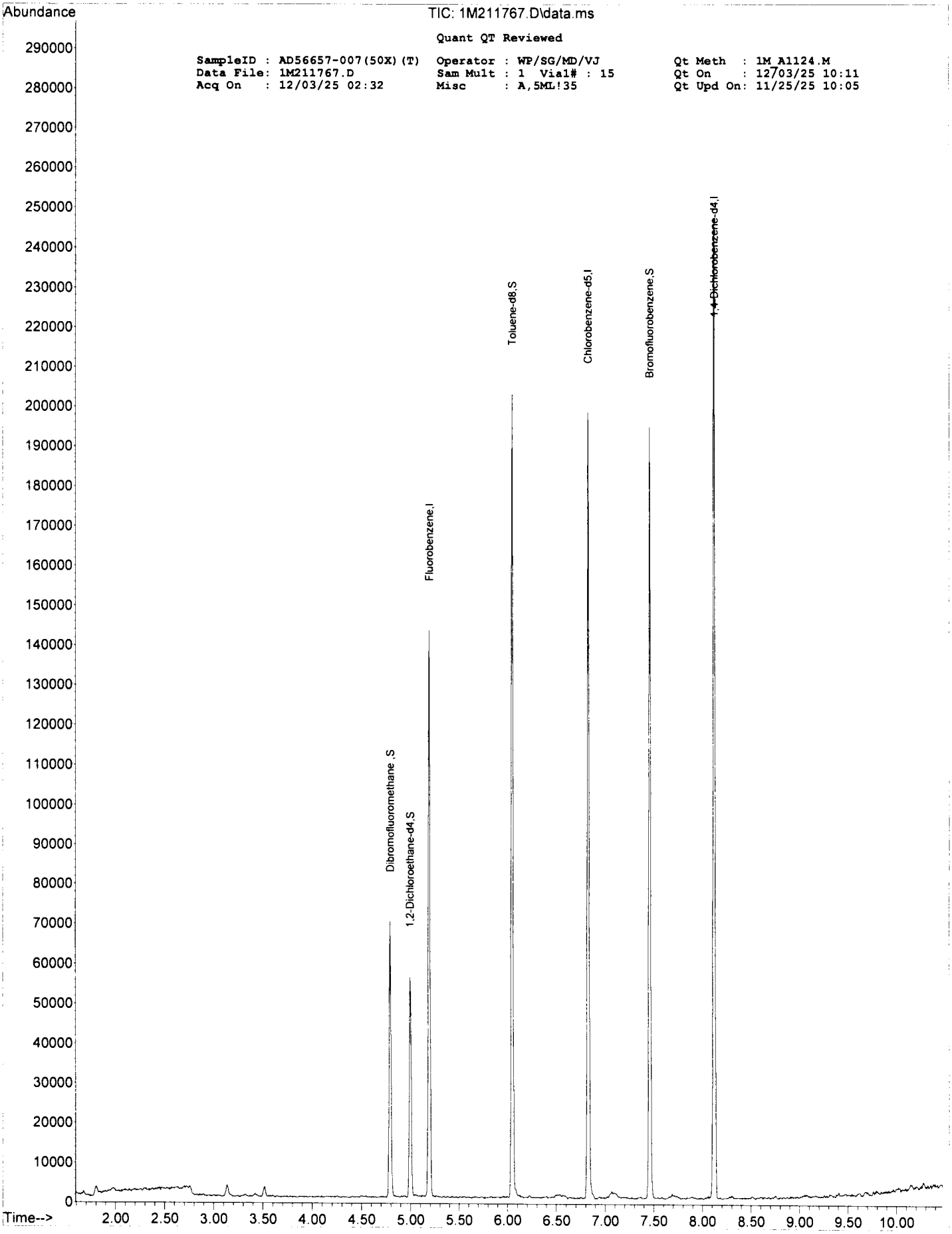
Quantitation Report (QT Reviewed)

SampleID : AD56657-007(50X)(T) Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211767.D Sam Mult : 1 Vial# : 15 Qt On : 12/03/25 10:11
Acq On : 12/03/25 02:32 Misc : A,5ML!35 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	86253	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	87781	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	54297	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	25552	29.79	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.30%			
38) 1,2-Dichloroethane-d4	4.995	67	13053	30.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.60%			
65) Toluene-d8	6.050	98	95873	31.09	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.63%			
75) Bromofluorobenzene	7.458	174	43539	29.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.13%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211767.D\data.ms
Quant QT Reviewed
SampleID : AD56657-007(50X)(T)
Data File: 1M211767.D
Acq On : 12/03/25 02:32
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 15
Misc : A,5ML!35
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 10:11
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211762.D	MBS128431	12/3/2025 12:54:00 AM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	13.9715	0	20	70	16	181
Dichlorodifluoromethane	**1**	**17.1924**	**0**	**20**	**86**	**10**	**202**
Chloromethane	**1**	**16.2231**	**0**	**20**	**81**	**10**	**182**
Bromomethane	**1**	**11.7707**	**0**	**20**	**59**	**10**	**172**
Vinyl Chloride	**1**	**18.4343**	**0**	**20**	**92**	**26**	**176**
Chloroethane	**1**	**21.1572**	**0**	**20**	**106**	**28**	**165**
Trichlorofluoromethane	**1**	**21.5268**	**0**	**20**	**108**	**18**	**178**
Ethyl ether	1	17.1387	0	20	86	38	155
Furan	1	18.3521	0	20	92	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	**1**	**16.8692**	**0**	**20**	**84**	**32**	**178**
Methylene Chloride	**1**	**18.0078**	**0**	**20**	**90**	**10**	**225**
Acrolein	1	62.1191	0	100	62	10	183
Acrylonitrile	1	16.3891	0	20	82	40	164
Acetone	**1**	**96.4712**	**0**	**100**	**96**	**10**	**237**
Carbon Disulfide	**1**	**19.9379**	**0**	**20**	**100**	**10**	**194**
t-Butyl Alcohol	1	84.5127	0	100	85	21	185
n-Hexane	1	16.895	0	20	84	43	179
Di-isopropyl-ether	1	18.1776	0	20	91	47	159
1,1-Dichloroethene	**1**	**20.0481**	**0**	**20**	**100**	**42**	**172**
Methyl Acetate	**1**	**17.4483**	**0**	**20**	**87**	**10**	**192**
Methyl-t-butyl ether	**1**	**17.8605**	**0**	**20**	**89**	**43**	**154**
1,1-Dichloroethane	**1**	**19.5785**	**0**	**20**	**98**	**48**	**160**
trans-1,2-Dichloroethene	**1**	**18.5857**	**0**	**20**	**93**	**37**	**171**
Ethyl-t-butyl ether	1	18.2011	0	20	91	53	149
cis-1,2-Dichloroethene	**1**	**18.1309**	**0**	**20**	**91**	**45**	**161**
Bromochloromethane	**1**	**19.3991**	**0**	**20**	**97**	**42**	**170**
2,2-Dichloropropane	1	19.8905	0	20	99	33	173
Ethyl acetate	1	18.1779	0	20	91	38	156
1,4-Dioxane	**1**	**844.8536**	**0**	**1000**	**84**	**18**	**186**
1,1-Dichloropropene	1	18.8616	0	20	94	51	157
Chloroform	**1**	**19.1249**	**0**	**20**	**96**	**47**	**157**
Cyclohexane	**1**	**17.7689**	**0**	**20**	**89**	**41**	**175**
1,2-Dichloroethane	**1**	**19.1085**	**0**	**20**	**96**	**43**	**154**
2-Butanone	**1**	**17.296**	**0**	**20**	**86**	**20**	**188**
1,1,1-Trichloroethane	**1**	**18.8427**	**0**	**20**	**94**	**49**	**155**
Carbon Tetrachloride	**1**	**19.4422**	**0**	**20**	**97**	**47**	**159**
Vinyl Acetate	1	17.6367	0	20	88	31	160
Bromodichloromethane	**1**	**18.8417**	**0**	**20**	**94**	**48**	**152**
Methylcyclohexane	**1**	**17.612**	**0**	**20**	**88**	**47**	**167**
Dibromomethane	1	17.4456	0	20	87	47	153
1,2-Dichloropropane	**1**	**18.2443**	**0**	**20**	**91**	**53**	**153**
Trichloroethene	**1**	**19.1942**	**0**	**20**	**96**	**45**	**165**
Benzene	**1**	**19.0396**	**0**	**20**	**95**	**41**	**163**
tert-Amyl methyl ether	1	18.2055	0	20	91	51	146
Iso-propylacetate	1	19.3361	0	20	97	37	153
Methyl methacrylate	1	19.6931	0	20	98	40	160
Dibromochloromethane	**1**	**16.8852**	**0**	**20**	**84**	**50**	**144**
2-Chloroethylvinylether	1	17.5737	0	20	88	10	201
cis-1,3-Dichloropropene	**1**	**20.2035**	**0**	**20**	**101**	**49**	**146**
trans-1,3-Dichloropropene	**1**	**18.8256**	**0**	**20**	**94**	**48**	**144**
Ethyl methacrylate	1	19.4079	0	20	97	38	160
1,1,2-Trichloroethane	**1**	**19.3606**	**0**	**20**	**97**	**52**	**146**
1,2-Dibromoethane	**1**	**17.4997**	**0**	**20**	**87**	**55**	**140**
1,3-Dichloropropane	1	18.473	0	20	92	54	142
4-Methyl-2-Pentanone	**1**	**19.455**	**0**	**20**	**97**	**41**	**158**
2-Hexanone	**1**	**19.9941**	**0**	**20**	**100**	**39**	**163**
Tetrachloroethene	**1**	**18.0543**	**0**	**20**	**90**	**48**	**162**
Toluene	**1**	**19.0346**	**0**	**20**	**95**	**49**	**153**
1,1,1,2-Tetrachloroethane	1	18.7104	0	20	94	51	140
Chlorobenzene	**1**	**17.351**	**0**	**20**	**87**	**43**	**155**
n-Butyl acrylate	1	17.5946	0	20	88	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	17.61	0	20	88	20	182
Bromoform	**1**	**17.2826**	**0**	**20**	**86**	**47**	**137**
Ethylbenzene	**1**	**19.2027**	**0**	**20**	**96**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**15.9733**	**0**	**20**	**80**	**36**	**152**
Styrene	**1**	**17.7609**	**0**	**20**	**89**	**34**	**170**
m&p-Xylenes	**1**	**36.2989**	**0**	**40**	**91**	**16**	**184**
o-Xylene	**1**	**17.6832**	**0**	**20**	**88**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	15.7288	0	20	79	10	154
1,3-Dichlorobenzene	**1**	**17.1785**	**0**	**20**	**86**	**46**	**147**
1,4-Dichlorobenzene	**1**	**17.6375**	**0**	**20**	**88**	**37**	**156**
1,2-Dichlorobenzene	**1**	**17.4176**	**0**	**20**	**87**	**42**	**150**
Isopropylbenzene	**1**	**17.9188**	**0**	**20**	**90**	**32**	**174**
Cyclohexanone	1	110.5482	0	100	111	10	254
1,2,3-Trichloropropane	1	17.7471	0	20	89	20	164
2-Chlorotoluene	1	17.85	0	20	89	43	153
4-Chlorotoluene	1	17.6792	0	20	88	34	160
n-Propylbenzene	1	18.7742	0	20	94	30	176
Bromobenzene	1	18.0692	0	20	90	44	142
1,3,5-Trimethylbenzene	1	18.3547	0	20	92	37	165
Butyl methacrylate	1	18.2849	0	20	91	30	169
t-Butylbenzene	1	17.3413	0	20	87	48	162
1,2,4-Trimethylbenzene	1	17.5587	0	20	88	38	162
sec-Butylbenzene	1	17.9712	0	20	90	42	164
4-Isopropyltoluene	1	17.6986	0	20	88	40	162
n-Butylbenzene	1	18.0469	0	20	90	30	176
1,2,4,5-Tetramethylbenzene	1	17.9567	0	20	90	18	177
1,2-Dibromo-3-Chloropropane	**1**	**17.0448**	**0**	**20**	**85**	**32**	**154**
Hexachlorobutadiene	1	18.5651	0	20	93	23	181
1,2,4-Trichlorobenzene	**1**	**18.3261**	**0**	**20**	**92**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**19.2866**	**0**	**20**	**96**	**30**	**172**
Naphthalene	1	19.5232	0	20	98	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Quantitation Report (QT Reviewed)

SampleID : MBS
Data File: 1M211762.D
Acq On : 12/03/25 00:54
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	86646	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.830	117	85200	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.123	152	54719	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	26657	30.94	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.13%			
38) 1,2-Dichloroethane-d4	4.995	67	13571	31.23	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.10%			
65) Toluene-d8	6.050	98	95417	31.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 106.27%			
75) Bromofluorobenzene	7.458	174	42406	28.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.80%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	16172	13.9715	ug/l	39
6) Dichlorodifluoromethane	1.709	85	23702	17.1924	ug/l	94
7) Chloromethane	1.898	50	18159	16.2231	ug/l	96
8) Bromomethane	2.313	94	12455	11.7707	ug/l	84
9) Vinyl Chloride	1.990	62	24898	18.4343	ug/l	100
10) Chloroethane	2.404	64	17949	21.1572	ug/l	98
11) Trichlorofluoromethane	2.636	101	51202	21.5268	ug/l	98
12) Ethyl ether	2.892	59	16676	17.1387	ug/l	97
13) Furan	2.928	39	25005	18.3521	ug/l	96
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	17896	16.8692	ug/l	99
15) Methylene Chloride	3.514	84	20620	18.0078	ug/l	91
16) Acrolein	3.002	56	13245	62.1191	ug/l	84
17) Acrylonitrile	3.721	53	9655	16.3891	ug/l	95
18) Acetone	3.136	43	44776	96.4712	ug/l	85
19) Carbon Disulfide	3.319	76	53444	19.9379	ug/l	100
20) t-Butyl Alcohol	3.587	59	14660	84.5127	ug/l	80
21) n-Hexane	3.995	57	15665	16.8950	ug/l	96
22) Di-isopropyl-ether	4.142	45	49892	18.1776	ug/l	96
23) 1,1-Dichloroethene	3.105	61	29297	20.0481	ug/l	84
24) Methyl Acetate	3.422	43	17955	17.4483	ug/l	100
25) Methyl-t-butyl ether	3.758	73	57704	17.8605	ug/l	98
26) 1,1-Dichloroethane	4.105	63	34578	19.5785	ug/l	96
27) trans-1,2-Dichloroethene	3.764	96	22491	18.5857	ug/l	96
28) Ethyl-t-butyl ether	4.398	59	56840	18.2011	ug/l	99
29) cis-1,2-Dichloroethene	4.507	61	32582	18.1309	ug/l	80
30) Bromochloromethane	4.660	49	15780	19.3991	ug/l	68
31) 2,2-Dichloropropane	4.513	77	30614	19.8905	ug/l	94
32) Ethyl acetate	4.532	43	25413	18.1779	ug/l	97
33) 1,4-Dioxane	5.580	88	22456	844.8536	ug/l	97
34) 1,1-Dichloropropene	4.916	75	28253	18.8616	ug/l	92
35) Chloroform	4.696	83	39571	19.1249	ug/l	99
37) Cyclohexane	4.873	56	23031	17.7689	ug/l	97
39) 1,2-Dichloroethane	5.038	62	31043	19.1085	ug/l	91
40) 2-Butanone	4.501	43	12387m	17.2960	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	34476	18.8427	ug/l	96
42) Carbon Tetrachloride	4.928	117	30690	19.4422	ug/l	93
43) Vinyl Acetate	4.123	43	62456	17.6367	ug/l	100
44) Bromodichloromethane	5.654	83	28877	18.8417	ug/l	96
45) Methylcyclohexane	5.513	83	23234	17.6120	ug/l	95
46) Dibromomethane	5.586	174	19046	17.4456	ug/l	93
47) 1,2-Dichloropropane	5.519	63	19031	18.2443	ug/l	98
48) Trichloroethene	5.397	130	26689	19.1942	ug/l	90
49) Benzene	5.044	78	80589	19.0396	ug/l	100
50) tert-Amyl methyl ether	5.087	73	56326	18.2055	ug/l	99
52) Iso-propylacetate	5.038	43	43278	19.3361	ug/l	96
53) Methyl methacrylate	5.544	41	18093	19.6931	ug/l	87
54) Dibromochloromethane	6.507	129	23366	16.8852	ug/l	93
55) 2-Chloroethylvinylether	5.794	63	6628	17.5737	ug/l	94
56) cis-1,3-Dichloropropene	5.891	75	32057	20.2035	ug/l	98
57) trans-1,3-Dichloropropene	6.178	75	28714	18.8256	ug/l	98
58) Ethyl methacrylate	6.196	41	18086	19.4079	ug/l	92
59) 1,1,2-Trichloroethane	6.281	97	21547	19.3606	ug/l	96
60) 1,2-Dibromoethane	6.586	107	22833	17.4997	ug/l	92
61) 1,3-Dichloropropane	6.379	76	33737	18.4730	ug/l	98
62) 4-Methyl-2-Pentanone	5.958	43	25966	19.4550	ug/l	93
63) 2-Hexanone	6.391	43	19502	19.9941	ug/l	97
64) Tetrachloroethene	6.385	164	18958	18.0543	ug/l	90
66) Toluene	6.086	92	51781	19.0346	ug/l	91
67) 1,1,1,2-Tetrachloroethane	6.873	133	20654	18.7104	ug/l	89

Quantitation Report (QT Reviewed)

SampleID : MBS
Data File: 1M211762.D
Acq On : 12/03/25 00:54

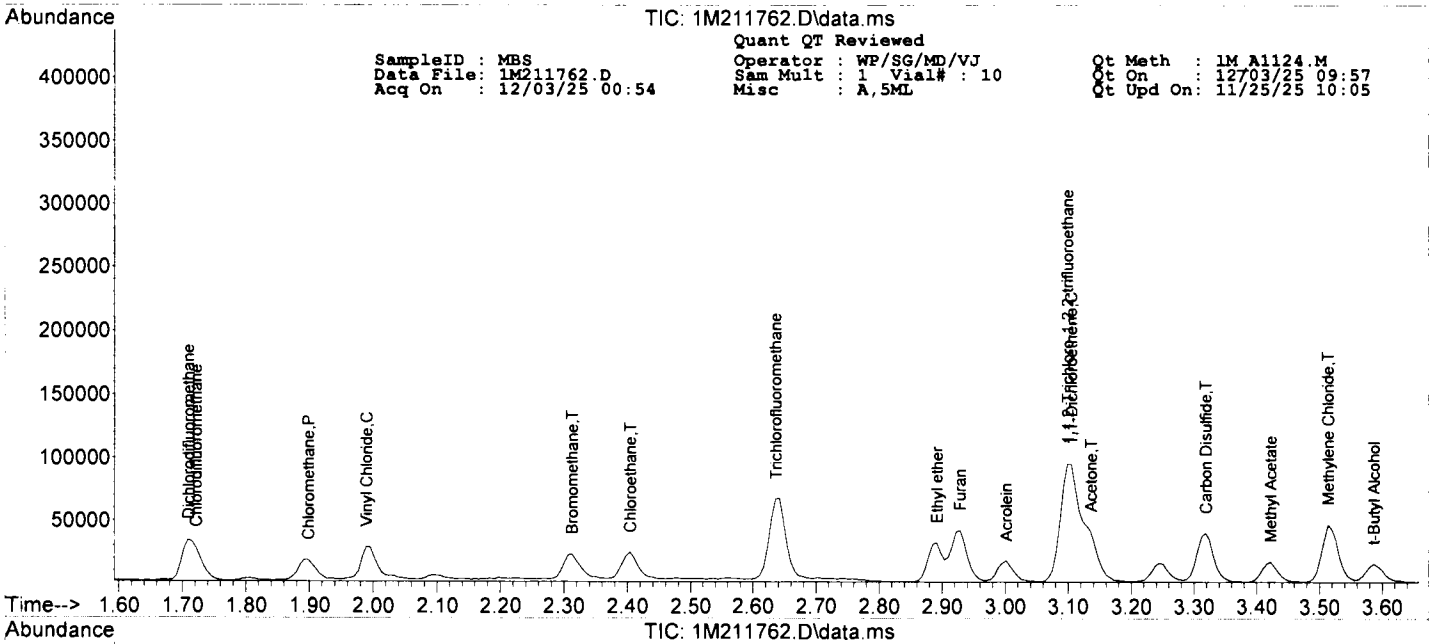
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 10
Misc : A,5ML

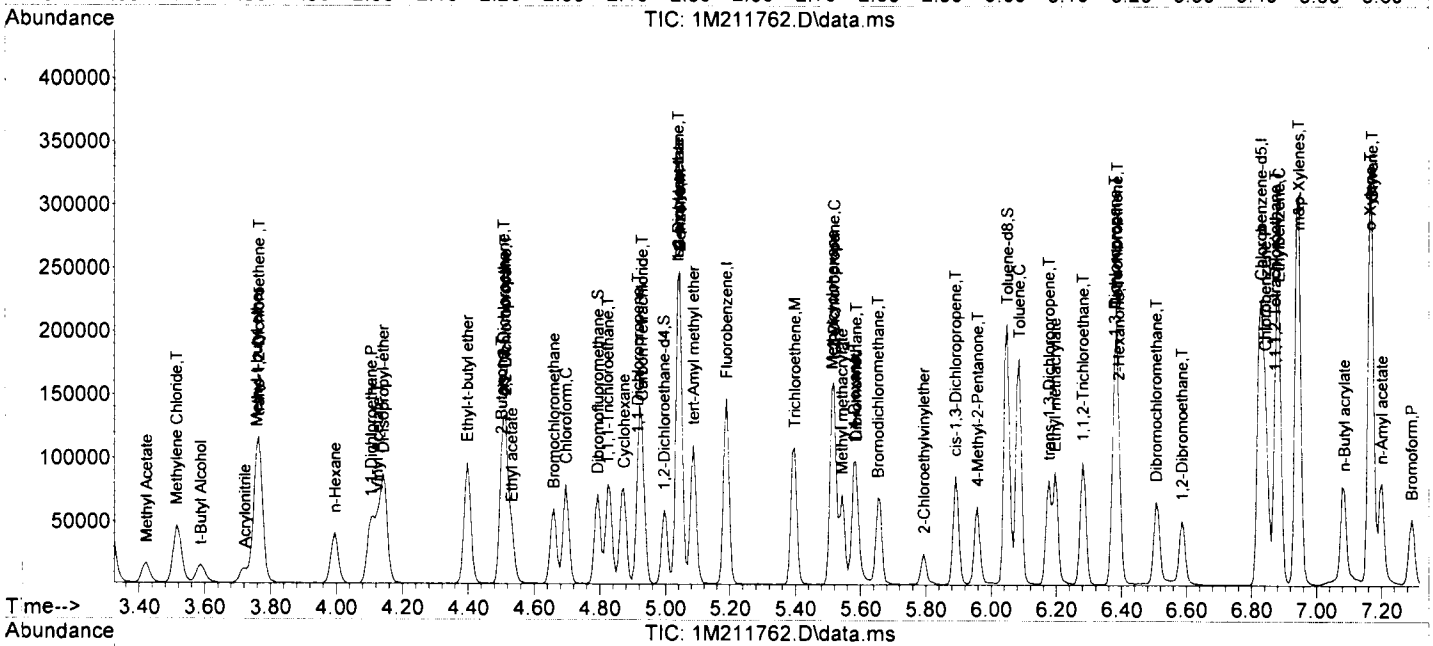
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05

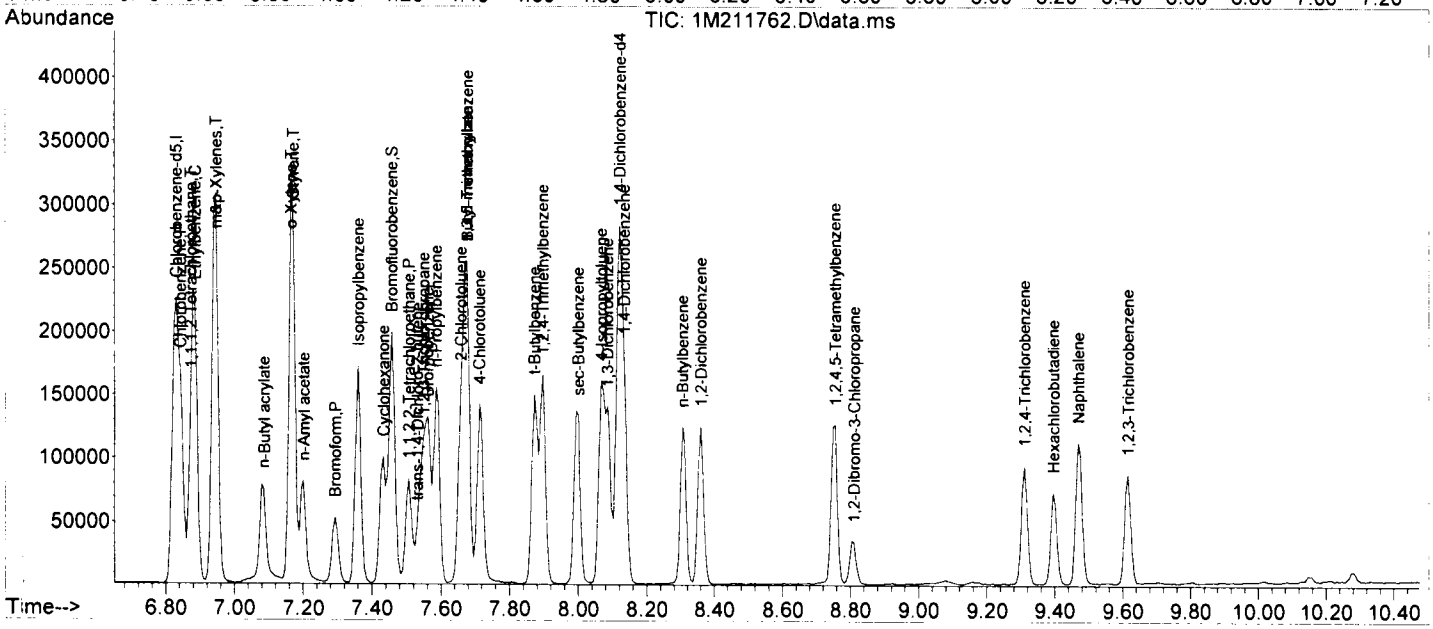
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	Chlorobenzene	6.842	112	56516	17.3510	ug/l	91
70)	n-Butyl acrylate	7.086	55	32979	17.5946	ug/l	94
71)	n-Amyl acetate	7.202	43	28716	17.6100	ug/l	98
72)	Bromoform	7.293	173	18582	17.2826	ug/l	90
73)	Ethylbenzene	6.885	106	25695	19.2027	ug/l	81
74)	1,1,2,2-Tetrachloroethane	7.507	83	27153	15.9733	ug/l	92
76)	Styrene	7.172	104	57593	17.7609	ug/l	99
77)	m&p-Xylenes	6.946	106	68557	36.2989	ug/l	92
78)	o-Xylene	7.165	106	34166	17.6832	ug/l	97
79)	trans-1,4-Dichloro-2-b...	7.531	53	6189	15.7288	ug/l	77
80)	1,3-Dichlorobenzene	8.086	146	42819	17.1785	ug/l	91
81)	1,4-Dichlorobenzene	8.135	146	43557	17.6375	ug/l	94
82)	1,2-Dichlorobenzene	8.360	146	41403	17.4176	ug/l	91
83)	Isopropylbenzene	7.361	105	82349	17.9188	ug/l	98
84)	Cyclohexanone	7.434	55	29311	110.5482	ug/l	87
85)	1,2,3-Trichloropropane	7.549	75	34350	17.7471	ug/l	91
86)	2-Chlorotoluene	7.659	91	46351	17.8500	ug/l	96
87)	4-Chlorotoluene	7.714	91	48700	17.6792	ug/l	97
88)	n-Propylbenzene	7.586	91	90616	18.7742	ug/l	99
89)	Bromobenzene	7.562	77	44991	18.0692	ug/l	68
90)	1,3,5-Trimethylbenzene	7.678	105	65616	18.3547	ug/l	99
91)	Butyl methacrylate	7.678	41	19608	18.2849	ug/l	81
92)	t-Butylbenzene	7.873	119	63598	17.3413	ug/l	95
93)	1,2,4-Trimethylbenzene	7.897	105	67652	17.5587	ug/l	96
94)	sec-Butylbenzene	8.001	105	74871	17.9712	ug/l	98
95)	4-Isopropyltoluene	8.068	119	64728	17.6986	ug/l	97
96)	n-Butylbenzene	8.305	91	51097	18.0469	ug/l	92
97)	1,2,4,5-Tetramethylben...	8.757	119	55912	17.9567	ug/l	100
98)	1,2-Dibromo-3-Chloropr...	8.811	157	8398	17.0448	ug/l	65
99)	Hexachlorobutadiene	9.397	225	10641	18.5651	ug/l	98
100)	1,2,4-Trichlorobenzene	9.311	180	23159	18.3261	ug/l	97
101)	1,2,3-Trichlorobenzene	9.616	180	21924	19.2866	ug/l	97
102)	Naphthalene	9.470	128	72730	19.5232	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211762.D\data.ms
Quant QT Reviewed
SampleID : MBS
Data File: 1M211762.D
Acq On : 12/03/25 00:54
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 10
Misc : A,5ML
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211762.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211762.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
2-Chlorotoluene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211763.D	AD56733-008(MS:AD56733-007	12/3/2025 1:14:00 AM
Non Spike(If applicable):	1M211758.D	AD56733-007	12/2/2025 11:36:00 PM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	15.0206	0	20	75	16	181
Dichlorodifluoromethane	1	14.8886	0	20	74	10	202
Chloromethane	1	18.4561	0	20	92	10	182
Bromomethane	1	13.128	0	20	66	10	172
Vinyl Chloride	1	18.5314	0	20	93	26	176
Chloroethane	1	21.9658	0	20	110	28	165
Trichlorofluoromethane	1	23.075	0	20	115	18	178
Ethyl ether	1	18.3493	0	20	92	38	155
Furan	1	19.8776	0	20	99	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	17.746	0	20	89	32	178
Methylene Chloride	1	17.6375	0	20	88	10	225
Acrolein	1	68.5863	0	100	69	10	183
Acrylonitrile	1	16.8044	0	20	84	40	164
Acetone	1	89.9087	0	100	90	10	237
Carbon Disulfide	1	20.1356	0	20	101	10	194
t-Butyl Alcohol	1	89.6663	0	100	90	21	185
n-Hexane	1	16.4106	0	20	82	43	179
Di-isopropyl-ether	1	18.828	0	20	94	47	159
1,1-Dichloroethene	1	18.9877	0	20	95	42	172
Methyl Acetate	1	18.5126	0	20	93	10	192
Methyl-t-butyl ether	1	18.4968	0	20	92	43	154
1,1-Dichloroethane	1	18.7397	0	20	94	48	160
trans-1,2-Dichloroethene	1	18.995	0	20	95	37	171
Ethyl-t-butyl ether	1	18.1028	0	20	91	53	149
cis-1,2-Dichloroethene	1	18.7649	0	20	94	45	161
Bromochloromethane	1	19.1908	0	20	96	42	170
2,2-Dichloropropane	1	19.0055	0	20	95	33	173
Ethyl acetate	1	17.8836	0	20	89	38	156
1,4-Dioxane	1	928.7509	0	1000	93	18	186
1,1-Dichloropropene	1	19.0346	0	20	95	51	157
Chloroform	1	18.724	0	20	94	47	157
Cyclohexane	1	17.9333	0	20	90	41	175
1,2-Dichloroethane	1	18.5007	0	20	93	43	154
2-Butanone	1	17.3989	0	20	87	20	188
1,1,1-Trichloroethane	1	19.2678	0	20	96	49	155
Carbon Tetrachloride	1	20.5443	0	20	103	47	159
Vinyl Acetate	1	19.2109	0	20	96	31	160
Bromodichloromethane	1	18.2764	0	20	91	48	152
Methylcyclohexane	1	18.0582	0	20	90	47	167
Dibromomethane	1	17.5322	0	20	88	47	153
1,2-Dichloropropane	1	18.5286	0	20	93	53	153
Trichloroethene	1	19.1535	0	20	96	45	165
Benzene	1	18.7922	0	20	94	41	163
tert-Amyl methyl ether	1	18.0295	0	20	90	51	146
Iso-propylacetate	1	17.9079	0	20	90	37	153
Methyl methacrylate	1	18.5211	0	20	93	40	160
Dibromochloromethane	1	17.165	0	20	86	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	18.2112	0	20	91	49	146
trans-1,3-Dichloropropene	1	17.6256	0	20	88	48	144
Ethyl methacrylate	1	18.6918	0	20	93	38	160
1,1,2-Trichloroethane	1	17.667	0	20	88	52	146
1,2-Dibromoethane	1	17.2189	0	20	86	55	140
1,3-Dichloropropane	1	17.2327	0	20	86	54	142
4-Methyl-2-Pentanone	1	18.0692	0	20	90	41	158
2-Hexanone	1	18.5922	0	20	93	39	163
Tetrachloroethene	1	18.8186	0	20	94	48	156
Toluene	1	18.2827	0	20	91	49	153
1,1,1,2-Tetrachloroethane	1	17.3417	0	20	87	51	140
Chlorobenzene	1	17.6924	0	20	88	43	155
n-Butyl acrylate	1	18.3063	0	20	92	21	181

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	18.6657	0	20	93	20	182
Bromoform	**1**	**17.1367**	**0**	**20**	**86**	**47**	**137**
Ethylbenzene	**1**	**18.2612**	**0**	**20**	**91**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**16.9777**	**0**	**20**	**85**	**36**	**152**
Styrene	**1**	**17.7554**	**0**	**20**	**89**	**34**	**170**
m&p-Xylenes	**1**	**36.625**	**0**	**40**	**92**	**16**	**184**
o-Xylene	**1**	**17.6865**	**0**	**20**	**88**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	17.6873	0	20	88	10	154
1,3-Dichlorobenzene	**1**	**16.3634**	**0**	**20**	**82**	**46**	**147**
1,4-Dichlorobenzene	**1**	**17.5315**	**0**	**20**	**88**	**37**	**156**
1,2-Dichlorobenzene	**1**	**17.4519**	**0**	**20**	**87**	**42**	**150**
Isopropylbenzene	**1**	**22.757**	**4.773**	**20**	**90**	**32**	**174**
Cyclohexanone	1	18.7383	0	100	19	10	254
1,2,3-Trichloropropane	1	18.5085	0	20	93	20	164
2-Chlorotoluene	1	17.3801	0	20	87	43	153
4-Chlorotoluene	1	17.2791	0	20	86	34	160
n-Propylbenzene	1	22.3264	0	20	112	36	170
Bromobenzene	1	18.5735	0	20	93	44	142
1,3,5-Trimethylbenzene	1	17.3723	0	20	87	37	165
Butyl methacrylate	1	19.2788	0	20	96	30	169
t-Butylbenzene	1	16.9547	0	20	85	48	152
1,2,4-Trimethylbenzene	1	16.7226	0	20	84	38	162
sec-Butylbenzene	1	19.9627	0	20	100	42	164
4-Isopropyltoluene	1	17.0585	0	20	85	40	162
n-Butylbenzene	1	18.977	0	20	95	30	176
1,2,4,5-Tetramethylbenzene	1	36.6602	0	20	183*	18	177
1,2-Dibromo-3-Chloropropane	**1**	**16.3246**	**0**	**20**	**82**	**32**	**154**
Hexachlorobutadiene	1	15.7143	0	20	79	23	181
1,2,4-Trichlorobenzene	**1**	**18.5425**	**0**	**20**	**93**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**19.1124**	**0**	**20**	**96**	**30**	**172**
Naphthalene	1	21.5082	0	20	108	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211764.D	AD56733-009(MSD:AD56733-0	12/3/2025 1:33:00 AM
Non Spike(If applicable):	1M211758.D	AD56733-007	12/2/2025 11:36:00 PM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Chlorodifluoromethane	1	17.3904	0	20	87	16	181
Dichlorodifluoromethane	1	15.7877	0	20	79	10	202
Chloromethane	1	19.9379	0	20	100	10	182
Bromomethane	1	14.5707	0	20	73	10	172
Vinyl Chloride	1	19.1972	0	20	96	26	176
Chloroethane	1	23.8952	0	20	119	28	165
Trichlorofluoromethane	1	24.2925	0	20	121	18	178
Ethyl ether	1	19.0993	0	20	95	38	155
Furan	1	20.6847	0	20	103	31	160
1,1,2-Trichloro-1,2,2-trifluoroethane	1	18.5054	0	20	93	32	178
Methylene Chloride	1	19.6904	0	20	98	10	225
Acrolein	1	67.2788	0	100	67	10	183
Acrylonitrile	1	18.336	0	20	92	40	164
Acetone	1	94.7734	0	100	95	10	237
Carbon Disulfide	1	21.8967	0	20	109	10	194
t-Butyl Alcohol	1	89.4083	0	100	89	21	185
n-Hexane	1	17.6798	0	20	88	43	179
Di-isopropyl-ether	1	19.4539	0	20	97	47	159
1,1-Dichloroethene	1	20.0687	0	20	100	42	172
Methyl Acetate	1	18.2059	0	20	91	10	192
Methyl-t-butyl ether	1	19.4093	0	20	97	43	154
1,1-Dichloroethane	1	20.4041	0	20	102	48	160
trans-1,2-Dichloroethene	1	19.7625	0	20	99	37	171
Ethyl-t-butyl ether	1	19.2089	0	20	96	53	149
cis-1,2-Dichloroethene	1	19.4673	0	20	97	45	161
Bromochloromethane	1	19.1107	0	20	96	42	170
2,2-Dichloropropane	1	20.8101	0	20	104	33	173
Ethyl acetate	1	18.7055	0	20	94	38	156
1,4-Dioxane	1	953.0176	0	1000	95	18	186
1,1-Dichloropropene	1	20.0854	0	20	100	51	157
Chloroform	1	19.6078	0	20	98	47	157
Cyclohexane	1	18.8757	0	20	94	41	175
1,2-Dichloroethane	1	19.503	0	20	98	43	154
2-Butanone	1	18.8026	0	20	94	20	188
1,1,1-Trichloroethane	1	20.3636	0	20	102	49	155
Carbon Tetrachloride	1	20.7204	0	20	104	47	159
Vinyl Acetate	1	20.4915	0	20	102	31	160
Bromodichloromethane	1	20.0142	0	20	100	48	152
Methylcyclohexane	1	18.3747	0	20	92	47	167
Dibromomethane	1	20.1322	0	20	101	47	153
1,2-Dichloropropane	1	19.9484	0	20	100	53	153
Trichloroethene	1	19.372	0	20	97	45	165
Benzene	1	19.5592	0	20	98	41	163
tert-Amyl methyl ether	1	19.1858	0	20	96	51	146
Iso-propylacetate	1	18.6709	0	20	93	37	153
Methyl methacrylate	1	19.0324	0	20	95	40	160
Dibromochloromethane	1	19.8928	0	20	99	50	144
2-Chloroethylvinylether	1	0	0	20	0*	10	201
cis-1,3-Dichloropropene	1	19.3867	0	20	97	49	146
trans-1,3-Dichloropropene	1	19.1423	0	20	96	48	144
Ethyl methacrylate	1	20.4163	0	20	102	38	160
1,1,2-Trichloroethane	1	20.1136	0	20	101	52	146
1,2-Dibromoethane	1	18.139	0	20	91	55	140
1,3-Dichloropropane	1	18.8883	0	20	94	54	142
4-Methyl-2-Pentanone	1	19.398	0	20	97	41	158
2-Hexanone	1	19.8472	0	20	99	39	163
Tetrachloroethene	1	20.1545	0	20	101	48	156
Toluene	1	19.4999	0	20	97	49	153
1,1,1,2-Tetrachloroethane	1	18.6157	0	20	93	51	140
Chlorobenzene	1	18.5383	0	20	93	43	155
n-Butyl acrylate	1	19.5355	0	20	98	21	181

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Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
n-Amyl acetate	1	19.6339	0	20	98	20	182
Bromoform	**1**	**18.4177**	**0**	**20**	**92**	**47**	**137**
Ethylbenzene	**1**	**20.3648**	**0**	**20**	**102**	**41**	**153**
1,1,2,2-Tetrachloroethane	**1**	**17.7852**	**0**	**20**	**89**	**36**	**152**
Styrene	**1**	**19.7328**	**0**	**20**	**99**	**34**	**170**
m&p-Xylenes	**1**	**38.842**	**0**	**40**	**97**	**16**	**184**
o-Xylene	**1**	**19.4079**	**0**	**20**	**97**	**31**	**166**
trans-1,4-Dichloro-2-butene	1	19.1354	0	20	96	10	154
1,3-Dichlorobenzene	**1**	**18.0559**	**0**	**20**	**90**	**46**	**147**
1,4-Dichlorobenzene	**1**	**18.3065**	**0**	**20**	**92**	**37**	**156**
1,2-Dichlorobenzene	**1**	**18.9172**	**0**	**20**	**95**	**42**	**150**
Isopropylbenzene	**1**	**24.3354**	**4.773**	**20**	**98**	**32**	**174**
Cyclohexanone	1	20.1736	0	100	20	10	254
1,2,3-Trichloropropane	1	19.2749	0	20	96	20	164
2-Chlorotoluene	1	18.3867	0	20	92	43	153
4-Chlorotoluene	1	19.1542	0	20	96	34	160
n-Propylbenzene	1	24.0202	0	20	120	36	170
Bromobenzene	1	19.3014	0	20	97	44	142
1,3,5-Trimethylbenzene	1	18.8326	0	20	94	37	165
Butyl methacrylate	1	20.7065	0	20	104	30	169
t-Butylbenzene	1	18.4337	0	20	92	48	152
1,2,4-Trimethylbenzene	1	17.7387	0	20	89	38	162
sec-Butylbenzene	1	21.0762	0	20	105	42	164
4-Isopropyltoluene	1	17.8217	0	20	89	40	162
n-Butylbenzene	1	30.6702	0	20	153	30	176
1,2,4,5-Tetramethylbenzene	1	38.8672	0	20	194*	18	177
1,2-Dibromo-3-Chloropropane	**1**	**17.987**	**0**	**20**	**90**	**32**	**154**
Hexachlorobutadiene	1	17.9452	0	20	90	23	181
1,2,4-Trichlorobenzene	**1**	**20.4714**	**0**	**20**	**102**	**28**	**169**
1,2,3-Trichlorobenzene	**1**	**21.0296**	**0**	**20**	**105**	**30**	**172**
Naphthalene	1	23.414	0	20	117	13	191

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: MBS128431

	Data File	Sample ID:	Analysis Date
Spike or Dup:	1M211764.D	AD56733-009(MSD:AD56733-0	12/3/2025 1:33:00 AM
Duplicate(If applicable):	1M211763.D	AD56733-008(MS:AD56733-007	12/3/2025 1:14:00 AM
Inst Blank(If applicable):			

Method: 8260D Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
Chlorodifluoromethane	1	17.3904	15.0206	15	78
Dichlorodifluoromethane	1	15.7877	14.8886	5.9	62
Chloromethane	1	19.9379	18.4561	7.7	67
Bromomethane	1	14.5707	13.128	10	65
Vinyl Chloride	1	19.1972	18.5314	3.5	55
Chloroethane	1	23.8952	21.9658	8.4	59
Trichlorofluoromethane	1	24.2925	23.075	5.1	56
Ethyl ether	1	19.0993	18.3493	4	55
Furan	1	20.6847	19.8776	4	55
1,1,2-Trichloro-1,2,2-trifluoroethane	1	18.5054	17.746	4.2	58
Methylene Chloride	1	19.6904	17.6375	11	36
Acrolein	1	67.2788	68.5863	1.9	66
Acrylonitrile	1	18.336	16.8044	8.7	59
Acetone	1	94.7734	89.9087	5.3	85
Carbon Disulfide	1	21.8967	20.1356	8.4	61
t-Butyl Alcohol	1	89.4083	89.6663	0.29	78
n-Hexane	1	17.6798	16.4106	7.4	56
Di-isopropyl-ether	1	19.4539	18.828	3.3	54
1,1-Dichloroethene	1	20.0687	18.9877	5.5	56
Methyl Acetate	1	18.2059	18.5126	1.7	71
Methyl-t-butyl ether	1	19.4093	18.4968	4.8	53
1,1-Dichloroethane	1	20.4041	18.7397	8.5	54
trans-1,2-Dichloroethene	1	19.7625	18.995	4	54
Ethyl-t-butyl ether	1	19.2089	18.1028	5.9	53
cis-1,2-Dichloroethene	1	19.4673	18.7649	3.7	53
Bromochloromethane	1	19.1107	19.1908	0.42	54
2,2-Dichloropropane	1	20.8101	19.0055	9.1	55
Ethyl acetate	1	18.7055	17.8836	4.5	56
1,4-Dioxane	1	953.0176	928.7509	2.6	95
1,1-Dichloropropene	1	20.0854	19.0346	5.4	54
Chloroform	1	19.6078	18.724	4.6	53
Cyclohexane	1	18.8757	17.9333	5.1	55
1,2-Dichloroethane	1	19.503	18.5007	5.3	52
2-Butanone	1	18.8026	17.3989	7.8	58
1,1,1-Trichloroethane	1	20.3636	19.2678	5.5	54
Carbon Tetrachloride	1	20.7204	20.5443	0.85	54
Vinyl Acetate	1	20.4915	19.2109	6.5	55
Bromodichloromethane	1	20.0142	18.2764	9.1	53
Methylcyclohexane	1	18.3747	18.0582	1.7	55
Dibromomethane	1	20.1322	17.5322	14	53
1,2-Dichloropropane	1	19.9484	18.5286	7.4	53
Trichloroethene	1	19.372	19.1535	1.1	54
Benzene	1	19.5592	18.7922	4	52
tert-Amyl methyl ether	1	19.1858	18.0295	6.2	52
Iso-propylacetate	1	18.6709	17.9079	4.2	54
Methyl methacrylate	1	19.0324	18.5211	2.7	55
Dibromochloromethane	1	19.8928	17.165	15	52
2-Chloroethylvinylether	1	0	0	NA	224
cis-1,3-Dichloropropene	1	19.3867	18.2112	6.3	53
trans-1,3-Dichloropropene	1	19.1423	17.6256	8.3	53
Ethyl methacrylate	1	20.4163	18.6918	8.8	55
1,1,2-Trichloroethane	1	20.1136	17.667	13	52
1,2-Dibromoethane	1	18.139	17.2189	5.2	52
1,3-Dichloropropane	1	18.8883	17.2327	9.2	53
4-Methyl-2-Pentanone	1	19.398	18.0692	7.1	69
2-Hexanone	1	19.8472	18.5922	6.5	54
Tetrachloroethene	1	20.1545	18.8186	6.9	53
Toluene	1	19.4999	18.2827	6.4	53
1,1,1,2-Tetrachloroethane	1	18.6157	17.3417	7.1	53
Chlorobenzene	1	18.5383	17.6924	4.7	53
n-Butyl acrylate	1	19.5355	18.3063	6.5	72

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits

QC Batch: MBS128431

Method: 8260D | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
n-Amyl acetate	1	19.6339	18.6657	5.1	72
Bromoform	**1**	**18.4177**	**17.1367**	**7.2**	**54**
Ethylbenzene	**1**	**20.3648**	**18.2612**	**11**	**57**
1,1,2,2-Tetrachloroethane	**1**	**17.7852**	**16.9777**	**4.6**	**58**
Styrene	**1**	**19.7328**	**17.7554**	**11**	**56**
m&p-Xylenes	**1**	**38.842**	**36.625**	**5.9**	**107**
o-Xylene	**1**	**19.4079**	**17.6865**	**9.3**	**55**
trans-1,4-Dichloro-2-butene	1	19.1354	17.6873	7.9	71
1,3-Dichlorobenzene	**1**	**18.0559**	**16.3634**	**9.8**	**53**
1,4-Dichlorobenzene	**1**	**18.3065**	**17.5315**	**4.3**	**68**
1,2-Dichlorobenzene	**1**	**18.9172**	**17.4519**	**8.1**	**53**
Isopropylbenzene	**1**	**24.3354**	**22.757**	**6.7**	**53**
Cyclohexanone	1	20.1736	18.7383	7.4	77
1,2,3-Trichloropropane	1	19.2749	18.5085	4.1	54
2-Chlorotoluene	1	18.3867	17.3801	5.6	55
4-Chlorotoluene	1	19.1542	17.2791	10	55
n-Propylbenzene	1	24.0202	22.3264	7.3	51
Bromobenzene	1	19.3014	18.5735	3.8	72
1,3,5-Trimethylbenzene	1	18.8326	17.3723	8.1	56
Butyl methacrylate	1	20.7065	19.2788	7.1	83
t-Butylbenzene	1	18.4337	16.9547	8.4	70
1,2,4-Trimethylbenzene	1	17.7387	16.7226	5.9	72
sec-Butylbenzene	1	21.0762	19.9627	5.4	54
4-Isopropyltoluene	1	17.8217	17.0585	4.4	69
n-Butylbenzene	1	30.6702	18.977	47	55
1,2,4,5-Tetramethylbenzene	1	38.8672	36.6602	5.8	51
1,2-Dibromo-3-Chloropropane	**1**	**17.987**	**16.3246**	**9.7**	**56**
Hexachlorobutadiene	1	17.9452	15.7143	13	69
1,2,4-Trichlorobenzene	**1**	**20.4714**	**18.5425**	**9.9**	**87**
1,2,3-Trichlorobenzene	**1**	**21.0296**	**19.1124**	**9.6**	**81**
Naphthalene	1	23.414	21.5082	8.5	80

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

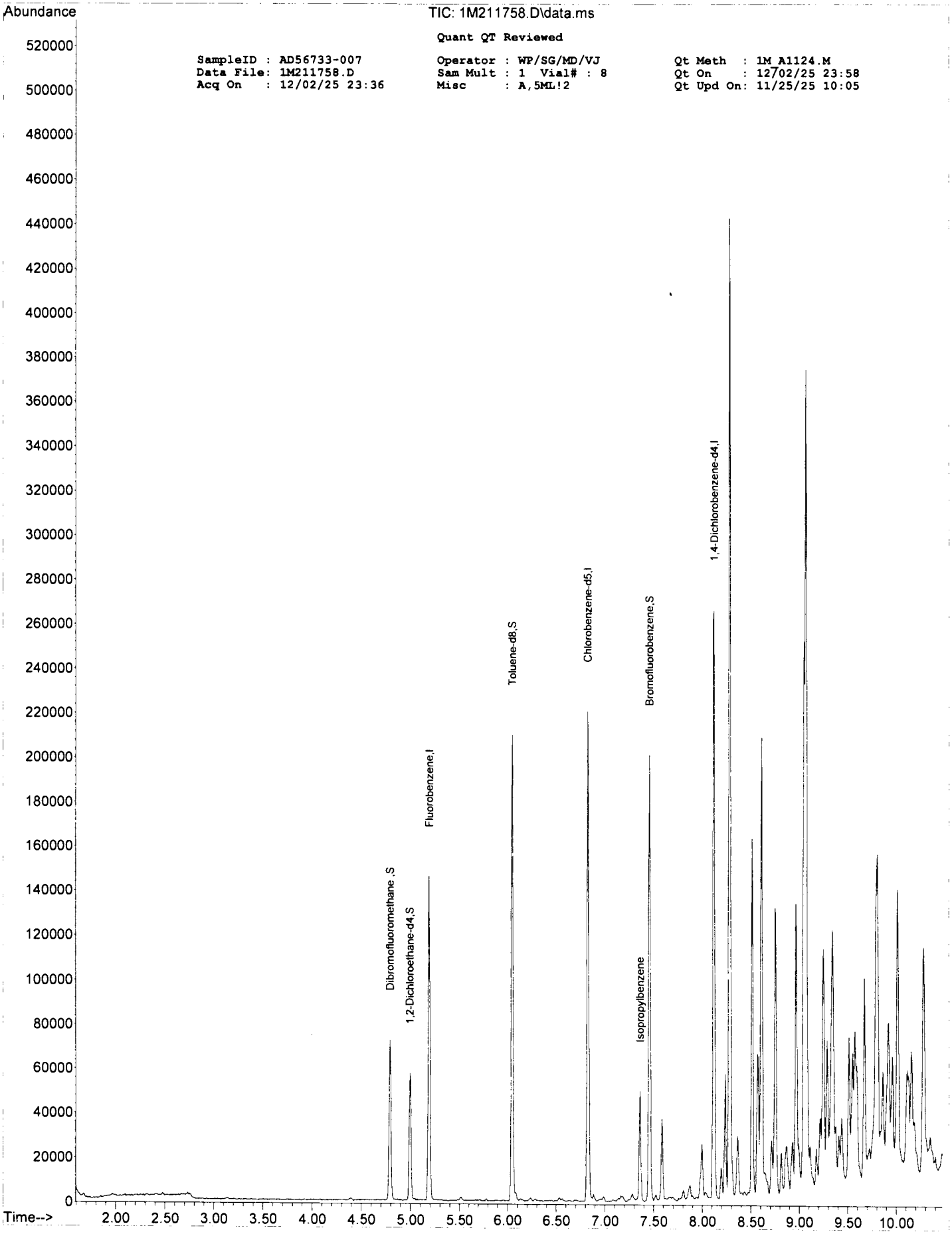
Quantitation Report (QT Reviewed)

SampleID : AD56733-007 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211758.D Sam Mult : 1 Vial# : 8 Qt On : 12/02/25 23:58
Acq On : 12/02/25 23:36 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	88888	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	92924	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	58733	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	27028	30.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.93%			
38) 1,2-Dichloroethane-d4	4.995	67	13970	31.34	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.47%			
65) Toluene-d8	6.050	98	98047	30.03	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.10%			
75) Bromofluorobenzene	7.458	174	46563	29.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.00%			
Target Compounds						Qvalue
83) Isopropylbenzene	7.360	105	23544	4.7730	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211758.D\data.ms
Quant QT Reviewed
SampleID : AD56733-007
Data File: 1M211758.D
Acq On : 12/02/25 23:36
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 8
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/02/25 23:58
Qt Upd On: 11/25/25 10:05
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
Isopropylbenzene
1,4-Dichlorobenzene-d4,I
Time-->

Quantitation Report (QT Reviewed)

SampleID : AD56733-008(MS:AD56 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211763.D Sam Mult : 1 Vial# : 11 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:14 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	84312	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	89134	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	57623	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	26162	31.21	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.03%			
38) 1,2-Dichloroethane-d4	4.995	67	12497	29.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.53%			
65) Toluene-d8	6.050	98	96686	30.88	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.93%			
75) Bromofluorobenzene	7.458	174	45510	29.29	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.63%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	16918	15.0206	ug/l	69
6) Dichlorodifluoromethane	1.709	85	19973	14.8886	ug/l	97
7) Chloromethane	1.892	50	20102	18.4561	ug/l	87
8) Bromomethane	2.313	94	13517	13.1280	ug/l	94
9) Vinyl Chloride	1.996	62	24355	18.5314	ug/l	95
10) Chloroethane	2.404	64	18133	21.9658	ug/l	86
11) Trichlorofluoromethane	2.642	101	53406	23.0750	ug/l	99
12) Ethyl ether	2.886	59	17373	18.3493	ug/l	97
13) Furan	2.928	39	26354	19.8776	ug/l	94
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	18319	17.7460	ug/l	95
15) Methylene Chloride	3.514	84	19652	17.6375	ug/l	97
16) Acrolein	3.002	56	14230	68.5863	ug/l	90
17) Acrylonitrile	3.721	53	9633	16.8044	ug/l	80
18) Acetone	3.136	43	40606	89.9087	ug/l	87
19) Carbon Disulfide	3.319	76	52520	20.1356	ug/l	100
20) t-Butyl Alcohol	3.593	59	15135	89.6663	ug/l	82
21) n-Hexane	3.995	57	14806	16.4106	ug/l	96
22) Di-isopropyl-ether	4.142	45	50285	18.8280	ug/l	100
23) 1,1-Dichloroethene	3.105	61	27000	18.9877	ug/l	82
24) Methyl Acetate	3.422	43	18537	18.5126	ug/l	100
25) Methyl-t-butyl ether	3.764	73	58150	18.4968	ug/l	97
26) 1,1-Dichloroethane	4.105	63	32205	18.7397	ug/l	96
27) trans-1,2-Dichloroethene	3.764	96	22367	18.9950	ug/l	91
28) Ethyl-t-butyl ether	4.398	59	55010	18.1028	ug/l	98
29) cis-1,2-Dichloroethene	4.507	61	32813	18.7649	ug/l	87
30) Bromochloromethane	4.660	49	15190	19.1908	ug/l	74
31) 2,2-Dichloropropane	4.513	77	28464	19.0055	ug/l	89
32) Ethyl acetate	4.532	43	24328	17.8836	ug/l	96
33) 1,4-Dioxane	5.580	88	24021	928.7509	ug/l	89
34) 1,1-Dichloropropene	4.922	75	27744	19.0346	ug/l	88
35) Chloroform	4.696	83	37698	18.7240	ug/l	98
37) Cyclohexane	4.873	56	22618	17.9333	ug/l	98
39) 1,2-Dichloroethane	5.038	62	29246	18.5007	ug/l	97
40) 2-Butanone	4.501	43	12125m	17.3989	ug/l	
41) 1,1,1-Trichloroethane	4.824	97	34304	19.2678	ug/l	99
42) Carbon Tetrachloride	4.928	117	31556	20.5443	ug/l	97
43) Vinyl Acetate	4.123	43	66198	19.2109	ug/l	100
44) Bromodichloromethane	5.653	83	27256	18.2764	ug/l	95
45) Methylcyclohexane	5.513	83	23181	18.0582	ug/l	94
46) Dibromomethane	5.586	174	18625	17.5322	ug/l	93
47) 1,2-Dichloropropane	5.519	63	18807	18.5286	ug/l	99
48) Trichloroethene	5.397	130	25915	19.1535	ug/l	87
49) Benzene	5.044	78	77399	18.7922	ug/l	100
50) tert-Amyl methyl ether	5.086	73	54279	18.0295	ug/l	99
52) Iso-propylacetate	5.038	43	41932	17.9079	ug/l	94
53) Methyl methacrylate	5.544	41	17802	18.5211	ug/l	86
54) Dibromochloromethane	6.507	129	24850	17.1650	ug/l	99
56) cis-1,3-Dichloropropene	5.891	75	30230	18.2112	ug/l	94
57) trans-1,3-Dichloropropene	6.178	75	28125	17.6256	ug/l	98
58) Ethyl methacrylate	6.196	41	18223	18.6918	ug/l	93
59) 1,1,2-Trichloroethane	6.281	97	20570	17.6670	ug/l	94
60) 1,2-Dibromoethane	6.586	107	23504	17.2189	ug/l	99
61) 1,3-Dichloropropane	6.379	76	32925	17.2327	ug/l	98
62) 4-Methyl-2-Pentanone	5.958	43	25230	18.0692	ug/l	99
63) 2-Hexanone	6.391	43	18972	18.5922	ug/l	94
64) Tetrachloroethene	6.385	164	20673	18.8186	ug/l	99
66) Toluene	6.086	92	52032	18.2827	ug/l	87
67) 1,1,1,2-Tetrachloroethane	6.879	133	20027	17.3417	ug/l	95
68) Chlorobenzene	6.842	112	60289	17.6924	ug/l	98

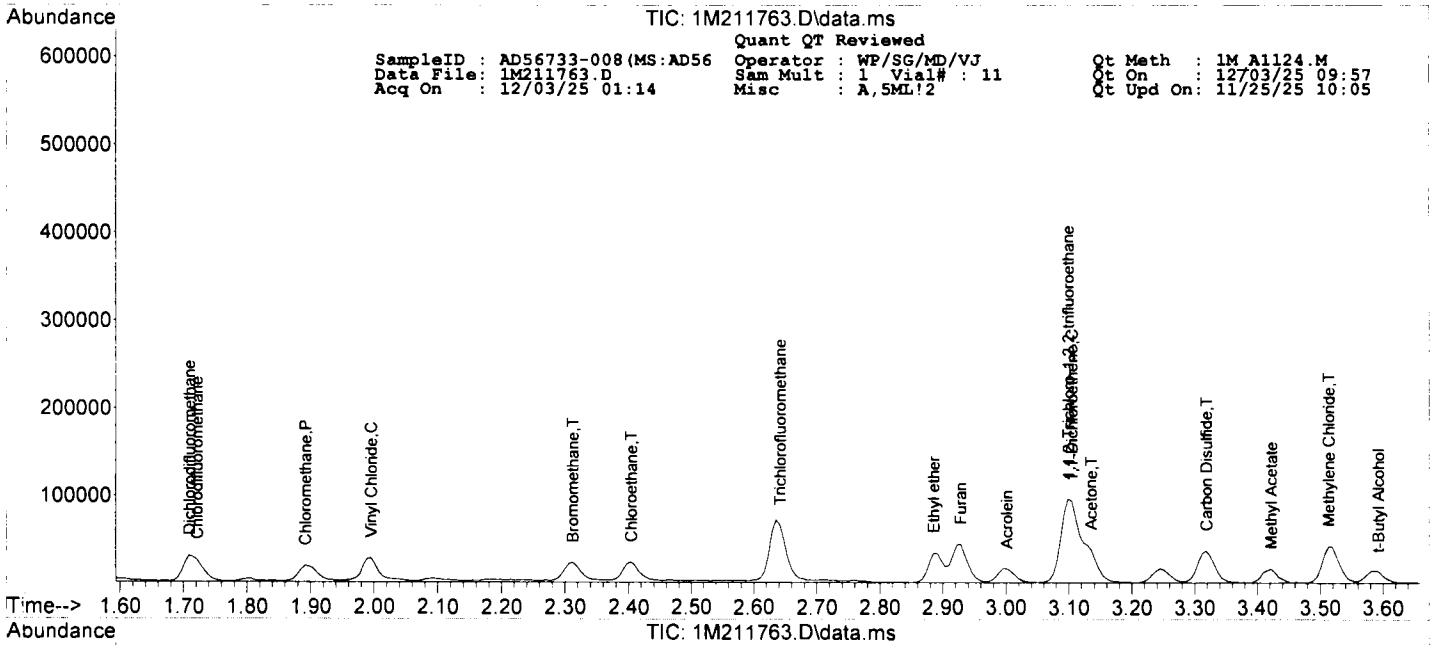
Quantitation Report (QT Reviewed)

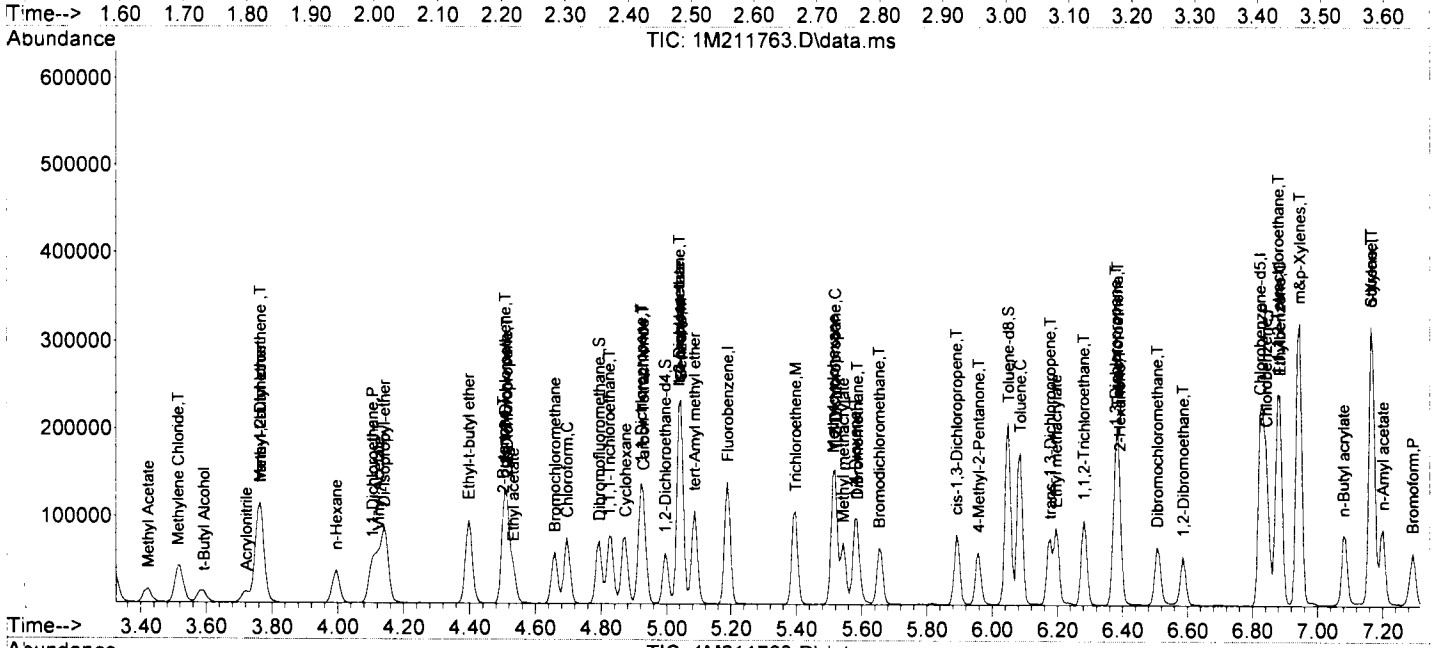
SampleID : AD56733-008(MS:AD56 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211763.D Sam Mult : 1 Vial# : 11 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:14 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

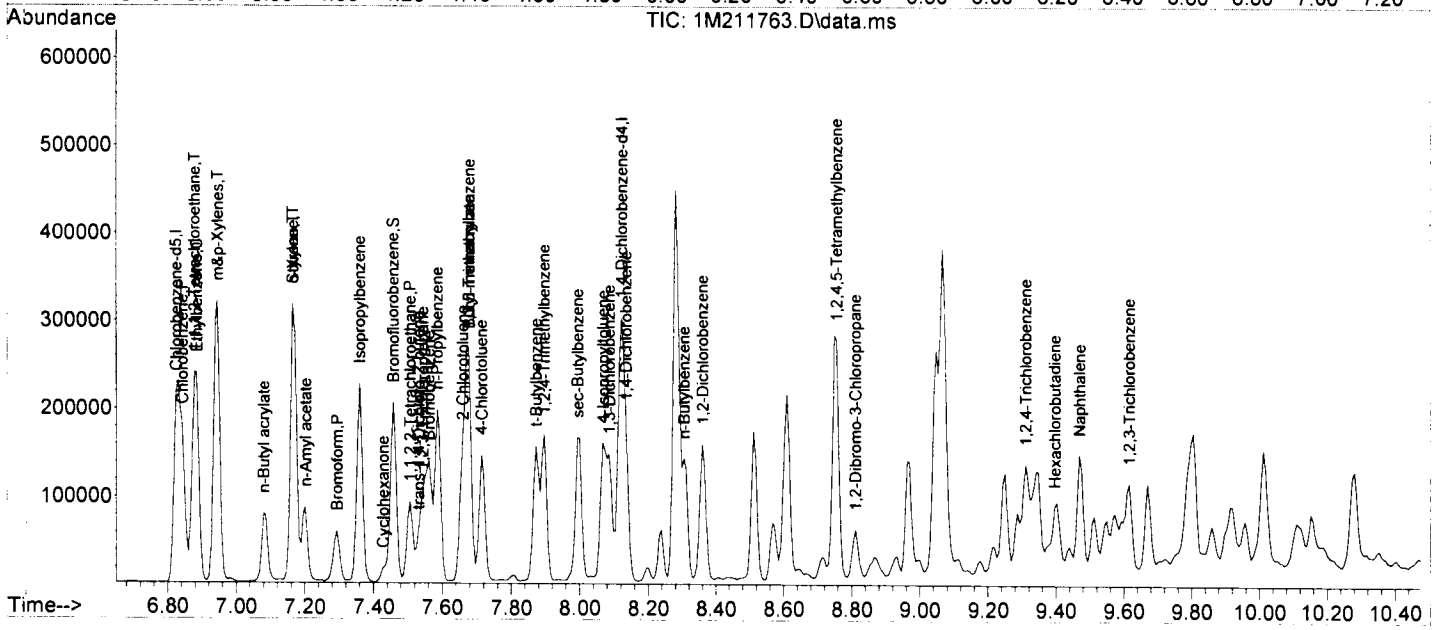
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70)	n-Butyl acrylate	7.080	55	36134	18.3063	ug/l	94
71)	n-Amyl acetate	7.202	43	32053	18.6657	ug/l	96
72)	Bromoform	7.293	173	19403	17.1367	ug/l	96
73)	Ethylbenzene	6.885	106	25732	18.2612	ug/l	96
74)	1,1,2,2-Tetrachloroethane	7.507	83	30392	16.9777	ug/l	95
76)	Styrene	7.165	104	60631	17.7554	ug/l	99
77)	m&p-Xylenes	6.946	106	72844	36.6250	ug/l	92
78)	o-Xylene	7.165	106	35986	17.6865	ug/l	98
79)	trans-1,4-Dichloro-2-b...	7.531	53	7329	17.6873	ug/l	73
80)	1,3-Dichlorobenzene	8.086	146	42952	16.3634	ug/l	93
81)	1,4-Dichlorobenzene	8.135	146	45593	17.5315	ug/l	95
82)	1,2-Dichlorobenzene	8.360	146	43686	17.4519	ug/l	91
83)	Isopropylbenzene	7.360	105	110134	22.7570	ug/l	98
84)	Cyclohexanone	7.427	55	5232	18.7383	ug/l	87
85)	1,2,3-Trichloropropane	7.543	75	37725	18.5085	ug/l	93
86)	2-Chlorotoluene	7.659	91	47526	17.3801	ug/l	97
87)	4-Chlorotoluene	7.714	91	50124	17.2791	ug/l	98
88)	n-Propylbenzene	7.586	91	113480	22.3264	ug/l	99
89)	Bromobenzene	7.562	77	48701	18.5735	ug/l	69
90)	1,3,5-Trimethylbenzene	7.677	105	65400	17.3723	ug/l	96
91)	Butyl methacrylate	7.677	41	21771	19.2788	ug/l	80
92)	t-Butylbenzene	7.872	119	65480	16.9547	ug/l	92
93)	1,2,4-Trimethylbenzene	7.897	105	67850	16.7226	ug/l	96
94)	sec-Butylbenzene	7.994	105	87582	19.9627	ug/l	96
95)	4-Isopropyltoluene	8.068	119	65698	17.0585	ug/l	95
96)	n-Butylbenzene	8.305	91	56582m	18.9770	ug/l	
97)	1,2,4,5-Tetramethylben...	8.756	119	120207	36.6602	ug/l	99
98)	1,2-Dibromo-3-Chloropr...	8.811	157	8470	16.3246	ug/l	72
99)	Hexachlorobutadiene	9.397	225	9485	15.7143	ug/l	96
100)	1,2,4-Trichlorobenzene	9.311	180	24676m	18.5425	ug/l	
101)	1,2,3-Trichlorobenzene	9.616	180	22879m	19.1124	ug/l	
102)	Naphthalene	9.470	128	84377	21.5082	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M211763.D\data.ms
Quant QT Reviewed
SampleID : AD56733-008(MS:AD56
Data File: 1M211763.D
Acq On : 12/03/25 01:14
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 11
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211763.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
m&p-Xylenes,T
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211763.D\data.ms
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : AD56733-009(MSD:AD5 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211764.D Sam Mult : 1 Vial# : 12 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:33 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	5.190	96	81505	30.00	ug/l	0.00
51) Chlorobenzene-d5	6.824	117	84937	30.00	ug/l	0.00
69) 1,4-Dichlorobenzene-d4	8.122	152	55508	30.00	ug/l	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.794	111	25577	31.56	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.20%			
38) 1,2-Dichloroethane-d4	4.995	67	12349	30.21	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.70%			
65) Toluene-d8	6.050	98	91968	30.82	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.73%			
75) Bromofluorobenzene	7.458	174	44311	29.61	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.70%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.721	51	18935	17.3904	ug/l	80
6) Dichlorodifluoromethane	1.709	85	20474	15.7877	ug/l	94
7) Chloromethane	1.892	50	20993	19.9379	ug/l	100
8) Bromomethane	2.306	94	14503	14.5707	ug/l	96
9) Vinyl Chloride	1.989	62	24390	19.1972	ug/l	95
10) Chloroethane	2.404	64	19069	23.8952	ug/l	93
11) Trichlorofluoromethane	2.636	101	54352	24.2925	ug/l	94
12) Ethyl ether	2.886	59	17481	19.0993	ug/l	100
13) Furan	2.928	39	26511	20.6847	ug/l	96
14) 1,1,2-Trichloro-1,2,2-...	3.099	101	18467	18.5054	ug/l	95
15) Methylene Chloride	3.514	84	21209	19.6904	ug/l	97
16) Acrolein	3.001	56	13494	67.2788	ug/l	97
17) Acrylonitrile	3.715	53	10161	18.3360	ug/l	82
18) Acetone	3.129	43	41378	94.7734	ug/l	85
19) Carbon Disulfide	3.318	76	55212	21.8967	ug/l	100
20) t-Butyl Alcohol	3.587	59	14589	89.4083	ug/l	70
21) n-Hexane	3.995	57	15420	17.6798	ug/l	98
22) Di-isopropyl-ether	4.141	45	50227	19.4539	ug/l	98
23) 1,1-Dichloroethene	3.099	61	27587	20.0687	ug/l	90
24) Methyl Acetate	3.416	43	17623	18.2059	ug/l	100
25) Methyl-t-butyl ether	3.757	73	58987	19.4093	ug/l	97
26) 1,1-Dichloroethane	4.105	63	33898	20.4041	ug/l	98
27) trans-1,2-Dichloroethene	3.763	96	22496	19.7625	ug/l	95
28) Ethyl-t-butyl ether	4.398	59	56428	19.2089	ug/l	97
29) cis-1,2-Dichloroethene	4.507	61	32908	19.4673	ug/l	90
30) Bromochloromethane	4.660	49	14623	19.1107	ug/l	70
31) 2,2-Dichloropropane	4.513	77	30129	20.8101	ug/l	96
32) Ethyl acetate	4.532	43	24599	18.7055	ug/l	97
33) 1,4-Dioxane	5.580	88	23828	953.0176	ug/l	84
34) 1,1-Dichloropropene	4.922	75	28301	20.0854	ug/l	92
35) Chloroform	4.696	83	38163	19.6078	ug/l	99
37) Cyclohexane	4.873	56	23014	18.8757	ug/l	95
39) 1,2-Dichloroethane	5.038	62	29804	19.5030	ug/l	98
40) 2-Butanone	4.501	43	12667m	18.8026	ug/l	
41) 1,1,1-Trichloroethane	4.830	97	35048	20.3636	ug/l	98
42) Carbon Tetrachloride	4.928	117	30767	20.7204	ug/l	97
43) Vinyl Acetate	4.123	43	68260	20.4915	ug/l	100
44) Bromodichloromethane	5.653	83	28854	20.0142	ug/l	97
45) Methylcyclohexane	5.513	83	22802	18.3747	ug/l	96
46) Dibromomethane	5.586	174	20675	20.1322	ug/l	84
47) 1,2-Dichloropropane	5.519	63	19574	19.9484	ug/l	94
48) Trichloroethene	5.397	130	25338	19.3720	ug/l	96
49) Benzene	5.044	78	77876	19.5592	ug/l	100
50) tert-Amyl methyl ether	5.086	73	55837	19.1858	ug/l	99
52) Iso-propylacetate	5.038	43	41660	18.6709	ug/l	97
53) Methyl methacrylate	5.544	41	17432	19.0324	ug/l	98
54) Dibromochloromethane	6.507	129	27443	19.8928	ug/l	96
56) cis-1,3-Dichloropropene	5.891	75	30666	19.3867	ug/l	96
57) trans-1,3-Dichloropropene	6.178	75	29107	19.1423	ug/l	98
58) Ethyl methacrylate	6.196	41	18967	20.4163	ug/l	91
59) 1,1,2-Trichloroethane	6.281	97	22316	20.1136	ug/l	93
60) 1,2-Dibromoethane	6.586	107	23594	18.1390	ug/l	96
61) 1,3-Dichloropropane	6.379	76	34389	18.8883	ug/l	98
62) 4-Methyl-2-Pentanone	5.958	43	25810	19.3980	ug/l	99
63) 2-Hexanone	6.391	43	19299	19.8472	ug/l	97
64) Tetrachloroethene	6.385	164	21098	20.1545	ug/l	100
66) Toluene	6.086	92	52883	19.4999	ug/l	96
67) 1,1,1,2-Tetrachloroethane	6.873	133	20486	18.6157	ug/l	99
68) Chlorobenzene	6.842	112	60197	18.5383	ug/l	96

Quantitation Report (QT Reviewed)

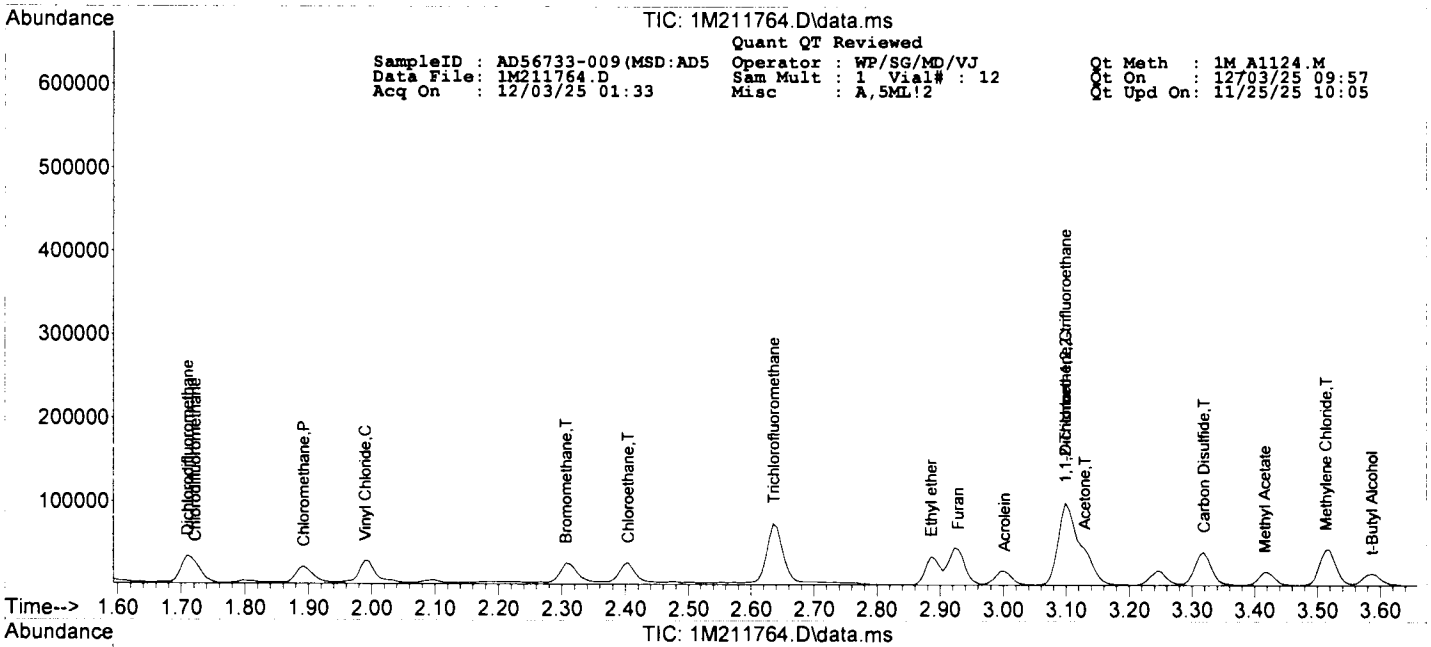
SampleID : AD56733-009(MSD:AD5 Operator : WP/SG/MD/VJ Qt Meth : 1M_A1124.M
Data File: 1M211764.D Sam Mult : 1 Vial# : 12 Qt On : 12/03/25 09:57
Acq On : 12/03/25 01:33 Misc : A,5ML!2 Qt Upd On: 11/25/25 10:05

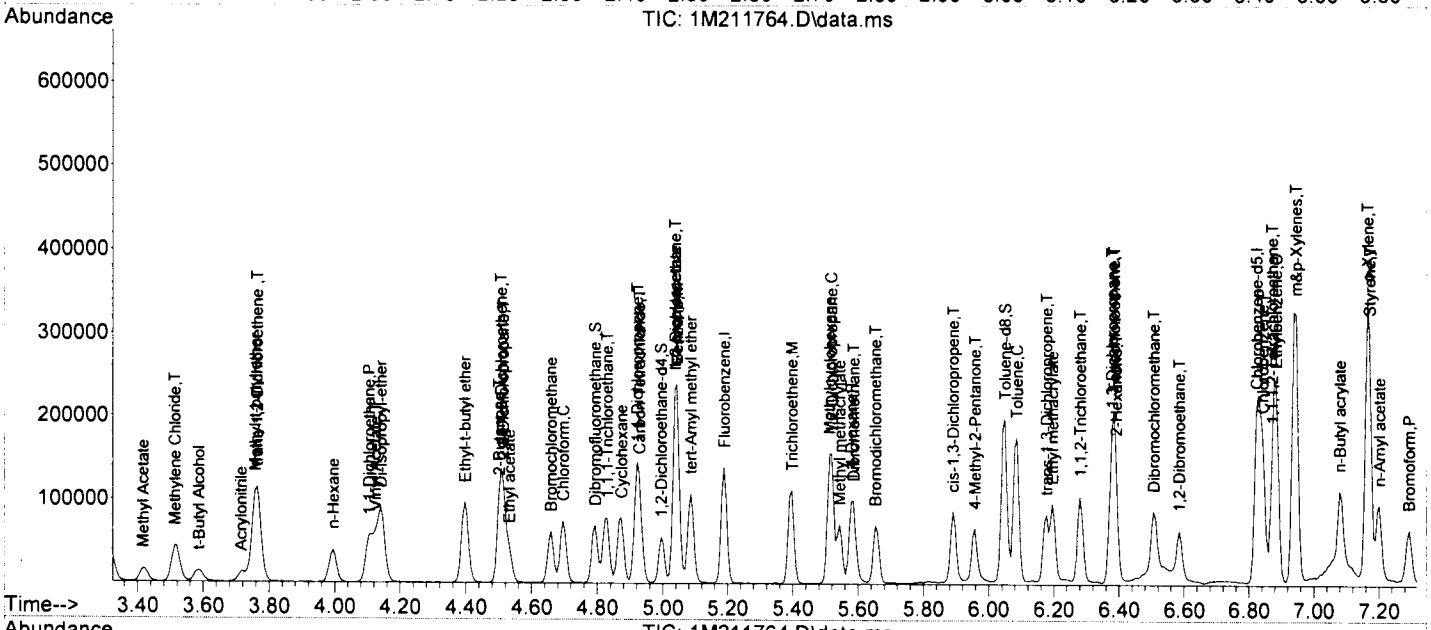
Data Path : G:\GcMsData\2025\GCMS_1\Data\12-0225\
Qt Path : G:\GcMsData\2025\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

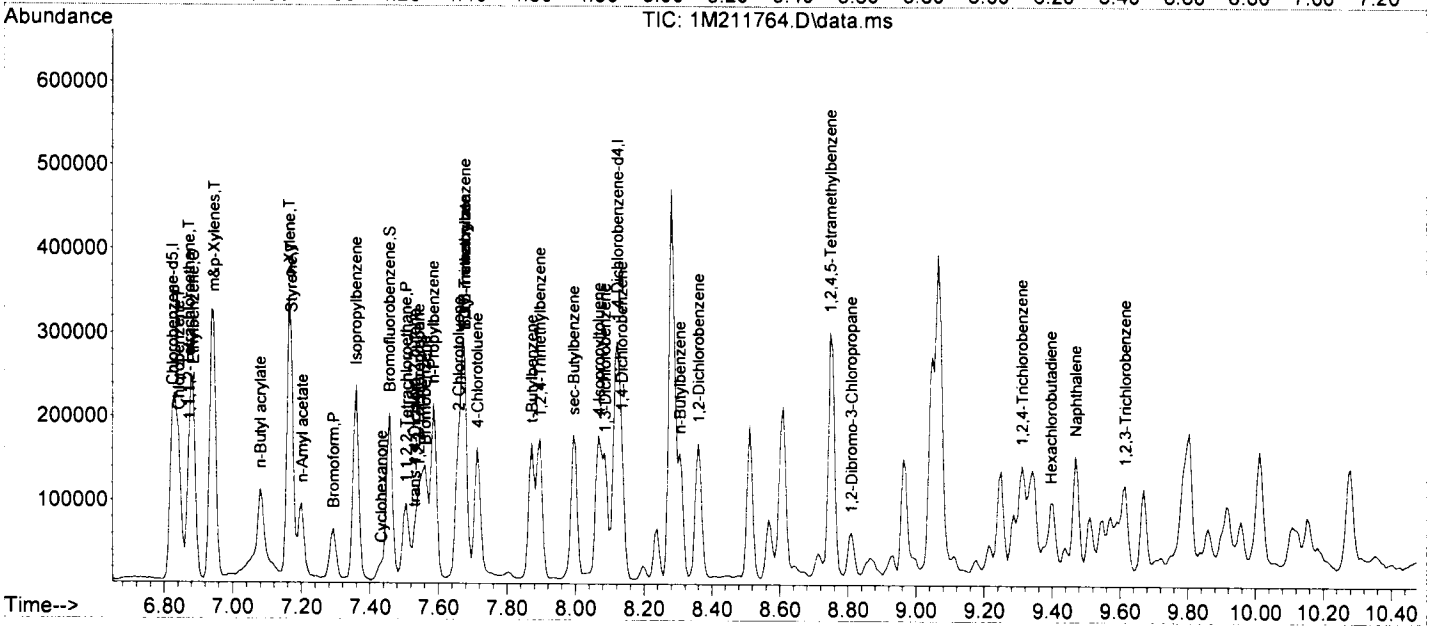
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70)	n-Butyl acrylate	7.080	55	37145	19.5355	ug/l	94
71)	n-Amyl acetate	7.202	43	32478	19.6339	ug/l	97
72)	Bromoform	7.293	173	20088	18.4177	ug/l	99
73)	Ethylbenzene	6.885	106	27643	20.3648	ug/l	80
74)	1,1,2,2-Tetrachloroethane	7.507	83	30669	17.7852	ug/l	99
76)	Styrene	7.171	104	64910	19.7328	ug/l	94
77)	m&p-Xylenes	6.946	106	74418	38.8420	ug/l	88
78)	o-Xylene	7.165	106	38039	19.4079	ug/l	100
79)	trans-1,4-Dichloro-2-b...	7.531	53	7638	19.1354	ug/l	72
80)	1,3-Dichlorobenzene	8.086	146	45655	18.0559	ug/l	93
81)	1,4-Dichlorobenzene	8.135	146	45861	18.3065	ug/l	95
82)	1,2-Dichlorobenzene	8.360	146	45616	18.9172	ug/l	93
83)	Isopropylbenzene	7.360	105	113450	24.3354	ug/l	100
84)	Cyclohexanone	7.434	55	5426	20.1736	ug/l	87
85)	1,2,3-Trichloropropane	7.543	75	37845	19.2749	ug/l	91
86)	2-Chlorotoluene	7.659	91	48433	18.3867	ug/l	98
87)	4-Chlorotoluene	7.714	91	53524	19.1542	ug/l	97
88)	n-Propylbenzene	7.586	91	117608	24.0202	ug/l	98
89)	Bromobenzene	7.562	77	48752	19.3014	ug/l	70
90)	1,3,5-Trimethylbenzene	7.677	105	68295	18.8326	ug/l	98
91)	Butyl methacrylate	7.677	41	22525	20.7065	ug/l	80
92)	t-Butylbenzene	7.872	119	68579	18.4337	ug/l	91
93)	1,2,4-Trimethylbenzene	7.897	105	69331	17.7387	ug/l	95
94)	sec-Butylbenzene	7.994	105	89073	21.0762	ug/l	95
95)	4-Isopropyltoluene	8.068	119	66118	17.8217	ug/l	96
96)	n-Butylbenzene	8.305	91	88090	30.6702	ug/l	90
97)	1,2,4,5-Tetramethylben...	8.750	119	122766	38.8672	ug/l	99
98)	1,2-Dibromo-3-Chloropr...	8.811	157	8990	17.9870	ug/l	69
99)	Hexachlorobutadiene	9.397	225	10434	17.9452	ug/l	96
100)	1,2,4-Trichlorobenzene	9.311	180	26243m	20.4714	ug/l	
101)	1,2,3-Trichlorobenzene	9.616	180	24250m	21.0296	ug/l	
102)	Naphthalene	9.470	128	88482	23.4140	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 1M211764.D\data.ms
Quant QT Reviewed
SampleID : AD56733-009(MSD:AD5
Data File: 1M211764.D
Acq On : 12/03/25 01:33
Operator : WP/SG/MD/VJ
Sam Mult : 1 Vial# : 12
Misc : A,5ML!2
Qt Meth : 1M_A1124.M
Qt On : 12/03/25 09:57
Qt Upd On: 11/25/25 10:05
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Ethyl ether
Furan
Acrolein
Acetone,T
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Time-->


Abundance
TIC: 1M211764.D\data.ms
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
Ethyl-t-butyl ether
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Time-->


Abundance
TIC: 1M211764.D\data.ms
m&p-Xylenes,T
n-Butyl acrylate
n-Amyl acetate
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
4-Chlorotoluene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Logbook Data

RUN LOG

Instrument: GCMS_1 Year: 2025
Analyst: JR/WP/SG

1-1-1M211467

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M211467.	BFB TUNE		V-452244,V-447846,V-453469	JR 11/25/25						11/24 22:50
1M211469.	CAL @ 0.5 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/24 23:24
1M211470.	CAL @ 1 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/24 23:44
1M211471.	CAL @ 5 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 00:03
1M211473.	CAL @ 10 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 00:43
1M211475.	CAL @ 20 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 01:22
1M211477.	CAL @ 50 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 02:01
1M211480.	CAL @ 100 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 03:00
1M211483.	CAL @ 250 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 03:58
1M211487.	CAL @ 500 PPB		B-40295	JR 11/25/25		Aqueous	1	1	624\8260	11/25 05:17
1M211493.	std	Bnf				Aqueous	1	1	624\8260	11/25 07:14
1M211494.	ICV	Bnf	V-453479	JR 11/25/25		Aqueous	1	1	624\8260	11/25 07:34

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 ... not checked
Bfm	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Cro	C30/C20 failed for eob
Bfm	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C1f	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	Evrc	Eval Mix mission ddt or endpo
C1f	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R1f R2f	Rpd Out on MsMsd (col1 and or col2) 600 series
C2f	Calibration Column 2 Out (600 Series)	I1f I2f	Initial cal 600 series failed Column 1 and or 2	R1f R2f	Rpd Out on MsMsd (col1 and or col2) 8000 series
C2f	Calibration Column 2 Out (8000 Series)	I1f I2f	Initial cal 8000 series failed Column 1 and or 2	Ro	Retention Time Out Or %Diff Out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rtn	Can't Calculate Drift
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	S6	600 series surrogate out
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

RUN LOG

Instrument: GCMS_1 Year: 2025
Analyst: WP/SG/M

1-1-1M211751

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M211751.	BFB TUNE		V-452244,V-447846,V-453469,V-453835	MD 12/03/25						12/02 21:23
1M211753.	20 PPB	CnAnc				Aqueous	1	1	624\8260	12/02 21:58
1M211754.	CAL @ 20 PPB		OK	MD 12/03/25		Aqueous	1	1	624\8260	12/02 22:18
1M211756.	DAILY BLANK		OK	MD 12/03/25		Aqueous	1	1	624\8260	12/02 22:57
1M211757.	DAILY BLANK		OK	MD 12/03/25		Aqueous	1	1	624\8260	12/02 23:16
1M211758.	AD56733-007		OK MBS128431	MD 12/03/25	VO-8260	Aqueous	1	1	624\8260	12/02 23:36
1M211759.	AD56733-010		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/02 23:55
1M211760.	AD56733-003		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 00:15
1M211761.	MBS128430	M16	OK MBS128430	MD 12/03/25		Aqueous	1	1	624\8260	12/03 00:35
1M211762.	MBS128431		OK MBS128431	MD 12/03/25		Aqueous	1	1	624\8260	12/03 00:54
1M211763.	AD56733-008(MS:A	M16M18	OK MBS128431	MD 12/03/25	VO-8260	Aqueous	1	1	624\8260	12/03 01:14
1M211764.	AD56733-009(MSD:M	16M18	OK MBS128431	MD 12/03/25	VO-8260	Aqueous	1	1	624\8260	12/03 01:33
1M211765.	AD56657-007(50X)(	M16M18	OK MBS128430	MD 12/03/25	VOTCLP-826	Aqueous	1	50	624\8260	12/03 01:53
1M211766.	AD56657-007(50X)(	M16M18	OK MBS128430	MD 12/03/25	VOTCLP-826	Aqueous	1	50	624\8260	12/03 02:13
1M211767.	AD56657-007(50X)(		OK MBS128430	MD 12/03/25	VOTCLP-826	Aqueous	1	50	624\8260	12/03 02:32
1M211768.	AD56657-008(50X)(		OK	MD 12/03/25	VOTCLP-826	Aqueous	1	50	624\8260	12/03 02:52
1M211769.	AD56657-009(50X)(		OK	MD 12/03/25	VOTCLP-826	Aqueous	1	50	8260D	12/03 03:12
1M211770.	AD56657-010(50X)(		OK	MD 12/03/25	VOTCLP-826	Aqueous	1	50	8260D	12/03 03:32
1M211771.	AD56657-011(50X)(		OK	MD 12/03/25	VOTCLP-826	Aqueous	1	50	8260D	12/03 03:52
1M211772.	AD56657-012(50X)(		OK	MD 12/03/25	VOTCLP-826	Aqueous	1	50	8260D	12/03 04:12
1M211773.	AD56733-001		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 04:31
1M211774.	AD56743-011		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 04:51
1M211775.	AD56733-002		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 05:10
1M211776.	AD56733-004		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 05:30
1M211777.	AD56733-005		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 05:49
1M211778.	AD56733-006		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 06:09
1M211779.	AD56733-011		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 06:28
1M211780.	AD56743-001		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 06:48
1M211781.	AD56743-007		OK	MD 12/03/25	VO-8260	Aqueous	1	1	8260D	12/03 07:07
1M211782.	56743-002		RR-20X Ocf	MD 12/03/25		Aqueous	1	1	624\8260	12/03 07:27
1M211783.	56743-004		RR-10X Ocf	MD 12/03/25		Aqueous	1	1	624\8260	12/03 07:46
1M211784.	STD					Aqueous	1	1	624\8260	12/03 08:06

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 ... not checked
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Cro	C30/C20 failed for eoh
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C1M	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	Evrc	Eval Mix missing rdt or eodrp
C1N	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C2M	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C2N	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Ro	Retention Time Out Or %Diff Out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rto	Can't Calculate Diff
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	S6	600 series surrogate out
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-433703

Prepared By: Revolus, Jean
Description: Voa Extra Add Mix
Prep Date: 1/24/2025
Expiration Date: 1/24/2026
Department: Organics
BatchNumber:
Concentration: 2000-20000 p
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 01/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
13192	n-Amyl acetate	20 mg	NEAT	2000 ppm
13194	n-Butyl acrylate	20 mg	Neat	2000 ppm
13195	Methyl methacrylate	20 mg	Neat	2000 ppm
14553	Ethyl methacrylate	20 mg	NEAT	2000 ppm
14550	Butyl methacrylate	20 mg	NEAT	2000 ppm
15140	Methanol	10 ml	Neat neat	
16383	Isopropyl Acetate	20 mg	NEAT	2000 ppm
16381	Ethyl Acetate	20 mg	NEAT	2000 ppm

Veritech Lot Number: V-433704

Prepared By: Revolus, Jean
Description: Voa Extra Add Mix(2nd Source)
Prep Date: 1/24/2025
Expiration Date: 1/24/2026
Department: Organics
BatchNumber:
Concentration: 2000-20000 p
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 01/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
13192	n-Amyl acetate	20 mg	NEAT	2000 ppm
13194	n-Butyl acrylate	20 mg	Neat	2000 ppm
13195	Methyl methacrylate	20 mg	Neat	2000 ppm
14553	Ethyl methacrylate	20 mg	NEAT	2000 ppm
14550	Butyl methacrylate	20 mg	NEAT	2000 ppm
15140	Methanol	10 ml	Neat neat	
16383	Isopropyl Acetate	20 mg	NEAT	2000 ppm
16381	Ethyl Acetate	20 mg	NEAT	2000 ppm

Veritech Lot Number: V-433706

Prepared By: Revolus, Jean
Description: VOA ADD MIX
Prep Date: 1/24/2025
Expiration Date: 1/24/2026
Department: Organics
BatchNumber:
Concentration: 5000/25000 p
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 01/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	50 mg	NEAT	5000 ppm
15377	Cyclohexanone	250 mg	NEAT	25000 ppm
15140	Methanol		Neat neat	

Veritech Lot Number: V-433707

Prepared By: Revolus, Jean
Description: VOA ADD MIX(2nd Source)
Prep Date: 1/24/2025
Expiration Date: 1/24/2026
Department: Organics
BatchNumber:
Concentration: 5000/25000 p
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 01/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	50 mg	NEAT	5000 ppm
15377	Cyclohexanone	250 mg	NEAT	25000 ppm
15140	Methanol		Neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-433708

Prepared By: Revolus, Jean
Description: Ethyl ether/Furan Mix
Prep Date: 1/24/2025
Expiration Date: 1/24/2026
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 01/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
15140	Methanol	10 ml	Neat neat	
16382	Ethyl Ether	50 mg	NEAT	5000 ppm
11587	Furan	50 mg	NEAT neat	5000 ppm

Veritech Lot Number: V-433709

Prepared By: Revolus, Jean
Description: Ethyl ether/Furan Mix(2nd Source)
Prep Date: 1/24/2025
Expiration Date: 1/24/2026
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 01/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
15140	Methanol	10 ml	Neat neat	
16382	Ethyl Ether	50 mg	NEAT	5000 ppm
11587	Furan	50 mg	NEAT neat	5000 ppm

Veritech Lot Number: V-447846

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 9/10/2025
Expiration Date: 9/10/2026
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 09/17/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16554	Methanol	88 ml	neat neat	
16117	8260A Internal Standard Mix	6 ml	2500 ppm	150 ppm
16116	8260A Surrogate Mix	6 ml	2500 ppm	150 ppm

Veritech Lot Number: V-452244

Prepared By: Jenison, Victoria
Description: BFB Tune Mix
Prep Date: 11/5/2025
Expiration Date: 3/10/2026
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1.5 ml
ApprovedBy: akmal
ApproveDate: 11/05/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-447846	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
14606	Methanol	1000 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-452664

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 11/10/2025
Expiration Date: 1/10/2026
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: AKMAL
ApproveDate: 11/13/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16554	Methanol	220 ul	neat neat	neat
16009	502.2 Calibration Mix #1(Gases)	100 ul	2000 ppm	200 ppm
16491	502.2 Cal2000 Mega Mix	100 ul	2000 ppm	200 ppm
16939	Method 8260 Additions	100 ul	2000 ppm	200 ppm
16973	Custom VOC Standard	100 ul	VARIOUS	various ppm
16477	tert-Amyl Methyl Ether Standard	100 ul	2000 ppm	200 ppm
V-433706	VOA ADD MIX	40 ul	5000/25000 p	various ppm
V-433708	Ethyl ether/Furan Mix	40 ul	5000 ppm	200 ppm
V-433703	Voa Extra Add Mix	100 ul	2000-20000 p	200 ppm
16115	Ethyl-tert-Butyl Ether(ETBE) Standard	100 ul	2000 ppm	200 ppm

Veritech Lot Number: V-452666

Prepared By: Previlon, Wilner
Description: 20ppm VOA Working Std
Prep Date: 11/10/2025
Expiration Date: 1/10/2026
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: AKMAL
ApproveDate: 11/13/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16875	Methanol	900 ul	neat neat	neat
V-452664	200ppm VOA Working Std	100 ul	VARIOUS pp	20 ppm

Veritech Lot Number: V-452667

Prepared By: Previlon, Wilner
Description: 20ppm Freon VOA Working Std
Prep Date: 11/10/2025
Expiration Date: 4/10/2026
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: AKMAL
ApproveDate: 11/13/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16851	Methanol	900 ul	Neat neat	neat
16669	Chlorodifluoromethane(Freon#22)	100 ul	200 ppm	20 ppm

Veritech Lot Number: V-453468

Prepared By: Revolus, Jean
Description: 200ppm VOA Working Std
Prep Date: 11/25/2025
Expiration Date: 1/10/2026
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16554	Methanol	220 ul	neat neat	neat
16009	502.2 Calibration Mix #1(Gases)	100 ul	2000 ppm	200 ppm
16948	502.2 CAL2000 Mega-Mix	100 ul	2000 ppm	200 ppm
16939	Method 8260 Additions	100 ul	2000 ppm	200 ppm
16973	Custom VOC Standard	100 ul	VARIOUS	various ppm
16477	tert-Amyl Methyl Ether Standard	100 ul	2000 ppm	200 ppm
V-433706	VOA ADD MIX	40 ul	5000/25000 p	various ppm
V-433703	Voa Extra Add Mix	100 ul	2000-20000 p	200 ppm
V-433708	Ethyl ether/Furan Mix	40 ul	5000 ppm	200 ppm
16115	Ethyl-tert-Butyl Ether(ETBE) Standard	100 ul	2000 ppm	200 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-453469

Prepared By: Revolus, Jean
Description: MBS
Prep Date: 11/25/2025
Expiration Date: 1/10/2026
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16554	Methanol	610 ul	neat neat	neat neat
16010	502.2 Calibration Mix #1(Gases)(2nd Source)	50 ul	2000 ppm	100 ppm
16948	502.2 CAL2000 Mega-Mix	50 ul	2000 ppm	100 ppm
16940	Method 8260 Additions	50 ul	2000 ppm	100 ppm
16974	Custom VOC Standard(2nd Sources)	50 ul	VARIOUS	various ppm
16445	tert-Amyl Methyl Ether	50 ul	2000 ppm	100 ppm
V-433707	VOA ADD MIX(2nd Source)	20 ul	5000/25000 p	various ppm
V-433704	Voa Extra Add Mix(2nd Source)	50 ul	2000-20000 p	100-1000 pp
V-433709	Ethyl ether/Furan Mix(2nd Source)	20 ul	5000 ppm	100 ppm
16133	Ethyl -tert-Butyl Ether(ETBE)(2nd Source)	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-453470

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 250 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453468	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
16923	P&T WATER	100 ml	NEAT neat	
16669	Chlorodifluoromethane(Freon#22)	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-453471

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 100 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453468	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
16923	P&T WATER	100 ml	NEAT neat	
16669	Chlorodifluoromethane(Freon#22)	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-453472

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 50 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453468	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
16923	P&T WATER	100 ml	NEAT neat	
16669	Chlorodifluoromethane(Freon#22)	25 ul	200 ppm	50 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-453473

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 20 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453468	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
16923	P&T WATER	100 ml	NEAT neat	
16669	Chlorodifluoromethane(Freon#22)	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-453474

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 10 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452666	20ppm VOA Working Std	50 ul	VARIOUS pp	10 ppb
16923	P&T WATER	100 ml	NEAT neat	
V-452667	20ppm Freon VOA Working Std	50 ul	VARIOUS pp	10 ppb

Veritech Lot Number: V-453475

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 5 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452666	20ppm VOA Working Std	25 ul	VARIOUS pp	5 ppb
16923	P&T WATER	100 ml	NEAT neat	
V-452667	20ppm Freon VOA Working Std	25 ul	VARIOUS pp	5 ppb

Veritech Lot Number: V-453476

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 1 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452666	20ppm VOA Working Std	5 ul	VARIOUS pp	1 ppb
16923	P&T WATER	100 ml	NEAT neat	
V-452667	20ppm Freon VOA Working Std	5 ul	VARIOUS pp	1 ppb

Veritech Lot Number: V-453477

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 0.5 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452666	20ppm VOA Working Std	2.5 ul	VARIOUS pp	0.5 ppb
16923	P&T WATER	100 ml	NEAT neat	
V-452667	20ppm Freon VOA Working Std	2.5 ul	VARIOUS pp	0.5 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-453478

Prepared By: Revolus, Jean
Description: 624/8260 CAL @ 500 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber: B-40295
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453468	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
16923	P&T WATER	100 ml	NEAT neat	
16669	Chlorodifluoromethane(Freon#22)	250 ul	200 ppm	500 ppb

Veritech Lot Number: V-453479

Prepared By: Revolus, Jean
Description: ICV CAL @ 20 PPB
Prep Date: 11/25/2025
Expiration Date: 12/2/2025
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 11/26/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453469	MBS	20 ul	100 ppm	20 ppb
16923	P&T WATER	100 ml	NEAT neat	neat
16669	Chlorodifluoromethane(Freon#22)	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-453835

Prepared By: Damte, Michael
Description: CAL @ 20 PPB
Prep Date: 12/2/2025
Expiration Date: 12/9/2025
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: akmal
ApproveDate: 12/04/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-453468	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
16923	P&T WATER	100 ml	NEAT neat	
16669	Chlorodifluoromethane(Freon#22)	10 ul	200 ppm	20 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

ApprovedBy: jean
ApproveDate: 12/18/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Acros Organics	409390050	A0214190	11/20/07	11/30/27	Revolus, Jean	1	1ML	NEAT	

Veritech Control/Receipt Number: 11587

Description
Furan

ApprovedBy: jean
ApproveDate: 01/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	185922	SHBG4510V	04/05/18	08/31/35	Hamid, Akmal	1	5ML	NEAT	NEAT

Veritech Control/Receipt Number: 13192

Description
n-Amyl acetate

ApprovedBy: jean
ApproveDate: 04/17/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	N-12508-1G	9676300	04/17/20	03/31/26	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 13194

Description
n-Butyl acrylate

ApprovedBy: jean
ApproveDate: 04/17/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	N-12513-1G	9919500	04/17/20	01/31/26	Revolus, Jean	1	1g	Neat	

Veritech Control/Receipt Number: 13195

Description
Methyl methacrylate

ApprovedBy: jean
ApproveDate: 04/17/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service	N-12443-1G	9827400	04/17/20	03/30/26	Revolus, Jean	1	1g	Neat	

Veritech Control/Receipt Number: 14550

Description
Butyl methacrylate

ApprovedBy: jean
ApproveDate: 05/01/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEMSERVICE	N-11371-1G	12981700	04/12/22	02/28/29	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 14553

Description
Ethyl methacrylate

ApprovedBy: jean
ApproveDate: 05/01/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEMSERVICE	N-11903-1G	12985900	04/12/22	02/28/26	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 14606

Description: Methanol

ApprovedBy: jean
ApproveDate: 06/07/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
EMD	MX0482-6	60049	05/26/22	05/25/26	Lopez, Jose	49	1L	neat	neat

Veritech Control/Receipt Number: 15140

Description: Methanol

ApprovedBy: akmal
ApproveDate: 03/03/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/EMD	MX0482	62126	03/02/23	03/01/28	Lopez, Jose	30	1L	Neat	Neat

Veritech Control/Receipt Number: 15377

Description: Cyclohexanone

ApprovedBy: jean
ApproveDate: 06/23/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	N-11531-1G	14388800	06/22/23	06/30/27	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 16009

Description: 502.2 Calibration Mix #1(Gases)

ApprovedBy: akmal
ApproveDate: 06/17/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30042	A0207532	05/24/24	10/31/30	Revolus, Jean	15	1ml	2000	PPM

Veritech Control/Receipt Number: 16010

Description: 502.2 Calibration Mix #1(Gases)(2nd Source)

ApprovedBy: akmal
ApproveDate: 06/17/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30042	A0209373	05/24/24	11/30/30	Revolus, Jean	15	1ml	2000	PPM

Veritech Control/Receipt Number: 16115

Description: Ethyl-tert-Butyl Ether(ETBE) Standard

ApprovedBy: jean
ApproveDate: 07/31/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30628	A0197209	07/31/24	04/30/28	Revolus, Jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 16116

Description: 8260A Surrogate Mix

ApprovedBy: jean
ApproveDate: 07/31/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30240	A0213335	07/31/24	07/31/29	Revolus, Jean	12	1ml	2500	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16117

Description: 8260A Internal Standard Mix

ApprovedBy: jean
ApproveDate: 07/31/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30241	A0210835	07/31/24	04/30/29	Revolus, Jean	12	1ml	2500	PPM

Veritech Control/Receipt Number: 16133

Description: Ethyl -tert-Butyl Ether(ETBE)(2nd Source)

ApprovedBy: akmal
ApproveDate: 08/22/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30628	A0214914	08/19/24	08/31/29	User, Organics	5	1ml	2000	PPM

Veritech Control/Receipt Number: 16381

Description: Ethyl Acetate

ApprovedBy: akmal
ApproveDate: 01/20/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	N-11881-1G	15820000	01/16/25	12/31/28	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 16382

Description: Ethyl Ether

ApprovedBy: akmal
ApproveDate: 01/20/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	N-11897-1G	15507600	01/16/25	06/30/27	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 16383

Description: Isopropyl Acetate

ApprovedBy: akmal
ApproveDate: 01/20/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CHEM SERVICE	N-12223-1G	15894600	01/16/25	01/31/30	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 16445

Description: tert-Amyl Methyl Ether

ApprovedBy: akmal
ApproveDate: 02/26/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30629	A0210625	02/24/25	04/30/29	Revolus, Jean	1	1ml	2000	PPM

Veritech Control/Receipt Number: 16477

Description: tert-Amyl Methyl Ether Standard

ApprovedBy: akmal
ApproveDate: 03/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30629	A0223212	03/18/25	03/31/30	Revolus, Jean	5	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16491

Description: 502.2 Cal2000 Mega Mix

ApprovedBy: akmal
ApproveDate: 04/02/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30431	A0217839	03/25/25	10/31/26	Revolus, Jean	15	1ml	2000	PPM

Veritech Control/Receipt Number: 16554

Description: Methanol

ApprovedBy: akmal
ApproveDate: 05/01/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Tedia	MP1924	25030045	04/28/25	03/10/27	Lopez, Jose	18	1L	neat	neat

Veritech Control/Receipt Number: 16669

Description: Chlorodifluoromethane(Freon#22)

ApprovedBy: akmal
ApproveDate: 06/17/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	M-REF-03	225061105	06/17/25	06/13/35	Revolus, Jean	20	1ml	200	PPM

Veritech Control/Receipt Number: 16851

Description: Methanol

ApprovedBy: akmal
ApproveDate: 09/26/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/EMD	MX0482--6	62126	09/23/25	09/22/30	Cajuste, Pierre	6	1 L	Neat	Neat

Veritech Control/Receipt Number: 16875

Description: Methanol

ApprovedBy: akmal
ApproveDate: 10/03/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Tedia	MP1924	25070271	10/02/25	08/22/27	Lopez, Jose	23	1L	neat	neat

Veritech Control/Receipt Number: 16923

Description: P&T WATER

ApprovedBy: akmal
ApproveDate: 10/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
VERITECH	N/A	N/A	10/17/25	10/17/30	Previlon, Wilner	1	N/A	NEAT	NEAT

Veritech Control/Receipt Number: 16939

Description: Method 8260 Additions

ApprovedBy: akmal
ApproveDate: 10/29/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	225081453-01	10/28/25	01/10/26	Revolus, Jean	3	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16940

Description
Method 8260 Additions

ApprovedBy: akmal
ApproveDate: 10/29/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	225091089	10/28/25	01/10/26	Revolus, Jean	3	1ml	2000	PPM

Veritech Control/Receipt Number: 16948

Description
502.2 CAL2000 Mega-Mix

ApprovedBy: akmal
ApproveDate: 10/31/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
RESTEK	30431	A0230379	10/30/25	09/30/27	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 16973

Description
Custom VOC Standard

ApprovedBy: akmal
ApproveDate: 12/01/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	S-16418	225101394	11/07/25	04/30/26	Revolus, Jean	5	1ml	VARIOU	

Veritech Control/Receipt Number: 16974

Description
Custom VOC Standard(2nd Sources)

ApprovedBy: akmal
ApproveDate: 12/01/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	S-16418	225101416	11/07/25	05/03/26	Revolus, Jean	5	ml	VARIOU	

GC/MS Base Neutral/Acid Extractable Data

GC/MS Base Neutral/Acid Extractable Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8270E

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
7M147425.D	WMB128203	A	12/01/25 16:27	1		60	43	106	100	108	108
7M147430.D	AD56733-002	A	12/01/25 18:16	1		64	44	112	106	110	115
7M147431.D	AD56733-003	A	12/01/25 18:38	1		15	17	134	110	32	107
7M147432.D	AD56733-004	A	12/01/25 19:00	1		25	25	111	106	55	104
7M147433.D	AD56733-005	A	12/01/25 19:22	1		58	43	112	106	117	109
7M147439.D	AD56733-006	A	12/02/25 09:47	1		60	45	116	111	119	118
7M147436.D	AD56733-007	A	12/02/25 08:41	1		56	40	126	109	124	106
7M147437.D	AD56733-008(MS:AD56	A	12/02/25 09:03	1		53	37	120	109	125	112
7M147438.D	AD56733-009(MSD:AD5	A	12/02/25 09:25	1		24	21	108	99	86	108
7M147440.D	AD56733-010	A	12/02/25 10:08	1		51	37	128	117	131	105
7M147441.D	AD56733-011	A	12/02/25 10:30	1		48	35	117	109	110	117
4M003310.D	WMB128203(MS)	A	12/01/25 15:21	1		61	45	107	104	115	110

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: EPA 8270E

Aqueous Laboratory Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	10-131
S2=Phenol-d5	100	10-133
S3=Nitrobenzene-d5	50	19-163
S4=2-Fluorobiphenyl	50	23-154
S5=2,4,6-Tribromophenol	100	20-180
S6=Terphenyl-d14	50	30-184

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	14M003310.D	WMB128203(MS)	12/1/2025 3:21:00 PM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	62.0082	0	100	62	16	112
Pyridine	1	52.04	0	100	52	10	131
N-Nitrosodimethylamine	1	65.8326	0	100	66	24	118
Benzaldehyde	1	100.5552	0	100	101	10	103
Aniline	1	90.7527	0	100	91	10	149
Pentachloroethane	1	78.304	0	100	78	10	155
bis(2-Chloroethyl)ether	1	87.3262	0	100	87	42	118
Phenol	1	39.8753	0	100	40	19	121
2-Chlorophenol	1	87.6777	0	100	88	50	123
N-Decane	1	63.4442	0	100	63	25	129
1,3-Dichlorobenzene	1	67.9677	0	100	68	13	126
1,4-Dichlorobenzene	1	73.9081	0	100	74	13	133
1,2-Dichlorobenzene	1	76.5242	0	100	77	16	129
Benzyl alcohol	1	96.3821	0	100	96	33	150
bis(2-chloroisopropyl)ether	1	85.6672	0	100	86	28	119
2-Methylphenol	1	88.4182	0	100	88	50	128
Acetophenone	1	124.5783	0	100	125	47	132
Hexachloroethane	1	73.5625	0	100	74	19	132
N-Nitroso-di-n-propylamine	1	99.1158	0	100	99	46	127
3&4-Methylphenol	1	81.7529	0	100	82	53	129
Nitrobenzene	1	101.9378	0	100	102	45	134
Isophorone	1	85.9156	0	100	86	48	121
2-Nitrophenol	1	102.8865	0	100	103	55	143
2,4-Dimethylphenol	1	100.9377	0	100	101	46	134
Benzoic Acid	1	35.8304	0	100	36	14	216
bis(2-Chloroethoxy)methane	1	97.6583	0	100	98	47	131
2,4-Dichlorophenol	1	107.835	0	100	108	59	134
1,2,4-Trichlorobenzene	1	90.3074	0	100	90	32	135
Naphthalene	1	95.0163	0	100	95	12	146
4-Chloroaniline	1	113.0766	0	100	113	10	161
Hexachlorobutadiene	1	86.8063	0	100	87	24	136
Caprolactam	1	52.9463	0	100	53	10	155
4-Chloro-3-methylphenol	1	108.7084	0	100	109	62	142
2-Methylnaphthalene	1	116.1366	0	100	116	34	156
1-Methylnaphthalene	1	116.4503	0	100	116	44	149
1,1'-Biphenyl	1	104.9288	0	100	105	51	137
1,2,4,5-Tetrachlorobenzene	1	103.7727	0	100	104	52	131
Hexachlorocyclopentadiene	1	98.357	0	100	98	24	137
2,4,6-Trichlorophenol	1	101.0593	0	100	101	66	142
2,4,5-Trichlorophenol	1	102.5753	0	100	103	65	143
2-Chloronaphthalene	1	98.5518	0	100	99	51	129
1,4-Dimethylnaphthalene	1	106.1468	0	100	106	50	137
Diphenyl Ether	1	114.2657	0	100	114	55	134
2-Nitroaniline	1	122.8116	0	100	123	45	165
Acenaphthylene	1	95.1054	0	100	95	46	130
Dimethylphthalate	1	99.8705	0	100	100	10	177
2,6-Dinitrotoluene	1	111.7168	0	100	112	55	135
Acenaphthene	1	98.2242	0	100	98	48	136
3-Nitroaniline	1	119.8439	0	100	120	24	169
2,4-Dinitrophenol	1	108.6297	0	100	109	42	160
Dibenzofuran	1	108.1122	0	100	108	50	147
2,4-Dinitrotoluene	1	108.6709	0	100	109	55	136
4-Nitrophenol	1	53.4058	0	100	53	27	141
2,3,4,6-Tetrachlorophenol	1	103.3035	0	100	103	59	141
Fluorene	1	100.6719	0	100	101	53	132
4-Chlorophenyl-phenylether	1	100.1445	0	100	100	58	133
Diethylphthalate	1	104.4564	0	100	104	25	152
4-Nitroaniline	1	117.3367	0	100	117	33	166
Atrazine	1	117.6729	0	100	118	21	152
4,6-Dinitro-2-methylphenol	1	116.9456	0	100	117	58	158
n-Nitrosodiphenylamine	1	89.6153	0	100	90	44	122

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	1	107.2565	0	100	107	53	140
4-Bromophenyl-phenylether	1	105.13	0	100	105	60	139
Hexachlorobenzene	1	103.7861	0	100	104	58	132
N-Octadecane	1	136.9874	0	100	137	53	157
Pentachlorophenol	1	107.3878	0	100	107	64	176
Phenanthrene	1	104.9499	0	100	105	56	136
Anthracene	1	105.6049	0	100	106	59	131
Carbazole	1	122.3052	0	100	122	53	159
Di-n-butylphthalate	1	119.1312	0	100	119	60	140
Fluoranthene	1	106.6532	0	100	107	61	139
Pyrene	1	111.0503	0	100	111	58	133
Benzidine	1	20.5039	0	100	21	10	96
Butylbenzylphthalate	1	113.1296	0	100	113	61	145
3,3'-Dichlorobenzidine	1	117.6618	0	100	118	10	145
Benzo[a]anthracene	1	109.6215	0	100	110	56	122
Chrysene	1	104.5653	0	100	105	58	136
bis(2-Ethylhexyl)phthalate	1	116.7489	0	100	117	59	145
Di-n-octylphthalate	1	119.7218	0	100	120	57	147
Benzo[b]fluoranthene	1	106.1253	0	100	106	58	146
Benzo[k]fluoranthene	1	101.9668	0	100	102	57	140
Benzo[a]pyrene	1	101.5986	0	100	102	55	135
Indeno[1,2,3-cd]pyrene	1	106.1346	0	100	106	59	147
Dibenzo[a,h]anthracene	1	105.7476	0	100	106	58	142
Benzo[g,h,i]perylene	1	99.7413	0	100	100	57	138

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Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147437.D	AD56733-008(MS:AD56733-007	12/2/2025 9:03:00 AM
Non Spike(If applicable):	7M147436.D	AD56733-007	12/2/2025 8:41:00 AM
Inst Blank(If applicable):			

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	49.0828	0	100	49	16	112
Pyridine	1	56.9171	0	100	57	10	131
N-Nitrosodimethylamine	1	66.0846	0	100	66	24	118
Benzaldehyde	1	81.9938	0	100	82	10	103
Aniline	1	73.3984	0	100	73	10	149
Pentachloroethane	1	81.5845	0	100	82	10	155
bis(2-Chloroethyl)ether	1	86.8152	0	100	87	42	118
Phenol	1	43.6599	0	100	44	19	121
2-Chlorophenol	1	84.0402	0	100	84	50	123
N-Decane	1	67.8394	0	100	68	25	129
1,3-Dichlorobenzene	1	84.1547	0	100	84	13	126
1,4-Dichlorobenzene	1	98.3684	0	100	98	13	133
1,2-Dichlorobenzene	1	99.921	0	100	100	16	129
Benzyl alcohol	1	90.4113	0	100	90	33	150
bis(2-chloroisopropyl)ether	1	102.1329	0	100	102	28	119
2-Methylphenol	1	89.1133	0	100	89	50	128
Acetophenone	1	114.9367	0	100	115	47	132
Hexachloroethane	1	134.6615	0	100	135*	19	132
N-Nitroso-di-n-propylamine	1	105.355	0	100	105	46	127
3&4-Methylphenol	1	79.3456	0	100	79	53	129
Nitrobenzene	1	113.5769	0	100	114	45	134
Isophorone	1	102.2032	0	100	102	48	121
2-Nitrophenol	1	120.9411	0	100	121	55	143
2,4-Dimethylphenol	1	112.6086	0	100	113	46	134
Benzoic Acid	1	57.8351	0	100	58	14	216
bis(2-Chloroethoxy)methane	1	110.6933	0	100	111	47	131
2,4-Dichlorophenol	1	109.3538	0	100	109	59	134
1,2,4-Trichlorobenzene	1	106.5099	0	100	107	32	135
Naphthalene	1	111.3337	4.8669	100	106	12	146
4-Chloroaniline	1	92.8173	0	100	93	10	161
Hexachlorobutadiene	1	104.5288	0	100	105	24	136
Caprolactam	1	55.7897	0	100	56	10	155
4-Chloro-3-methylphenol	1	106.7712	0	100	107	62	142
2-Methylnaphthalene	1	114.1916	4.8531	100	109	34	156
1-Methylnaphthalene	1	137.5207	0	100	138	44	149
1,1'-Biphenyl	1	107.616	0	100	108	51	137
1,2,4,5-Tetrachlorobenzene	1	110.2271	0	100	110	52	131
Hexachlorocyclopentadiene	1	117.6031	0	100	118	24	137
2,4,6-Trichlorophenol	1	112.0894	0	100	112	66	142
2,4,5-Trichlorophenol	1	108.8111	0	100	109	65	143
2-Chloronaphthalene	1	108.0982	0	100	108	51	129
1,4-Dimethylnaphthalene	1	142.562	0	100	143*	50	137
Diphenyl Ether	1	111.0159	0	100	111	55	134
2-Nitroaniline	1	106.6908	0	100	107	45	165
Acenaphthylene	1	101.252	0	100	101	46	130
Dimethylphthalate	1	100.6627	0	100	101	10	177
2,6-Dinitrotoluene	1	109.9342	0	100	110	55	135
Acenaphthene	1	110.6848	8.6588	100	102	48	136
3-Nitroaniline	1	94.8645	0	100	95	24	169
2,4-Dinitrophenol	1	131.9771	0	100	132	42	160
Dibenzofuran	1	106.7872	5.5447	100	101	50	147
2,4-Dinitrotoluene	1	111.8897	0	100	112	55	136
4-Nitrophenol	1	42.5068	0	100	43	27	141
2,3,4,6-Tetrachlorophenol	1	114.6432	0	100	115	59	141
Fluorene	1	110.6755	9.8586	100	101	53	132
4-Chlorophenyl-phenylether	1	105.3768	0	100	105	58	133
Diethylphthalate	1	106.9898	0	100	107	25	152
4-Nitroaniline	1	95.2804	0	100	95	33	166
Atrazine	1	90.8428	0	100	91	21	152
4,6-Dinitro-2-methylphenol	1	144.8919	0	100	145	58	158
n-Nitrosodiphenylamine	1	118.9352	0	100	119*	44	112

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	1	118.8537	0	100	119	53	140
4-Bromophenyl-phenylether	1	115.138	0	100	115	60	139
Hexachlorobenzene	1	120.1811	0	100	120	58	132
N-Octadecane	1	168.8102	0	100	169*	53	157
Pentachlorophenol	1	135.6904	0	100	136	64	176
Phenanthrene	1	124.8363	8.6347	100	116	56	136
Anthracene	1	121.7999	0	100	122	59	131
Carbazole	1	130.0247	0	100	130	53	149
Di-n-butylphthalate	1	127.6068	0	100	128	60	140
Fluoranthene	1	112.5895	0	100	113	61	139
Pyrene	1	110.4609	0	100	110	58	133
Benzidine	1	0	0	100	0*	10	96
Butylbenzylphthalate	1	124.0722	0	100	124	61	145
3,3'-Dichlorobenzidine	1	38.0817	0	100	38	10	145
Benzo[a]anthracene	1	118.9065	0	100	119	56	122
Chrysene	1	120.0376	0	100	120	58	136
bis(2-Ethylhexyl)phthalate	1	131.7658	0	100	132	59	145
Di-n-octylphthalate	1	123.4185	0	100	123	57	147
Benzo[b]fluoranthene	1	119.0103	0	100	119	58	146
Benzo[k]fluoranthene	1	106.4482	0	100	106	57	140
Benzo[a]pyrene	1	108.2122	0	100	108	55	135
Indeno[1,2,3-cd]pyrene	1	114.798	0	100	115	59	147
Dibenzo[a,h]anthracene	1	118.0161	0	100	118	58	142
Benzo[g,h,i]perylene	1	118.8528	0	100	119	57	138

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch:WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147438.D	AD56733-009(MSD:AD56733-0	12/2/2025 9:25:00 AM
Non Spike(If applicable):	7M147436.D	AD56733-007	12/2/2025 8:41:00 AM
Inst Blank(If applicable):			

Method: 8270E Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	33.2626	0	100	33	16	112
Pyridine	1	28.4843	0	100	28	10	131
N-Nitrosodimethylamine	1	43.2794	0	100	43	24	118
Benzaldehyde	1	82.1563	0	100	82	10	103
Aniline	1	41.7365	0	100	42	10	149
Pentachloroethane	1	73.5237	0	100	74	10	155
bis(2-Chloroethyl)ether	1	77.2417	0	100	77	42	118
Phenol	1	24.6911	0	100	25	19	121
2-Chlorophenol	1	48.3317	0	100	48*	50	123
N-Decane	1	62.6492	0	100	63	25	129
1,3-Dichlorobenzene	1	77.2514	0	100	77	13	126
1,4-Dichlorobenzene	1	89.8392	0	100	90	13	133
1,2-Dichlorobenzene	1	91.3357	0	100	91	16	129
Benzyl alcohol	1	60.2171	0	100	60	33	150
bis(2-chloroisopropyl)ether	1	93.0298	0	100	93	28	119
2-Methylphenol	1	55.4607	0	100	55	50	128
Acetophenone	1	107.312	0	100	107	47	132
Hexachloroethane	1	123.8503	0	100	124	19	132
N-Nitroso-di-n-propylamine	1	96.094	0	100	96	46	127
3&4-Methylphenol	1	48.3972	0	100	48*	53	129
Nitrobenzene	1	101.1458	0	100	101	45	134
Isophorone	1	91.8709	0	100	92	48	121
2-Nitrophenol	1	79.8291	0	100	80	55	143
2,4-Dimethylphenol	1	84.072	0	100	84	46	134
Benzoic Acid	1	21.2784	0	100	21	14	216
bis(2-Chloroethoxy)methane	1	99.8035	0	100	100	47	131
2,4-Dichlorophenol	1	70.9235	0	100	71	59	134
1,2,4-Trichlorobenzene	1	97.1012	0	100	97	32	135
Naphthalene	1	102.6123	4.8669	100	98	12	146
4-Chloroaniline	1	44.5131	0	100	45	10	161
Hexachlorobutadiene	1	95.0699	0	100	95	24	136
Caprolactam	1	48.3748	0	100	48	10	155
4-Chloro-3-methylphenol	1	75.3545	0	100	75	62	142
2-Methylnaphthalene	1	107.8933	4.8531	100	103	34	156
1-Methylnaphthalene	1	130.5723	0	100	131	44	149
1,1'-Biphenyl	1	101.7219	0	100	102	51	137
1,2,4,5-Tetrachlorobenzene	1	106.4726	0	100	106	52	131
Hexachlorocyclopentadiene	1	103.7058	0	100	104	24	137
2,4,6-Trichlorophenol	1	73.4569	0	100	73	66	142
2,4,5-Trichlorophenol	1	72.2907	0	100	72	65	143
2-Chloronaphthalene	1	102.6829	0	100	103	51	129
1,4-Dimethylnaphthalene	1	137.3804	0	100	137	50	137
Diphenyl Ether	1	105.9496	0	100	106	55	134
2-Nitroaniline	1	97.6295	0	100	98	45	165
Acenaphthylene	1	96.8202	0	100	97	46	130
Dimethylphthalate	1	93.5744	0	100	94	10	177
2,6-Dinitrotoluene	1	103.2534	0	100	103	55	135
Acenaphthene	1	107.4697	8.6588	100	99	48	136
3-Nitroaniline	1	56.2194	0	100	56	24	169
2,4-Dinitrophenol	1	14.5878	0	100	15*	42	160
Dibenzofuran	1	104.6363	5.5447	100	99	50	147
2,4-Dinitrotoluene	1	109.9284	0	100	110	55	136
4-Nitrophenol	1	19.8134	0	100	20*	27	141
2,3,4,6-Tetrachlorophenol	1	73.4159	0	100	73	59	141
Fluorene	1	106.5547	9.8586	100	97	53	132
4-Chlorophenyl-phenylether	1	102.261	0	100	102	58	133
Diethylphthalate	1	103.7859	0	100	104	25	152
4-Nitroaniline	1	70.631	0	100	71	33	166
Atrazine	1	73.657	0	100	74	21	152
4,6-Dinitro-2-methylphenol	1	64.7592	0	100	65	58	158
n-Nitrosodiphenylamine	1	108.4173	0	100	108	44	112

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	1	112.5035	0	100	113	53	140
4-Bromophenyl-phenylether	1	108.6499	0	100	109	60	139
Hexachlorobenzene	1	114.8149	0	100	115	58	132
N-Octadecane	1	167.6419	0	100	168*	53	157
Pentachlorophenol	1	76.1652	0	100	76	64	176
Phenanthrene	1	118.1914	8.6347	100	110	56	136
Anthracene	1	116.8373	0	100	117	59	131
Carbazole	1	130.175	0	100	130	58	136
Di-n-butylphthalate	1	121.9447	0	100	122	60	140
Fluoranthene	1	111.5529	0	100	112	61	139
Pyrene	1	106.8366	0	100	107	58	133
Benzidine	1	0	0	100	0*	10	96
Butylbenzylphthalate	1	118.5838	0	100	119	61	145
3,3'-Dichlorobenzidine	1	39.1658	0	100	39	10	145
Benzo[a]anthracene	1	110.8398	0	100	111	56	122
Chrysene	1	112.0466	0	100	112	58	136
bis(2-Ethylhexyl)phthalate	1	124.5019	0	100	125	59	145
Di-n-octylphthalate	1	118.4623	0	100	118	57	147
Benzo[b]fluoranthene	1	111.0578	0	100	111	58	146
Benzo[k]fluoranthene	1	103.2808	0	100	103	57	140
Benzo[a]pyrene	1	101.7462	0	100	102	55	135
Indeno[1,2,3-cd]pyrene	1	105.1973	0	100	105	59	147
Dibenzo[a,h]anthracene	1	111.6122	0	100	112	58	142
Benzo[g,h,i]perylene	1	111.71	0	100	112	57	138

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147438.D	AD56733-009(MSD:AD56733-0	12/2/2025 9:25:00 AM
Duplicate(If applicable):	7M147437.D	AD56733-008(MS:AD56733-007	12/2/2025 9:03:00 AM
Inst Blank(If applicable):			

Method: 8270E Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
1,4-Dioxane	1	33.2626	49.0828	38	58
Pyridine	1	28.4843	56.9171	67	143
N-Nitrosodimethylamine	1	43.2794	66.0846	42*	40
Benzaldehyde	1	82.1563	81.9938	0.2	92
Aniline	1	41.7365	73.3984	55	138
Pentachloroethane	1	73.5237	81.5845	10	79
bis(2-Chloroethyl)ether	1	77.2417	86.8152	12	42
Phenol	1	24.6911	43.6599	56	86
2-Chlorophenol	1	48.3317	84.0402	54*	47
N-Decane	1	62.6492	67.8394	8	59
1,3-Dichlorobenzene	1	77.2514	84.1547	8.6	90
1,4-Dichlorobenzene	1	89.8392	98.3684	9.1	88
1,2-Dichlorobenzene	1	91.3357	99.921	9	74
Benzyl alcohol	1	60.2171	90.4113	40*	35
bis(2-chloroisopropyl)ether	1	93.0298	102.1329	9.3	48
2-Methylphenol	1	55.4607	89.1133	47*	34
Acetophenone	1	107.312	114.9367	6.9	30
Hexachloroethane	1	123.8503	134.6615	8.4	88
N-Nitroso-di-n-propylamine	1	96.094	105.355	9.2	56
3&4-Methylphenol	1	48.3972	79.3456	48*	28
Nitrobenzene	1	101.1458	113.5769	12	38
Isophorone	1	91.8709	102.2032	11	35
2-Nitrophenol	1	79.8291	120.9411	41	41
2,4-Dimethylphenol	1	84.072	112.6086	29	33
Benzoic Acid	1	21.2784	57.8351	92*	82
bis(2-Chloroethoxy)methane	1	99.8035	110.6933	10	44
2,4-Dichlorophenol	1	70.9235	109.3538	43*	37
1,2,4-Trichlorobenzene	1	97.1012	106.5099	9.2	50
Naphthalene	1	102.6123	111.3337	8.2	47
4-Chloroaniline	1	44.5131	92.8173	70	85
Hexachlorobutadiene	1	95.0699	104.5288	9.5	58
Caprolactam	1	48.3748	55.7897	14	33
4-Chloro-3-methylphenol	1	75.3545	106.7712	35*	28
2-Methylnaphthalene	1	107.8933	114.1916	5.7	38
1-Methylnaphthalene	1	130.5723	137.5207	5.2	32
1,1'-Biphenyl	1	101.7219	107.616	5.6	31
1,2,4,5-Tetrachlorobenzene	1	106.4726	110.2271	3.5	32
Hexachlorocyclopentadiene	1	103.7058	117.6031	13	48
2,4,6-Trichlorophenol	1	73.4569	112.0894	42	62
2,4,5-Trichlorophenol	1	72.2907	108.8111	40*	35
2-Chloronaphthalene	1	102.6829	108.0982	5.1	35
1,4-Dimethylnaphthalene	1	137.3804	142.562	3.7	31
Diphenyl Ether	1	105.9496	111.0159	4.7	32
2-Nitroaniline	1	97.6295	106.6908	8.9	37
Acenaphthylene	1	96.8202	101.252	4.5	41
Dimethylphthalate	1	93.5744	100.6627	7.3	108
2,6-Dinitrotoluene	1	103.2534	109.9342	6.3	35
Acenaphthene	1	107.4697	110.6848	2.9	35
3-Nitroaniline	1	56.2194	94.8645	51	64
2,4-Dinitrophenol	1	14.5878	131.9771	160*	63
Dibenzofuran	1	104.6363	106.7872	2	36
2,4-Dinitrotoluene	1	109.9284	111.8897	1.8	35
4-Nitrophenol	1	19.8134	42.5068	73*	33
2,3,4,6-Tetrachlorophenol	1	73.4159	114.6432	44*	36
Fluorene	1	106.5547	110.6755	3.8	34
4-Chlorophenyl-phenylether	1	102.261	105.3768	3	33
Diethylphthalate	1	103.7859	106.9898	3	37
4-Nitroaniline	1	70.631	95.2804	30	35
Atrazine	1	73.657	90.8428	21	47
4,6-Dinitro-2-methylphenol	1	64.7592	144.8919	76*	46
n-Nitrosodiphenylamine	1	108.4173	118.9352	9.3	37

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits

QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
1,2-Diphenylhydrazine	1	112.5035	118.8537	5.5	36
4-Bromophenyl-phenylether	**1**	**108.6499**	**115.138**	**5.8**	**34**
Hexachlorobenzene	**1**	**114.8149**	**120.1811**	**4.6**	**34**
N-Octadecane	1	167.6419	168.8102	0.69	31
Pentachlorophenol	**1**	**76.1652**	**135.6904**	**56***	**32**
Phenanthrene	**1**	**118.1914**	**124.8363**	**5.5**	**33**
Anthracene	**1**	**116.8373**	**121.7999**	**4.2**	**34**
Carbazole	**1**	**130.175**	**130.0247**	**0.12**	**32**
Di-n-butylphthalate	**1**	**121.9447**	**127.6068**	**4.5**	**34**
Fluoranthene	**1**	**111.5529**	**112.5895**	**0.92**	**34**
Pyrene	**1**	**106.8366**	**110.4609**	**3.3**	**33**
Benzidine	1	0	0	NA	236
Butylbenzylphthalate	**1**	**118.5838**	**124.0722**	**4.5**	**34**
3,3'-Dichlorobenzidine	**1**	**39.1658**	**38.0817**	**2.8**	**126**
Benzo[a]anthracene	**1**	**110.8398**	**118.9065**	**7**	**33**
Chrysene	**1**	**112.0466**	**120.0376**	**6.9**	**32**
bis(2-Ethylhexyl)phthalate	**1**	**124.5019**	**131.7658**	**5.7**	**33**
Di-n-octylphthalate	**1**	**118.4623**	**123.4185**	**4.1**	**36**
Benzo[b]fluoranthene	**1**	**111.0578**	**119.0103**	**6.9**	**36**
Benzo[k]fluoranthene	**1**	**103.2808**	**106.4482**	**3**	**20**
Benzo[a]pyrene	**1**	**101.7462**	**108.2122**	**6.2**	**35**
Indeno[1,2,3-cd]pyrene	**1**	**105.1973**	**114.798**	**8.7**	**35**
Dibenzo[a,h]anthracene	**1**	**111.6122**	**118.0161**	**5.6**	**35**
Benzo[g,h,i]perylene	**1**	**111.71**	**118.8528**	**6.2**	**35**

* - Indicates outside of limits | NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

FORM 4
Blank Summary

Blank Number: WMB128203
Blank Data File: 7M147425.D
Matrix: Aqueous

Blank Analysis Date: 12/01/25 16:27
Blank Extraction Date: 12/01/25
(If Applicable)
Method: EPA 8270E

Sample Number	Data File	Analysis Date
AD56733-002	7M147430.D	12/01/25 18:16
AD56733-003	7M147431.D	12/01/25 18:38
AD56733-004	7M147432.D	12/01/25 19:00
AD56733-005	7M147433.D	12/01/25 19:22
AD56733-006	7M147439.D	12/02/25 09:47
AD56733-007	7M147436.D	12/02/25 08:41
AD56733-008(MS:	7M147437.D	12/02/25 09:03
AD56733-009(MSD	7M147438.D	12/02/25 09:25
AD56733-010	7M147440.D	12/02/25 10:08
AD56733-011	7M147441.D	12/02/25 10:30
WMB128203(MS)	14M003310.D	12/01/25 15:21

Form 5

Tune Name: CAL DFTPP **Data File:** 14M002956.
Instrument: GCMS 14 **Analysis Date:** 09/29/25 08:11
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.731 to 8.754 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	51.4	18277	PASS
68	69	0.00	2	1.6	261	PASS
69	198	0.00	100	46.8	16647	PASS
70	69	0.00	2	0.5	89	PASS
127	198	40	60	48.7	17304	PASS
197	198	0.00	1	0.9	321	PASS
198	198	100	100	100.0	35544	PASS
199	198	5	9	7.0	2505	PASS
275	198	10	30	24.8	8803	PASS
365	198	1	100	3.2	1140	PASS
441	443	0.01	100	79.4	4654	PASS
442	198	40	100	86.6	30793	PASS
443	442	17	23	19.0	5864	PASS

Data File	Sample Number	Analysis Date:
14M002957.D	CAL BNA 10PPM	09/29/25 09:24
14M002958.D	CAL BNA 2PPM	09/29/25 09:45
14M002959.D	CAL BNA 160PPM	09/29/25 10:06
14M002960.D	CAL BNA 196PPM	09/29/25 10:27
14M002961.D	CAL BNA 120PPM	09/29/25 10:48
14M002962.D	CAL BNA 80PPM	09/29/25 11:09
14M002963.D	BNA 50PPM	09/29/25 11:30
14M002964.D	BNA 20PPM	09/29/25 11:51
14M002965.D	CAL BNA 0.5PPM	09/29/25 12:12
14M002966.D	BNA 50PPM	09/29/25 12:34
14M002967.D	CAL BNA 20PPM	09/29/25 12:59
14M002968.D	CAL BNA 50PPM	09/29/25 13:30
14M002969.D	ICV BNA 50PPM	09/29/25 14:14

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 7
Data File: 7M147167.D
Analysis Date: 11/10/25 07:40
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.777 to 8.788 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	31.8	19505	PASS
68	69	0.00	2	0.4	97	PASS
69	198	0.00	100	38.6	23685	PASS
70	69	0.00	2	0.8	179	PASS
127	198	40	60	46.9	28716	PASS
197	198	0.00	1	0.6	380	PASS
198	198	100	100	100.0	61283	PASS
199	198	5	9	6.6	4026	PASS
275	198	10	30	26.0	15917	PASS
365	198	1	100	2.9	1774	PASS
441	443	0.01	100	87.7	8440	PASS
442	198	40	100	80.1	49077	PASS
443	442	17	23	19.6	9619	PASS

Data File	Sample Number	Analysis Date:
7M147168.D	CAL BNA 50PPM	11/10/25 08:27
7M147169.D	CAL BNA 196PPM	11/10/25 08:51
7M147170.D	CAL BNA 160PPM	11/10/25 09:13
7M147171.D	CAL BNA 120PPM	11/10/25 09:35
7M147172.D	CAL BNA 80PPM	11/10/25 09:57
7M147173.D	CAL BNA 20PPM	11/10/25 10:19
7M147174.D	CAL BNA 10PPM	11/10/25 10:41
7M147175.D	CAL BNA 2PPM	11/10/25 11:03
7M147176.D	CAL BNA 0.5PPM	11/10/25 11:26
7M147177.D	CAL BNA 50PPM	11/10/25 11:48
7M147178.D	CAL BNA 2PPM	11/10/25 12:10
7M147179.D	CAL BNA 10PPM	11/10/25 12:32
7M147180.D	ICV BNA 50PPM	11/10/25 12:54

Form 5

Tune Name: CAL DFTPP **Data File:** 7M147401.D
Instrument: GCMS 7 **Analysis Date:** 12/01/25 07:34
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.765 to 8.777 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	39.2	12404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	48.6	15369	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	51.3	16240	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	31651	PASS
199	198	5	9	6.8	2166	PASS
275	198	10	30	21.7	6877	PASS
365	198	1	100	2.2	685	PASS
441	443	0.01	100	84.2	2508	PASS
442	198	40	100	48.5	15351	PASS
443	442	17	23	19.4	2980	PASS

Data File	Sample Number	Analysis Date:
7M147402.D	CAL BNA 50PPM	12/01/25 08:01
7M147403.D	WMB128183(MS)	12/01/25 08:25
7M147404.D	WMB128181	12/01/25 08:47
7M147405.D	WMB128183	12/01/25 09:09
7M147406.D	AD56648-001	12/01/25 09:31
7M147407.D	AD56648-002	12/01/25 09:53
7M147408.D	AD56648-003	12/01/25 10:15
7M147409.D	AD56531-001(T)	12/01/25 10:37
7M147410.D	AD56627-001(T)	12/01/25 10:58
7M147411.D	AD56556-004(R)	12/01/25 11:20
7M147412.D	AD56573-001(T)	12/01/25 11:42
7M147413.D	EF1 V-452783(11/2	12/01/25 12:04
7M147414.D	AD56688-001	12/01/25 12:26
7M147415.D	AD56713-001	12/01/25 12:48
7M147416.D	AD56679-001(5X)(	12/01/25 13:09
7M147417.D	AD56531-001(T)(M	12/01/25 13:31
7M147418.D	AD56531-001(T)(M	12/01/25 13:53
7M147419.D	AD56705-001	12/01/25 14:15
7M147420.D	SMB128198(MS)	12/01/25 14:37
7M147421.D	SMB128196(MS)	12/01/25 14:59
7M147422.D	OMB128199(MS)	12/01/25 15:21
7M147423.D	AD56705-002	12/01/25 15:43
7M147424.D	AD56705-003	12/01/25 16:05
7M147425.D	WMB128203	12/01/25 16:27
7M147426.D	AD56705-004	12/01/25 16:49
7M147427.D	AD56672-001	12/01/25 17:10
7M147428.D	AD56672-002	12/01/25 17:32
7M147429.D	AD56672-003	12/01/25 17:54
7M147430.D	AD56733-002	12/01/25 18:16
7M147431.D	AD56733-003	12/01/25 18:38
7M147432.D	AD56733-004	12/01/25 19:00
7M147433.D	AD56733-005	12/01/25 19:22

Form 5

Tune Name: CAL DFTPP **Data File:** 14M003289.
Instrument: GCMS 14 **Analysis Date:** 12/01/25 07:42
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.724 to 8.739 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.9	28949	PASS
68	69	0.00	2	1.6	405	PASS
69	198	0.00	100	49.6	25205	PASS
70	69	0.00	2	0.2	57	PASS
127	198	40	60	50.6	25721	PASS
197	198	0.00	1	0.4	207	PASS
198	198	100	100	100.0	50848	PASS
199	198	5	9	6.5	3285	PASS
275	198	10	30	25.6	12993	PASS
365	198	1	100	3.2	1648	PASS
441	443	0.01	100	74.1	6240	PASS
442	198	40	100	87.1	44291	PASS
443	442	17	23	19.0	8423	PASS

Data File	Sample Number	Analysis Date:
14M003290.D	CAL BNA 50PPM	12/01/25 08:09
14M003291.D	WMB128181(MS)	12/01/25 08:45
14M003292.D	WMB128181	12/01/25 09:06
14M003293.D	AD56611-003	12/01/25 09:27
14M003294.D	AD56621-013	12/01/25 09:47
14M003295.D	AD56621-014	12/01/25 10:08
14M003296.D	AD56621-015(MS:	12/01/25 10:29
14M003297.D	AD56621-016(MSD	12/01/25 10:50
14M003298.D	AD56621-017	12/01/25 11:11
14M003299.D	AD56621-018	12/01/25 11:32
14M003300.D	AD56621-019	12/01/25 11:53
14M003301.D	AD56621-020	12/01/25 12:14
14M003302.D	WMB128192(MS)	12/01/25 12:34
14M003303.D	AD56628-001	12/01/25 12:55
14M003304.D	AD56628-002	12/01/25 13:16
14M003305.D	AD56628-003	12/01/25 13:37
14M003306.D	AD56676-001	12/01/25 13:58
14M003307.D	AD56621-002(5X)	12/01/25 14:19
14M003308.D	TEST	12/01/25 14:40
14M003309.D	WMB128192	12/01/25 15:01
14M003310.D	WMB128203(MS)	12/01/25 15:21
14M003311.D	AD56687-001	12/01/25 15:42
14M003312.D	AD56687-002(MS:	12/01/25 16:03
14M003313.D	AD56687-003(MSD	12/01/25 16:24
14M003314.D	AD56687-004	12/01/25 16:45
14M003315.D	AD56687-005	12/01/25 17:06
14M003316.D	AD56687-006	12/01/25 17:27
14M003317.D	AD56687-007	12/01/25 17:48
14M003318.D	AD56687-008	12/01/25 18:09
14M003319.D	AD56687-009	12/01/25 18:29
14M003320.D	AD56687-010	12/01/25 18:50
14M003321.D	AD56687-011	12/01/25 19:11
14M003322.D	AD56687-012	12/01/25 19:32

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 7
Data File: 7M147434.D
Analysis Date: 12/02/25 07:54
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.765 to 8.783 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	30.8	20430	PASS
68	69	0.00	2	0.2	57	PASS
69	198	0.00	100	39.0	25900	PASS
70	69	0.00	2	0.8	220	PASS
127	198	40	60	47.9	31773	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	66352	PASS
199	198	5	9	7.1	4721	PASS
275	198	10	30	27.2	18063	PASS
365	198	1	100	3.2	2128	PASS
441	443	0.01	100	82.6	10141	PASS
442	198	40	100	92.5	61356	PASS
443	442	17	23	20.0	12284	PASS

Data File	Sample Number	Analysis Date:
7M147435.D	CAL BNA 50PPM	12/02/25 08:16
7M147436.D	AD56733-007	12/02/25 08:41
7M147437.D	AD56733-008(MS:	12/02/25 09:03
7M147438.D	AD56733-009(MSD	12/02/25 09:25
7M147439.D	AD56733-006	12/02/25 09:47
7M147440.D	AD56733-010	12/02/25 10:08
7M147441.D	AD56733-011	12/02/25 10:30
7M147442.D	AD56705-004(5X)	12/02/25 10:52
7M147443.D	SMB128208(MS)	12/02/25 11:14
7M147444.D	SMB128208	12/02/25 11:36
7M147445.D	WMB128192	12/02/25 11:58
7M147446.D	AD56687-005(50X)	12/02/25 12:19
7M147447.D	AD56687-006(40X)	12/02/25 12:41
7M147448.D	AD56687-009(40X)	12/02/25 13:03
7M147449.D	AD56687-011(30X)	12/02/25 13:25
7M147450.D	AD56641-004(3X)	12/02/25 13:47
7M147451.D	AD56521-009(3X)	12/02/25 14:09
7M147452.D	AD56521-008(3X)	12/02/25 14:31
7M147453.D	AD56521-014	12/02/25 14:53
7M147454.D	AD56521-012	12/02/25 15:15
7M147455.D	AD56521-011	12/02/25 15:37
7M147456.D	AD56521-016	12/02/25 15:59
7M147457.D	AD56521-015	12/02/25 16:21
7M147458.D	AD56521-001(15X)	12/02/25 16:42

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FORM8

Internal Standard Areas

Evaluation Std Data File: 14M002968.D Method: EPA 8270E

Analysis Date/Time: 09/29/25 13:30

Lab File ID: CAL BNA 50PPM

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	65309	2.19	73343	4.55	271359	5.54	164421	6.97	315138	8.45	305270	11.57	305386	13.86
Eval File Area Limit:	32654-130618		36672-146686		135680-542718		82210-328842		157569-630276		152635-610540		152693-610772	
Eval File Rt Limit:	1.69-2.69		4.05-5.05		5.04-6.04		6.47-7.47		7.95-8.95		11.07-12.07		13.36-14.36	

Data File Sample#														
14M002957.D CAL BNA 10PPM	63892	2.19	73074	4.55	274723	5.54	165959	6.97	311851	8.45	285153	11.57	275712	13.86
14M002958.D CAL BNA 2PPM	64535	2.19	70800	4.55	267436	5.53	157493	6.97	300710	8.45	275856	11.56	273457	13.85
14M002959.D CAL BNA 160PPM	71026	2.18	77217	4.55	284111	5.54	180321	6.97	326670	8.45	350822	11.57	329660	13.85
14M002960.D CAL BNA 196PPM	68195	2.20	74685	4.55	289441	5.54	183210	6.97	344107	8.45	351165	11.57	354054	13.85
14M002961.D CAL BNA 120PPM	70271	2.19	80736	4.55	300131	5.53	183356	6.97	346838	8.45	343572	11.57	334263	13.85
14M002962.D CAL BNA 80PPM	67769	2.20	77420	4.55	286686	5.53	177679	6.97	336724	8.45	324610	11.56	313810	13.84
14M002963.D BNA 50PPM	70837	2.18	80985	4.55	304422	5.53	187971	6.97	351704	8.45	472326	11.56	469243	13.85
14M002964.D BNA 20PPM	45853	2.19	52274	4.55	192804	5.53	116673	6.97	229245	8.45	214140	11.56	208079	13.84
14M002965.D CAL BNA 0.5PPM	70167	2.18	77314	4.55	284571	5.53	174261	6.97	333473	8.45	313311	11.56	313783	13.84
14M002966.D BNA 50PPM	62699	2.20	72418	4.55	269326	5.53	167127	6.97	316868	8.45	428829	11.56	423629	13.85
14M002967.D CAL BNA 20PPM	62838	2.19	70241	4.55	258316	5.54	158401	6.97	307092	8.45	295578	11.57	294942	13.86
14M002968.D CAL BNA 50PPM	65309	2.19	73343	4.55	271359	5.54	164421	6.97	315138	8.45	305270	11.57	305386	13.86
14M002969.D ICV BNA 50PPM	63420	2.18	68988	4.55	256236	5.54	153502	6.97	296717	8.45	293851	11.57	290619	13.86

I1 = 1,4-Dioxane-d8(INT)
I2 = 1,4-Dichlorobenzene-d4
I3 = Naphthalene-d8
I4 = Acenaphthene-d10
I5 = Phenanthrene-d10
I6 = Chrysene-d12
I7 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

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FORM8

Internal Standard Areas

Evaluation Std Data File: 7M147177.D Method: EPA 8270E

Analysis Date/Time: 11/10/25 11:48

Lab File ID: CAL BNA 50PPM

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	37992	2.21	75388	4.59	284596	5.57	170771	7.01	328829	8.49	296440	11.61	297729	13.91
Eval File Area Limit:	18996-75984		37694-150776		142298-569192		85386-341542		164414-657658		148220-592880		148864-595458	
Eval File Rt Limit:	1.71-2.71		4.09-5.09		5.07-6.07		6.51-7.51		7.99-8.99		11.11-12.11		13.41-14.41	

Data File	Sample#													
7M147169.D	CAL BNA 196PPM	34194	2.21	59656	4.59	216179	5.58	119940	7.03	249655	8.50	224821	11.62	249811	13.92
7M147170.D	CAL BNA 160PPM	33919	2.21	59562	4.59	215501	5.57	122394	7.02	267198	8.49	232513	11.61	250440	13.92
7M147171.D	CAL BNA 120PPM	40143	2.21	71532	4.59	268543	5.58	157643	7.02	335329	8.49	287249	11.61	310371	13.92
7M147172.D	CAL BNA 80PPM	33086	2.21	65121	4.59	241587	5.57	143131	7.02	278910	8.49	248524	11.61	254252	13.91
7M147173.D	CAL BNA 20PPM	37853	2.21	80782	4.59	298647	5.57	177350	7.01	348946	8.49	313606	11.60	303019	13.91
7M147176.D	CAL BNA 0.5PPM	33641	2.21	71323	4.59	270884	5.57	163878	7.01	306296	8.49	265285	11.60	249838	13.91
7M147177.D	CAL BNA 50PPM	37992	2.21	75388	4.59	284596	5.57	170771	7.01	328829	8.49	296440	11.61	297729	13.91
7M147178.D	CAL BNA 2PPM	33969	2.21	73662	4.59	279276	5.57	157869	7.01	317807	8.49	287466	11.60	274445	13.91
7M147179.D	CAL BNA 10PPM	33474	2.21	69490	4.59	265942	5.57	159777	7.01	304472	8.49	278387	11.60	267823	13.91
7M147180.D	ICV BNA 50PPM	36817	2.21	74259	4.59	279349	5.57	170549	7.02	330578	8.49	298654	11.61	300611	13.92

I1 = 1,4-Dioxane-d8(INT)
I2 = 1,4-Dichlorobenzene-d4
I3 = Naphthalene-d8
I4 = Acenaphthene-d10
I5 = Phenanthrene-d10
I6 = Chrysene-d12
I7 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

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FORM8

Internal Standard Areas

Evaluation Std Data File: 14M003290.D Method: EPA 8270E

Analysis Date/Time: 12/01/25 08:09

Lab File ID: CAL BNA 50PPM

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	54918	2.18	56534	4.54	213228	5.53	126502	6.97	268081	8.44	252384	11.55	236686	13.83
Eval File Area Limit:	27459-109836		28267-113068		106614-426456		63251-253004		134040-536162		126192-504768		118343-473372	
Eval File Rt Limit:	1.68-2.68		4.04-5.04		5.03-6.03		6.47-7.47		7.94-8.94		11.05-12.05		13.33-14.33	

Data File	Sample#													
14M003291.D	WMB128181(MS)	67254	2.18	72439	4.54	266259	5.53	161307	6.97	288017	8.45	267983	11.56	264316	13.84
14M003292.D	WMB128181	68262	2.18	69764	4.54	253182	5.52	152010	6.96	272646	8.43	238435	11.54	234283	13.82
14M003293.D	AD56611-003	69634	2.18	71229	4.54	261694	5.52	154185	6.96	281360	8.43	241557	11.54	241608	13.82
14M003294.D	AD56621-013	74231	2.18	75087	4.54	273970	5.52	163298	6.96	297367	8.43	255008	11.54	254909	13.82
14M003295.D	AD56621-014	71306	2.18	70771	4.54	267241	5.52	156896	6.96	285610	8.43	253755	11.54	248138	13.82
14M003296.D	AD56621-015(MS:AD	69292	2.18	74092	4.54	277280	5.52	168533	6.96	307159	8.43	283163	11.55	281539	13.83
14M003297.D	AD56621-016(MSD:A	73426	2.18	78056	4.54	288282	5.52	175786	6.96	315360	8.43	298114	11.55	292768	13.82
14M003298.D	AD56621-017	77331	2.18	76061	4.54	280766	5.52	165516	6.96	306554	8.43	268760	11.54	267496	13.82
14M003299.D	AD56621-018	68479	2.18	71648	4.54	262379	5.52	154259	6.96	272972	8.43	241822	11.54	238485	13.82
14M003300.D	AD56621-019	68852	2.18	71960	4.54	264717	5.52	157366	6.96	279756	8.43	244237	11.54	241633	13.82
14M003301.D	AD56621-020	75429	2.18	76193	4.54	283851	5.52	167930	6.96	300648	8.43	266193	11.54	262270	13.82
14M003302.D	WMB128192(MS)	61926	2.18	64552	4.54	235599	5.52	145513	6.96	259581	8.43	242493	11.55	237943	13.82
14M003303.D	AD56628-001	77762	2.17	71646	4.54	262147	5.52	153067	6.96	277550	8.43	246779	11.54	239741	13.82
14M003304.D	AD56628-002	73878	2.18	74510	4.54	273238	5.52	160743	6.96	285330	8.43	253587	11.54	254190	13.82
14M003305.D	AD56628-003	81759	2.18	77063	4.54	281056	5.52	166342	6.96	297788	8.43	265384	11.54	264415	13.82
14M003306.D	AD56676-001	73312	2.18	75617	4.54	271527	5.52	162051	6.96	293040	8.43	262723	11.54	259586	13.82
14M003307.D	AD56621-002(5X)	62267	2.18	63902	4.53	231963	5.52	137760	6.96	248875	8.43	220901	11.54	219311	13.82
14M003308.D	TEST	58039	2.17	60875	4.53	224174	5.52	134428	6.96	248524	8.43	223714	11.54	218455	13.82
14M003309.D	WMB128192	64908	2.18	65732	4.54	238676	5.52	139356	6.96	248096	8.43	221143	11.54	217540	13.82
14M003310.D	WMB128203(MS)	67805	2.18	71441	4.54	262178	5.52	161876	6.96	293141	8.43	273215	11.55	270119	13.82
14M003311.D	AD56687-001	70070	2.18	69889	4.54	251890	5.52	144792	6.96	263209	8.43	229137	11.54	231293	13.82
14M003312.D	AD56687-002(MS:AD	63436	2.18	64596	4.54	237531	5.52	145750	6.96	267031	8.43	246709	11.54	242479	13.82
14M003313.D	AD56687-003(MSD:A	68735	2.18	66216	4.54	235434	5.52	144605	6.96	257356	8.43	244712	11.54	240792	13.82
14M003314.D	AD56687-004	72914	2.18	74277	4.53	269300	5.52	157885	6.96	280500	8.43	253159	11.54	251097	13.82
14M003315.D	AD56687-005	72916	2.18	75562	4.54	277777	5.54	172589	6.96	306436	8.43	270033	11.54	260911	13.82
14M003316.D	AD56687-006	71885	2.18	72993	4.54	271341	5.54	166609	6.96	297343	8.43	253458	11.54	246818	13.82
14M003317.D	AD56687-007	73758	2.18	73319	4.53	266333	5.52	156352	6.96	278985	8.43	258676	11.54	266069	13.82
14M003318.D	AD56687-008	67246	2.18	67324	4.54	240896	5.52	138163	6.96	253997	8.43	223531	11.54	226502	13.82
14M003319.D	AD56687-009	74673	2.18	75942	4.54	280532	5.54	170607	6.96	301263	8.43	257659	11.54	260237	13.82
14M003320.D	AD56687-010	70887	2.18	71513	4.53	257591	5.52	147601	6.96	262755	8.43	232730	11.54	233023	13.82
14M003321.D	AD56687-011	75630	2.18	76929	4.54	278322	5.54	158544	6.96	273406	8.43	236420	11.54	234680	13.82
14M003322.D	AD56687-012	78993	2.18	76547	4.53	276245	5.52	153289	6.96	281230	8.43	248903	11.54	251936	13.82

I1 = 1,4-Dioxane-d8(INT)
I2 = 1,4-Dichlorobenzene-d4
I3 = Naphthalene-d8
I4 = Acenaphthene-d10
I5 = Phenanthrene-d10
I6 = Chrysene-d12
I7 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

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FORM8

Internal Standard Areas

Evaluation Std Data File: 7M147402.D Method: EPA 8270E

Analysis Date/Time: 12/01/25 08:01

Lab File ID: CAL BNA 50PPM

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	55332	2.21	96956	4.59	363245	5.57	210648	7.02	456013	8.49	405218	11.61	408154	13.92
Eval File Area Limit:	27666-110664		48478-193912		181622-726490		105324-421296		228006-912026		202609-810436		204077-816308	
Eval File Rt Limit:	1.71-2.71		4.09-5.09		5.07-6.07		6.52-7.52		7.99-8.99		11.11-12.11		13.42-14.42	

Data File	Sample#													
7M147403.D	WMB128183(MS)	55616	2.21	95087	4.59	349528	5.57	205660	7.02	388158	8.49	341054	11.61	361649	13.92
7M147404.D	WMB128181	60075	2.21	111019	4.58	416399	5.57	233283	7.01	416137	8.49	344863	11.60	323134	13.91
7M147405.D	WMB128183	59343	2.21	111509	4.58	412788	5.57	241421	7.01	443739	8.49	370217	11.60	349202	13.91
7M147406.D	AD56648-001	58024	2.21	110952	4.58	415926	5.57	240620	7.01	436572	8.49	366394	11.60	349504	13.91
7M147407.D	AD56648-002	60896	2.21	118041	4.58	432987	5.57	251061	7.01	459085	8.49	380570	11.60	360409	13.91
7M147408.D	AD56648-003	64780	2.21	121646	4.58	445446	5.57	236421	7.01	432455	8.49	363690	11.60	373189	13.91
7M147409.D	AD56531-001(T)	51550	2.22	100514	4.58	367600	5.57	206299	7.01	363188	8.49	293532	11.60	292631	13.91
7M147410.D	AD56627-001(T)	52381	2.21	98965	4.58	366153	5.57	206823	7.01	375179	8.49	315568	11.60	300555	13.91
7M147411.D	AD56556-004(R)	61406	2.21	106952	4.58	397179	5.57	238827	7.01	436305	8.49	378498	11.60	381250	13.91
7M147412.D	AD56573-001(T)	50671	2.21	95278	4.58	364163	5.57	209503	7.01	375451	8.49	317713	11.60	300754	13.91
7M147413.D	EF1 V-452783(11/26)	58460	2.22	105893	4.58	397945	5.57	226706	7.01	406056	8.49	338206	11.60	327114	13.91
7M147414.D	AD56688-001	64827	2.21	123642	4.58	446483	5.57	247425	7.01	422874	8.49	377926	11.60	373611	13.91
7M147415.D	AD56713-001	54908	2.21	105382	4.58	386828	5.57	220557	7.01	396123	8.49	332612	11.60	330706	13.91
7M147416.D	AD56679-001(5X)(T)	55668	2.21	93748	4.58	350480	5.57	219340	7.01	400312	8.49	341395	11.60	347896	13.91
7M147417.D	AD56531-001(T)(MS)	54648	2.21	94805	4.58	340062	5.57	198557	7.01	368697	8.49	330935	11.60	346966	13.91
7M147418.D	AD56531-001(T)(MSD	53120	2.21	93705	4.58	340183	5.57	196332	7.01	365975	8.49	324840	11.60	344333	13.91
7M147419.D	AD56705-001	63868	2.21	121605	4.58	435029	5.57	246288	7.01	433851	8.49	376424	11.60	377123	13.91
7M147420.D	SMB128198(MS)	48622	2.20	83355	4.58	297394	5.57	169406	7.01	309377	8.49	274255	11.60	281742	13.91
7M147421.D	SMB128196(MS)	51097	2.20	85891	4.58	308950	5.57	179114	7.01	321382	8.49	286048	11.60	299420	13.91
7M147422.D	OMB128199(MS)	51091	2.21	89002	4.58	311939	5.57	172348	7.01	312319	8.49	278893	11.60	289193	13.91
7M147423.D	AD56705-002	67993	2.21	124326	4.58	441314	5.57	244420	7.01	431337	8.49	374917	11.60	377707	13.91
7M147424.D	AD56705-003	59416	2.21	112794	4.58	407989	5.57	233724	7.01	410283	8.49	363839	11.60	386570	13.91
7M147425.D	WMB128203	58216	2.21	107941	4.58	406900	5.57	235523	7.01	430718	8.49	368498	11.60	368449	13.91
7M147426.D	AD56705-004	57053	2.21	104273	4.58	363529	5.57	212037	7.01	391783	8.49	358457	11.60	355694	13.91
7M147427.D	AD56672-001	58723	2.21	118568	4.58	430525	5.57	250157	7.01	451636	8.49	393605	11.60	397487	13.91
7M147428.D	AD56672-002	70906	2.21	137301	4.58	515690	5.57	303887	7.01	548115	8.49	476452	11.60	491259	13.91
7M147429.D	AD56672-003	72440	2.21	134439	4.58	509882	5.57	301289	7.01	551660	8.49	473951	11.60	484600	13.91
7M147430.D	AD56733-002	48123	2.21	89787	4.58	332682	5.57	190384	7.01	341499	8.49	294315	11.60	297914	13.90
7M147431.D	AD56733-003	60756	2.21	101398	4.58	330484	5.57	162449	7.01	322687	8.49	327410	11.60	352256	13.91
7M147432.D	AD56733-004	57000	2.21	108874	4.58	393567	5.57	214386	7.01	376392	8.49	363658	11.60	393021	13.91
7M147433.D	AD56733-005	54401	2.21	102603	4.58	371274	5.57	213189	7.01	388648	8.49	339434	11.60	351940	13.91

I1 = 1,4-Dioxane-d8(INT)
I2 = 1,4-Dichlorobenzene-d4
I3 = Naphthalene-d8
I4 = Acenaphthene-d10
I5 = Phenanthrene-d10
I6 = Chrysene-d12
I7 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

5112647 0251

FORM8

Internal Standard Areas

Evaluation Std Data File: 7M147435.D Method: EPA 8270E

Analysis Date/Time: 12/02/25 08:16

Lab File ID: CAL BNA 50PPM

	I1		I2		I3		I4		I5		I6		I7	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	52995	2.22	111548	4.58	440864	5.57	257448	7.01	496124	8.49	428270	11.60	446351	13.91
Eval File Area Limit:	26498-105990		55774-223096		220432-881728		128724-514896		248062-992248		214135-856540		223176-892702	
Eval File Rt Limit:	1.72-2.72		4.08-5.08		5.07-6.07		6.51-7.51		7.99-8.99		11.1-12.1		13.41-14.41	

Data File	Sample#													
7M147436.D	AD56733-007	54032	2.22	97378	4.59	321667	5.57	172298	7.02	313492	8.49	304420	11.60	320536	13.91
7M147437.D	AD56733-008(MS:AD	60408	2.22	101619	4.58	352070	5.57	195652	7.01	354879	8.49	332399	11.61	363787	13.91
7M147438.D	AD56733-009(MSD:A	59024	2.22	99812	4.58	353383	5.57	192183	7.01	356787	8.49	334443	11.61	360446	13.91
7M147439.D	AD56733-006	48457	2.21	94403	4.58	351745	5.57	206247	7.01	375648	8.49	324075	11.60	328707	13.91
7M147440.D	AD56733-010	52320	2.22	93602	4.58	306724	5.57	152653	7.01	291730	8.49	310002	11.60	323075	13.91
7M147441.D	AD56733-011	51131	2.21	99372	4.58	367868	5.57	213628	7.01	385852	8.49	343476	11.60	345011	13.91
7M147442.D	AD56705-004(5X)	49196	2.22	94871	4.58	335923	5.57	184319	7.01	336149	8.49	287070	11.60	284247	13.91
7M147443.D	SMB128208(MS)	45371	2.20	79541	4.58	295606	5.57	174264	7.01	325529	8.49	297830	11.60	313855	13.91
7M147444.D	SMB128208	43204	2.20	81797	4.58	306081	5.57	179351	7.01	329004	8.49	280500	11.60	280742	13.91
7M147445.D	WMB128192	59285	2.22	108254	4.58	390018	5.57	217229	7.01	396792	8.49	338845	11.60	338547	13.91
7M147446.D	AD56687-005(50X)	55263	2.22	106237	4.58	382675	5.57	224070	7.01	414819	8.49	359525	11.60	369634	13.91
7M147447.D	AD56687-006(40X)	53790	2.22	101301	4.58	370502	5.57	215357	7.01	386382	8.49	328587	11.60	321221	13.91
7M147448.D	AD56687-009(40X)	50334	2.21	94082	4.58	346677	5.57	200477	7.01	357430	8.49	301247	11.60	306494	13.91
7M147449.D	AD56687-011(30X)	47526	2.21	92376	4.58	336955	5.57	203650	7.01	373663	8.49	321136	11.60	324076	13.91
7M147450.D	AD56641-004(3X)	46184	2.21	86794	4.58	322179	5.57	186669	7.01	334952	8.49	280355	11.60	307840	13.91
7M147451.D	AD56521-009(3X)	43886	2.21	85134	4.58	322693	5.57	191489	7.01	343897	8.49	293586	11.60	314954	13.91
7M147452.D	AD56521-008(3X)	42496	2.21	82207	4.58	311957	5.57	179887	7.01	314778	8.49	273199	11.60	305247	13.91
7M147453.D	AD56521-014	49266	2.20	91915	4.58	344250	5.57	203289	7.01	365917	8.49	308615	11.60	334245	13.91
7M147454.D	AD56521-012	43610	2.20	64305	4.58	293285	5.57	180593	7.01	322674	8.49	273409	11.60	294862	13.91
7M147455.D	AD56521-011	42716	2.20	57233	4.58	210711A	5.57	170516	7.01	325262	8.49	274304	11.60	294983	13.91
7M147456.D	AD56521-016	44599	2.20	82226	4.58	320487	5.57	185562	7.01	336939	8.49	283769	11.60	308871	13.91
7M147457.D	AD56521-015	45707	2.20	84586	4.58	322911	5.57	189133	7.01	346474	8.49	299357	11.60	313667	13.91
7M147458.D	AD56521-001(15X)	43268	2.22	88207	4.58	336866	5.57	194988	7.01	355146	8.49	293670	11.60	323886	13.91

I1 = 1,4-Dioxane-d8(INT)
I2 = 1,4-Dichlorobenzene-d4
I3 = Naphthalene-d8
I4 = Acenaphthene-d10
I5 = Phenanthrene-d10
I6 = Chrysene-d12
I7 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration =5ug/L

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Base Neutral/Acid Extractable Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-002
Client Id: EQUIPMENT BLANK
Data File: 7M147430.D
Analysis Date: 12/01/25 18:16
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	91-20-3	Naphthalene	1.9	U
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

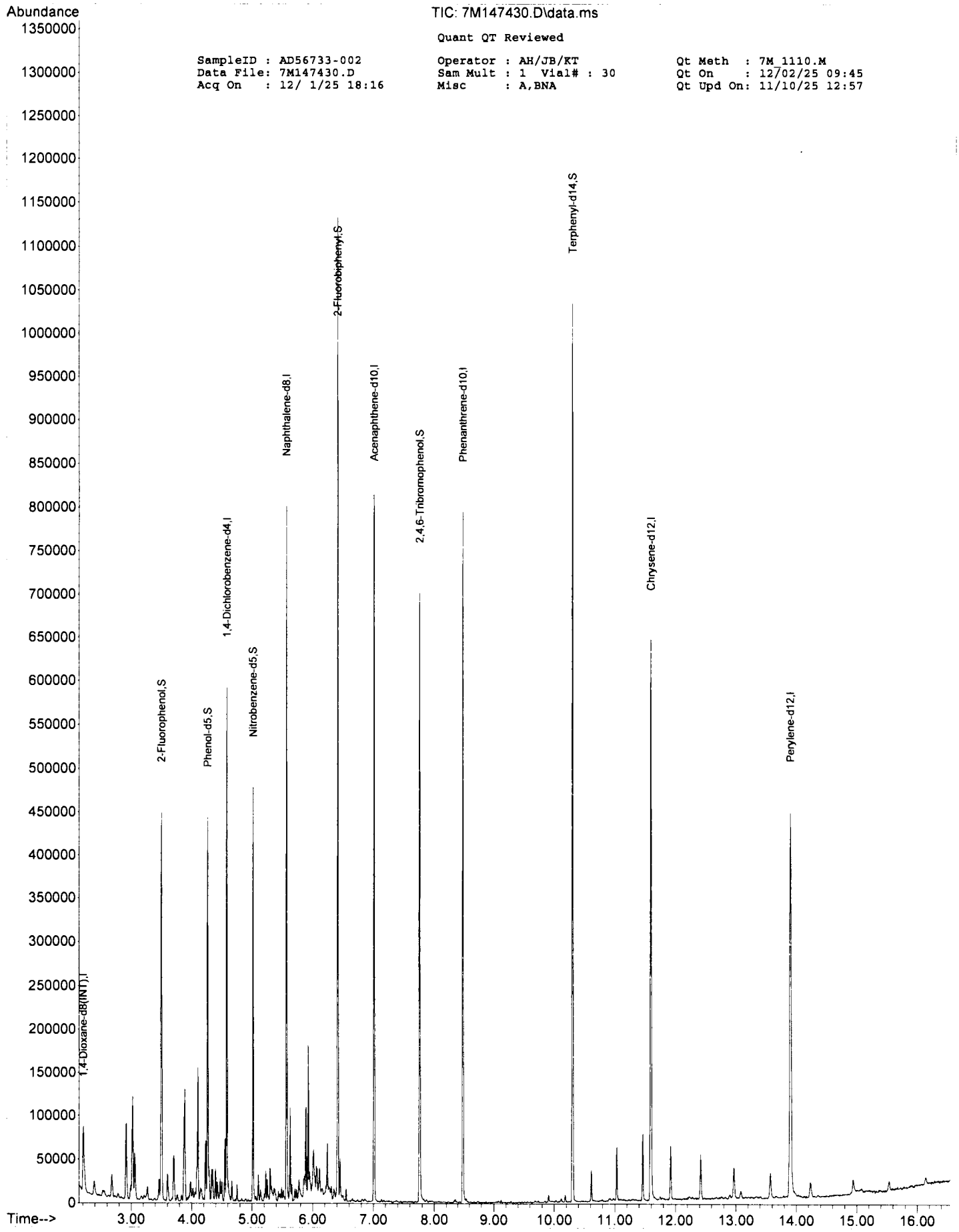
Quantitation Report (QT Reviewed)

SampleID : AD56733-002 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147430.D Sam Mult : 1 Vial# : 30 Qt On : 12/02/25 09:45
Acq On : 12/ 1/25 18:16 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.208	96	48123	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.582	152	89787	40.00	ng	0.00
31) Naphthalene-d8	5.569	136	332682	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	190384	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	341499	40.00	ng	0.00
90) Chrysene-d12	11.597	240	294315	40.00	ng	-0.01
102) Perylene-d12	13.900	264	297914	40.00	ng	-0.01
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	170773	63.92	ng	0.00
Spiked Amount 100.000			Recovery = 63.92%			
16) Phenol-d5	4.264	99	146459	44.40	ng	0.00
Spiked Amount 100.000			Recovery = 44.40%			
32) Nitrobenzene-d5	5.016	128	69196	56.18	ng	0.00
Spiked Amount 50.000			Recovery = 112.36%			
55) 2-Fluorobiphenyl	6.415	172	320795	52.86	ng	0.00
Spiked Amount 50.000			Recovery = 105.72%			
79) 2,4,6-Tribromophenol	7.760	330	98922	110.12	ng	0.00
Spiked Amount 100.000			Recovery = 110.12%			
93) Terphenyl-d14	10.304	244	370641	57.41	ng	0.00
Spiked Amount 50.000			Recovery = 114.82%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed P


Abundance
TIC: 7M147430.D\data.ms
Quant QT Reviewed
SampleID : AD56733-002
Data File: 7M147430.D
Acq On : 12/ 1/25 18:16
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 30
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:45
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-003
Client Id: MW-3-50
Data File: 7M147431.D
Analysis Date: 12/01/25 18:38
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**1.9**	**2.0**
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**58**	**132-64-9**	**Dibenzofuran**	**1.9**	**8.0**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**16**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**6.0**
83-32-9	**Acenaphthene**	**1.9**	**12**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**18**
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	**129-00-0**	**Pyrene**	**1.9**	**2.0**

Worksheet #: 818576

Total Target Concentration 120

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

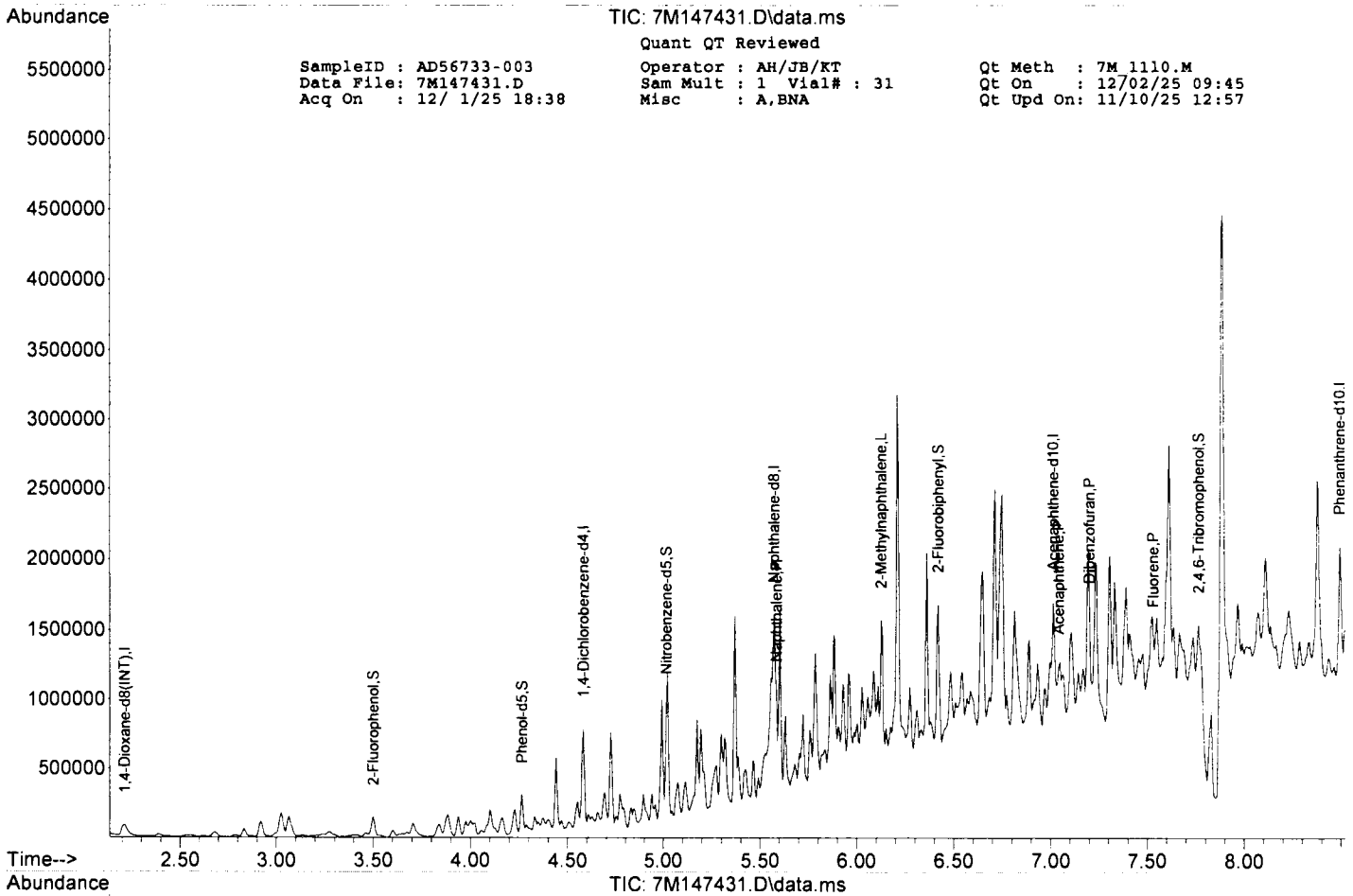
SampleID : AD56733-003 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147431.D Sam Mult : 1 Vial# : 31 Qt On : 12/02/25 09:45
Acq On : 12/ 1/25 18:38 Misc : A,BNA Qt Upd On: 11/10/25 12:57

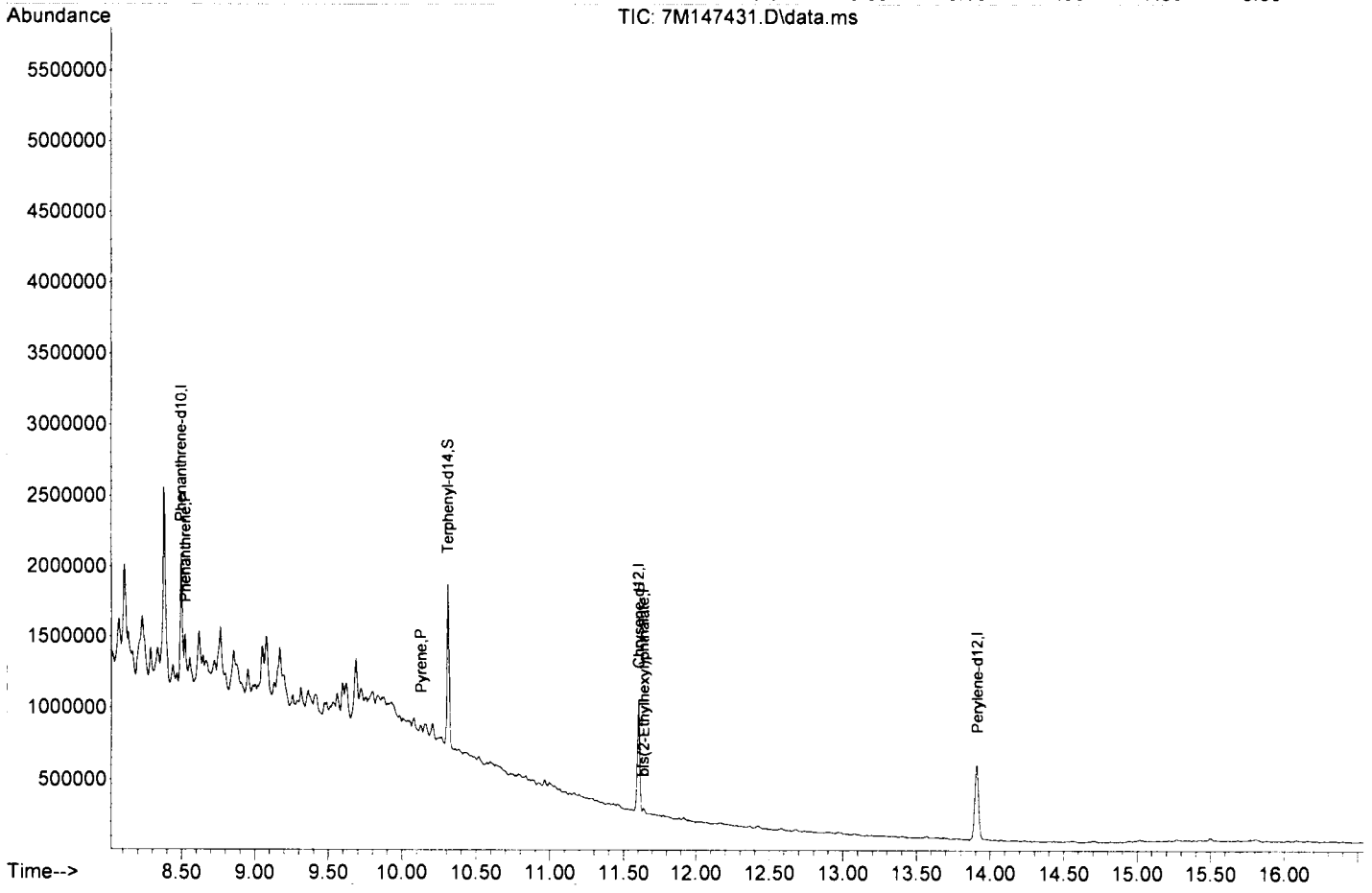
Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

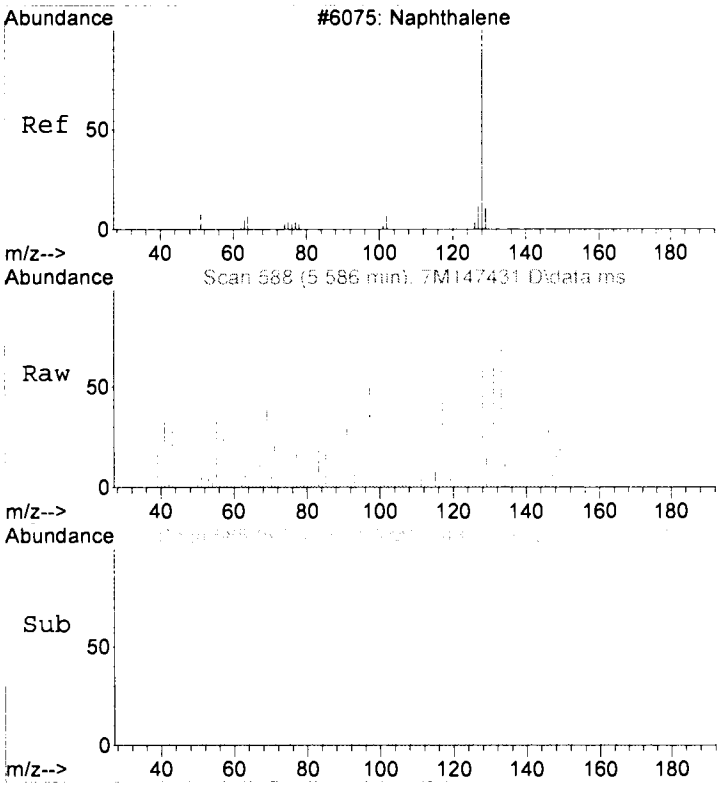
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	60756	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.582	152	101398	40.00	ng	0.00
31) Naphthalene-d8	5.575	136	330484	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	162449	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	322687	40.00	ng	0.00
90) Chrysene-d12	11.603	240	327410	40.00	ng	0.00
102) Perylene-d12	13.912	264	352256	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.501	112	51352	15.22	ng	0.00
Spiked Amount 100.000			Recovery = 15.22%			
16) Phenol-d5	4.264	99	70202	16.86	ng	0.00
Spiked Amount 100.000			Recovery = 16.86%			
32) Nitrobenzene-d5	5.016	128	81996	67.01	ng	0.00
Spiked Amount 50.000			Recovery = 134.02%			
55) 2-Fluorobiphenyl	6.421	172	285536	55.15	ng	0.00
Spiked Amount 50.000			Recovery = 110.30%			
79) 2,4,6-Tribromophenol	7.766	330	26806	31.58	ng	0.00
Spiked Amount 100.000			Recovery = 31.58%			
93) Terphenyl-d14	10.310	244	384789	53.58	ng	0.00
Spiked Amount 50.000			Recovery = 107.16%			
Target Compounds						Qvalue
41) Naphthalene	5.586	128	44956m	6.1606	ng	
46) 2-Methylnaphthalene	6.127	142	277908m	59.8080	ng	
64) Acenaphthene	7.043	153	47368m	12.0217	ng	
67) Dibenzofuran	7.202	168	46645m	8.1892	ng	
71) Fluorene	7.531	166	76981m	16.2693	ng	
85) Phenanthrene	8.524	178	126093m	18.5550	ng	
91) Pyrene	10.128	202	19429m	2.0307	ng	
101) bis(2-Ethylhexyl)phtha...	11.638	149	10659m	2.0452	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P


Abundance
TIC: 7M147431.D\data.ms
Quant QT Reviewed
SampleID : AD56733-003
Data File: 7M147431.D
Acq On : 12/ 1/25 18:38
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 31
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:45
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Methylnaphthalene,L
2-Fluorobiphenyl,S
Acenaphthene-d10,I
Dibenzofuran,P
Fluorene,P
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Time-->

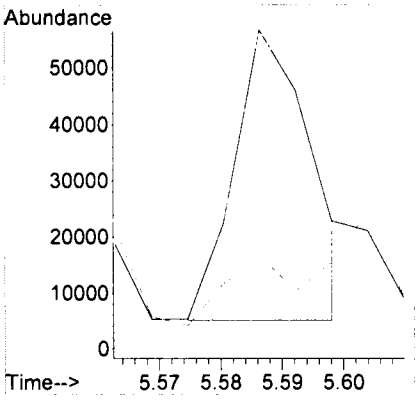

Abundance
TIC: 7M147431.D\data.ms
Phenanthrene-d10,I
Terphenyl-d14,S
Pyrene,P
Perylene-d12,I
Time-->

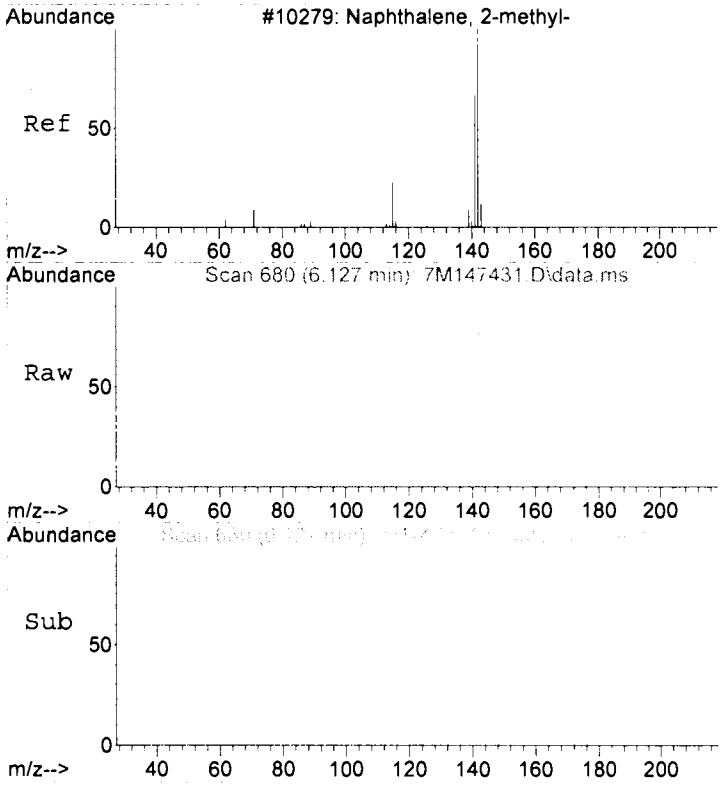


#41
Naphthalene
Concen: 6.16 ng m
RT: 5.586 min Scan# 588
Delta R.T. -0.006 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:128 Resp: 44956

Ion	Ratio	Lower	Upper
128	100		
129	29.5	0.0	50.9
127	19.9	0.0	52.4

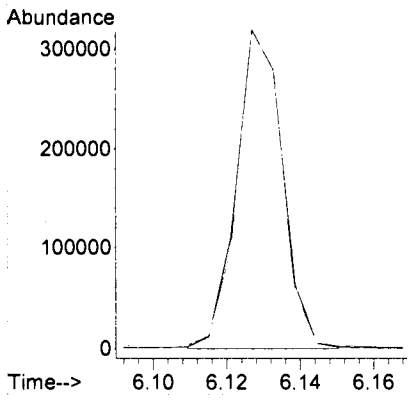


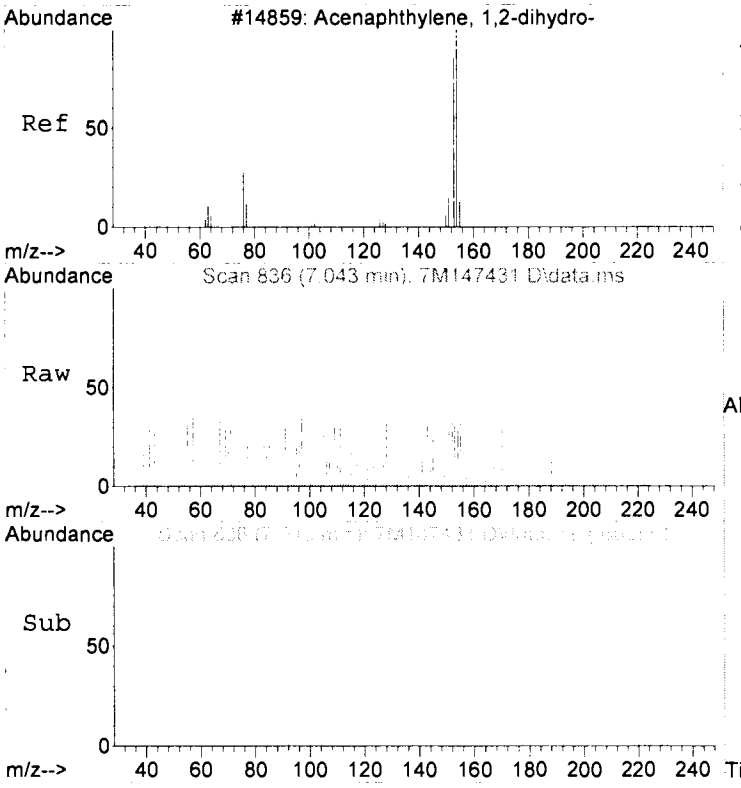


#46
2-Methylnaphthalene
Concen: 59.81 ng m
RT: 6.127 min Scan# 680
Delta R.T. 0.000 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:142 Resp: 277908

Ion	Ratio	Lower	Upper
142	100		
141	89.5	44.6	124.6

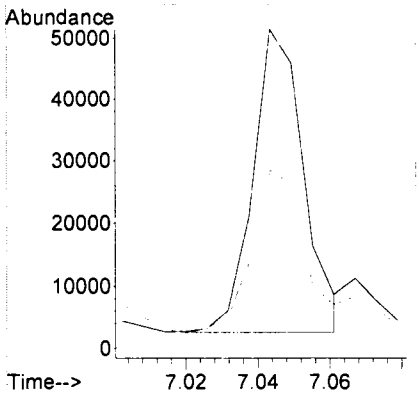


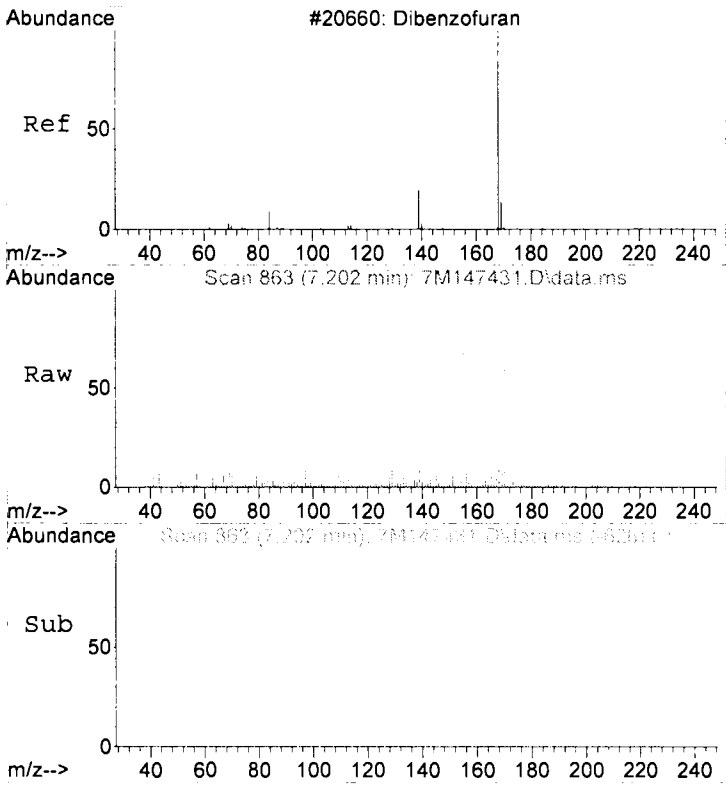


#64
Acenaphthene
Concen: 12.02 ng m
RT: 7.043 min Scan# 836
Delta R.T. -0.006 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:153 Resp: 47368

Ion	Ratio	Lower	Upper
153	100		
152	55.3	10.0	90.0
154	78.4	57.5	137.5

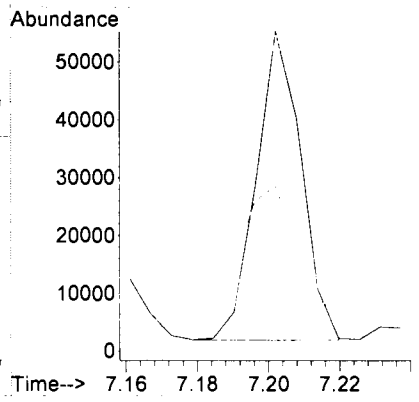


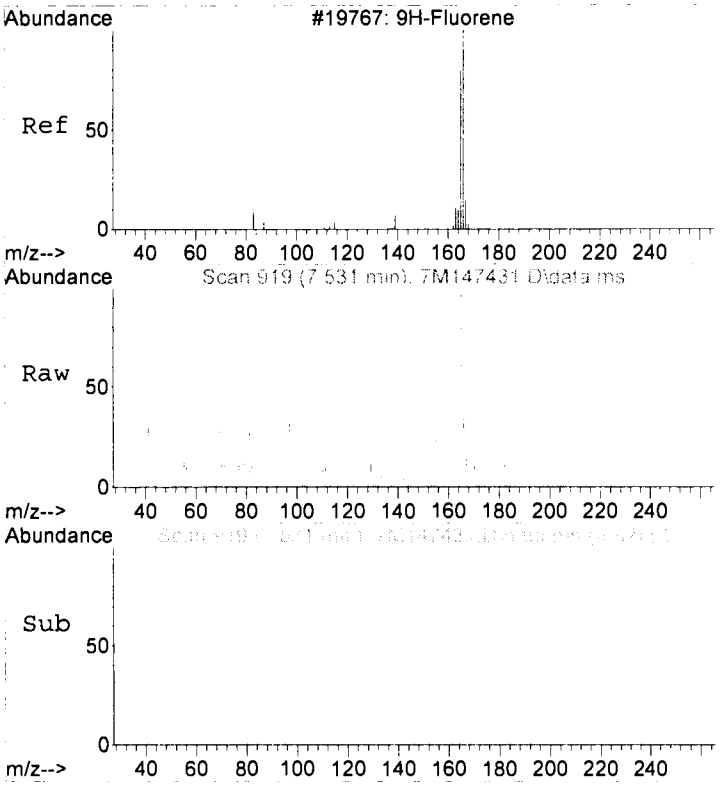


#67
Dibenzofuran
Concen: 8.19 ng m
RT: 7.202 min Scan# 863
Delta R.T. 0.000 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:168 Resp: 46645

Ion	Ratio	Lower	Upper
168	100		
139	51.6	0.0	246.0

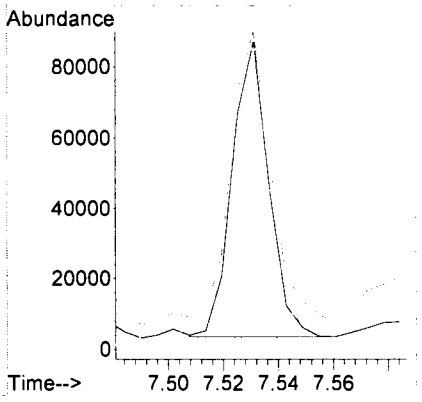


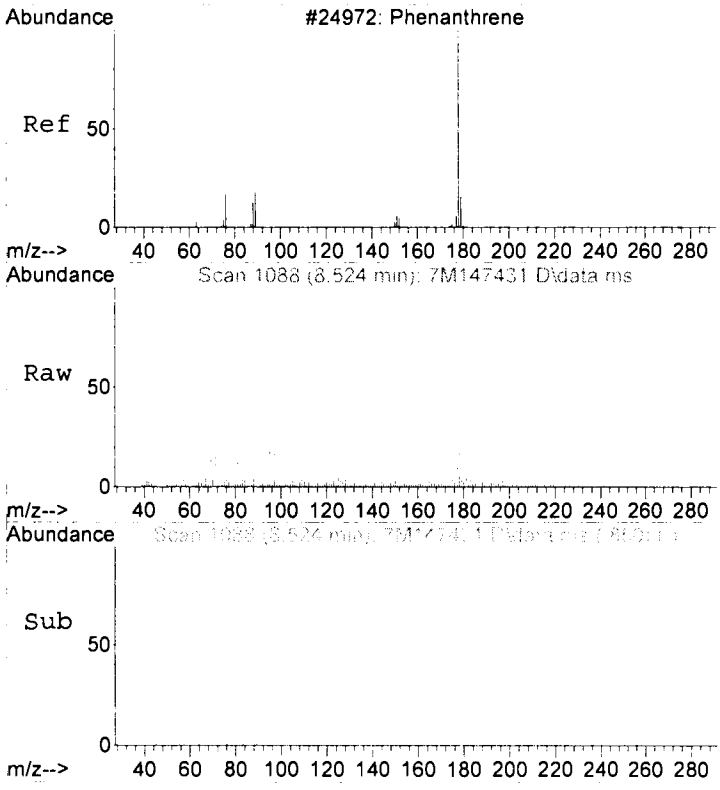


#71
Fluorene
Concen: 16.27 ng m
RT: 7.531 min Scan# 919
Delta R.T. 0.000 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:166 Resp: 76981

Ion	Ratio	Lower	Upper
166	100		
165	103.4	0.0	292.6
167	23.9	0.0	213.2

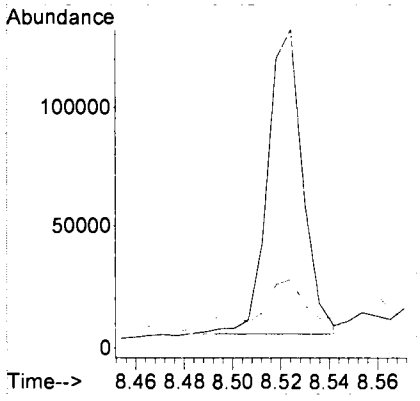


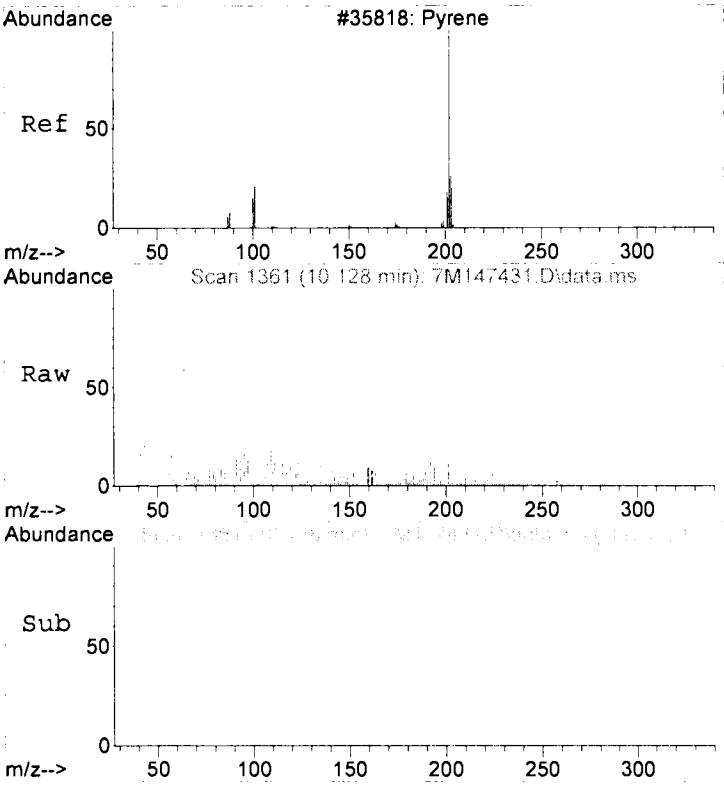


#85
Phenanthrene
Concen: 18.56 ng m
RT: 8.524 min Scan# 1088
Delta R.T. 0.006 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:178 Resp: 126093

Ion	Ratio	Lower	Upper
178	100		
179	21.2	0.0	55.5
176	21.6	0.0	59.3

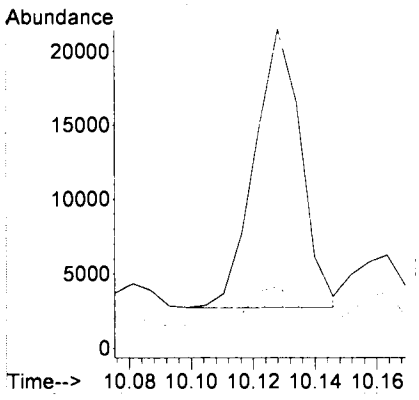


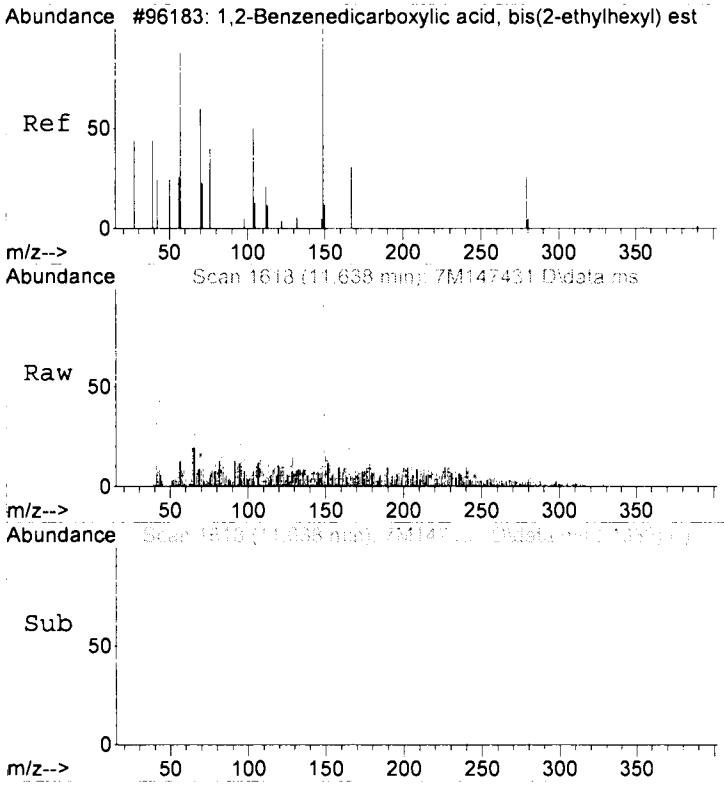


#91
Pyrene
Concen: 2.03 ng m
RT: 10.128 min Scan# 1361
Delta R.T. 0.006 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:202 Resp: 19429

Ion	Ratio	Lower	Upper
202	100		
101	19.2	0.0	62.2
100	14.3	0.0	57.8

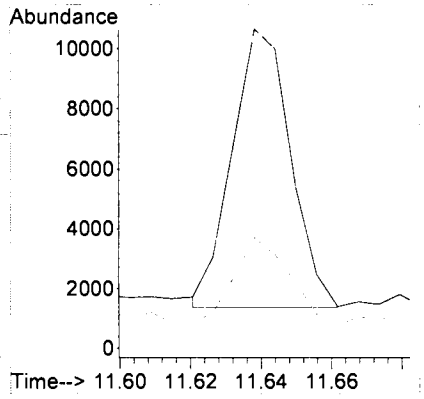




#101
bis(2-Ethylhexyl)phthalate
Concen: 2.05 ng m
RT: 11.638 min Scan# 1618
Delta R.T. -0.006 min
Lab File: 7M147431.D
Acq: 1 Dec 2025 18:38

Tgt Ion:149 Resp: 10659

Ion	Ratio	Lower	Upper
149	100		
167	34.8	0.0	54.4
279	7.5	0.0	43.5



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-004
Client Id: MW-15-60
Data File: 7M147432.D
Analysis Date: 12/01/25 19:00
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1050ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.48	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.48	U
120-83-2	2,4-Dichlorophenol	0.48	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.5	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.56	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.5	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.1	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**8.2**
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.54	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.48	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.5	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 8.2

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

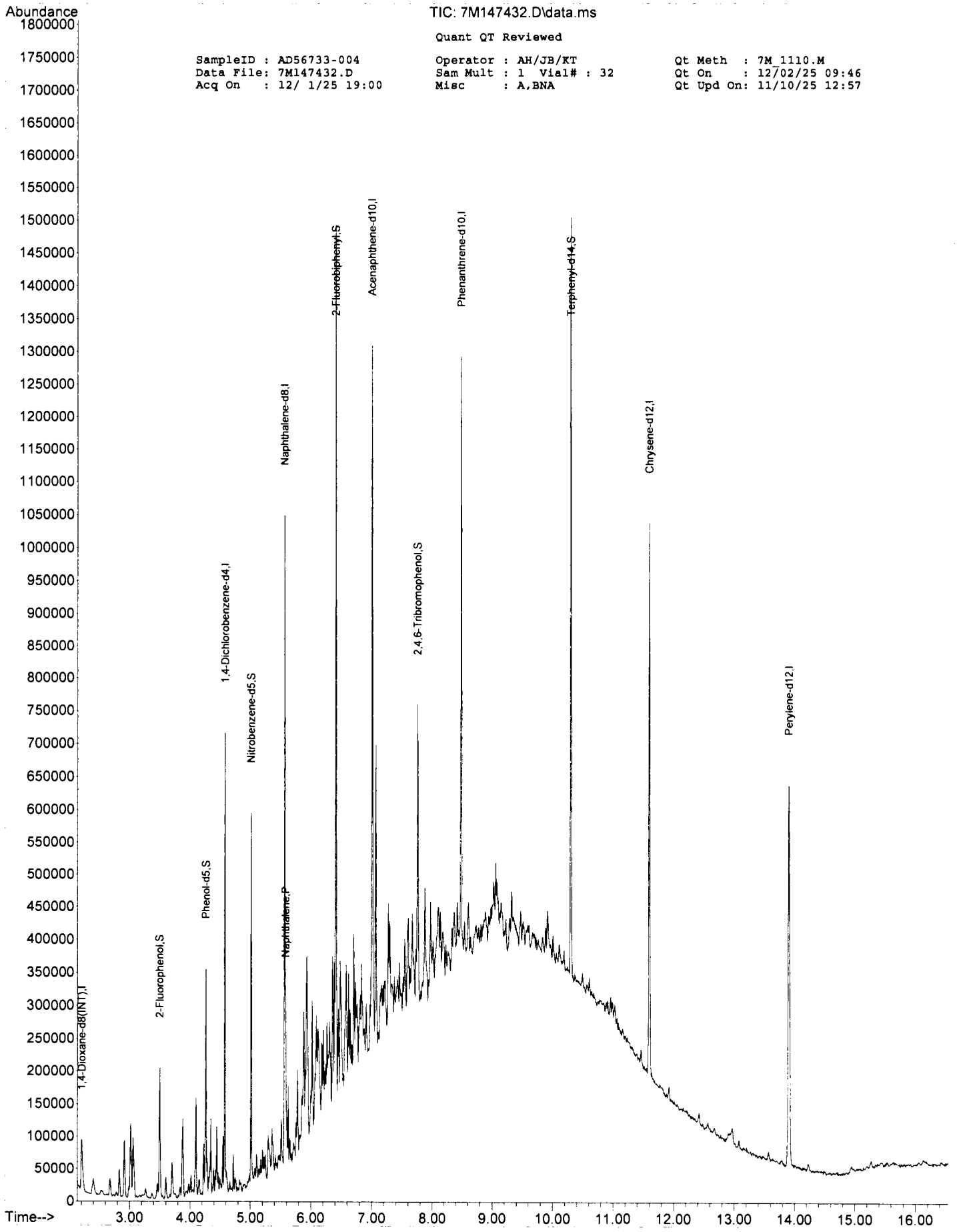
SampleID : AD56733-004 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147432.D Sam Mult : 1 Vial# : 32 Qt On : 12/02/25 09:46
Acq On : 12/ 1/25 19:00 Misc : A,BNA Qt Upd On: 11/10/25 12:57

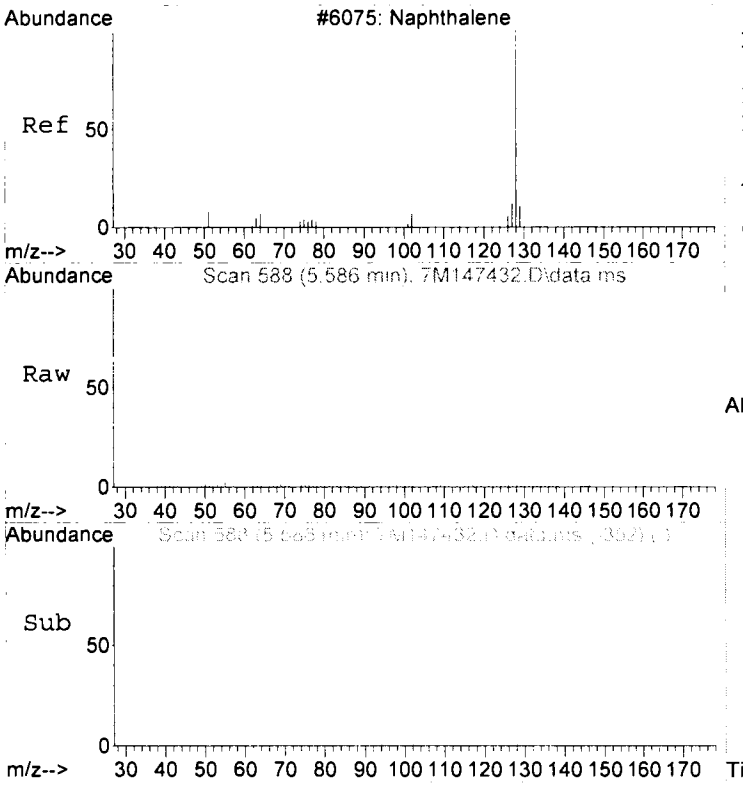
Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.208	96	57000	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	108874	40.00	ng	0.00
31) Naphthalene-d8	5.569	136	393567	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	214386	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	376392	40.00	ng	0.00
90) Chrysene-d12	11.603	240	363658	40.00	ng	0.00
102) Perylene-d12	13.906	264	393021	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	79694	25.18	ng	0.00
Spiked Amount 100.000			Recovery = 25.18%			
16) Phenol-d5	4.264	99	97217	24.88	ng	0.00
Spiked Amount 100.000			Recovery = 24.88%			
32) Nitrobenzene-d5	5.016	128	80740	55.41	ng	0.00
Spiked Amount 50.000			Recovery = 110.82%			
55) 2-Fluorobiphenyl	6.415	172	362512	53.05	ng	0.00
Spiked Amount 50.000			Recovery = 106.10%			
79) 2,4,6-Tribromophenol	7.760	330	54393	54.94	ng	0.00
Spiked Amount 100.000			Recovery = 54.94%			
93) Terphenyl-d14	10.310	244	414310	51.94	ng	0.00
Spiked Amount 50.000			Recovery = 103.88%			
Target Compounds						Qvalue
41) Naphthalene	5.586	128	75264m	8.6607	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P

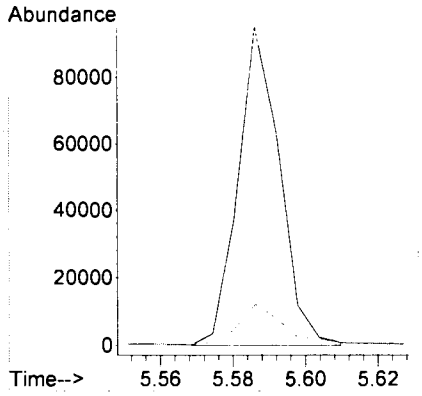

Abundance
TIC: 7M147432.D\data.ms
Quant QT Reviewed
SampleID : AD56733-004
Data File: 7M147432.D
Acq On : 12/ 1/25 19:00
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 32
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:46
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
Naphthalene,P
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->



#41
Naphthalene
Concen: 8.66 ng m
RT: 5.586 min Scan# 588
Delta R.T. -0.006 min
Lab File: 7M147432.D
Acq: 1 Dec 2025 19:00

Tgt Ion:128 Resp: 75264

Ion	Ratio	Lower	Upper
128	100		
129	12.9	0.0	50.9
127	12.6	0.0	52.4



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-005
Client Id: MW-GF-21R
Data File: 7M147433.D
Analysis Date: 12/01/25 19:22
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
123-91-1	1,4-Dioxane	0.53	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.53	U
120-83-2	2,4-Dichlorophenol	0.53	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	2.1	U
95-48-7	2-Methylphenol	0.62	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.57	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	**86-73-7**	**Fluorene**	**2.1**	**3.6**
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	6.8	U
106-47-8	4-Chloroaniline	2.1	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	2.1	U
83-32-9	**Acenaphthene**	**2.1**	**2.4**	98-95-3	Nitrobenzene	0.60	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.53	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

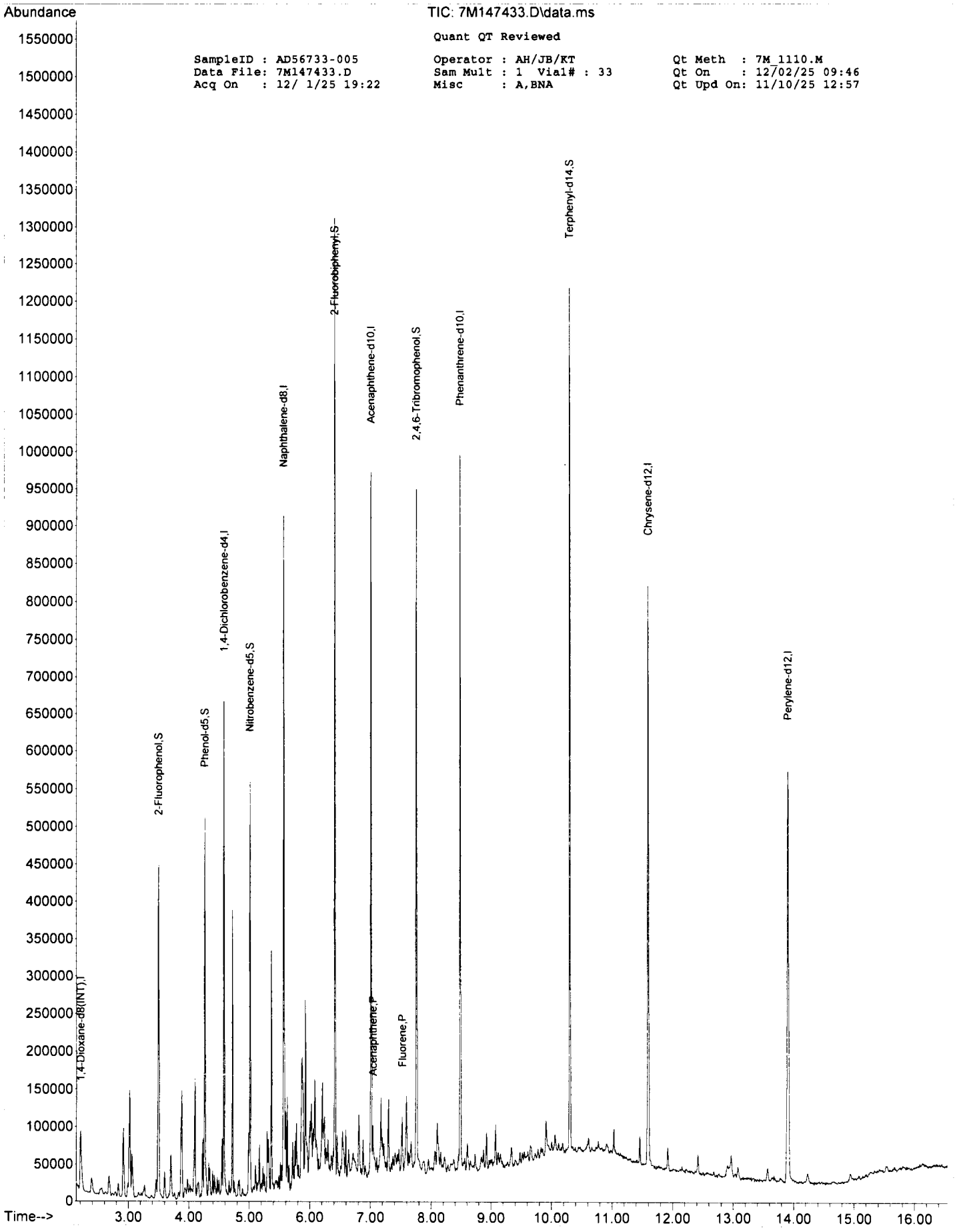
SampleID : AD56733-005 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147433.D Sam Mult : 1 Vial# : 33 Qt On : 12/02/25 09:46
Acq On : 12/ 1/25 19:22 Misc : A,BNA Qt Upd On: 11/10/25 12:57

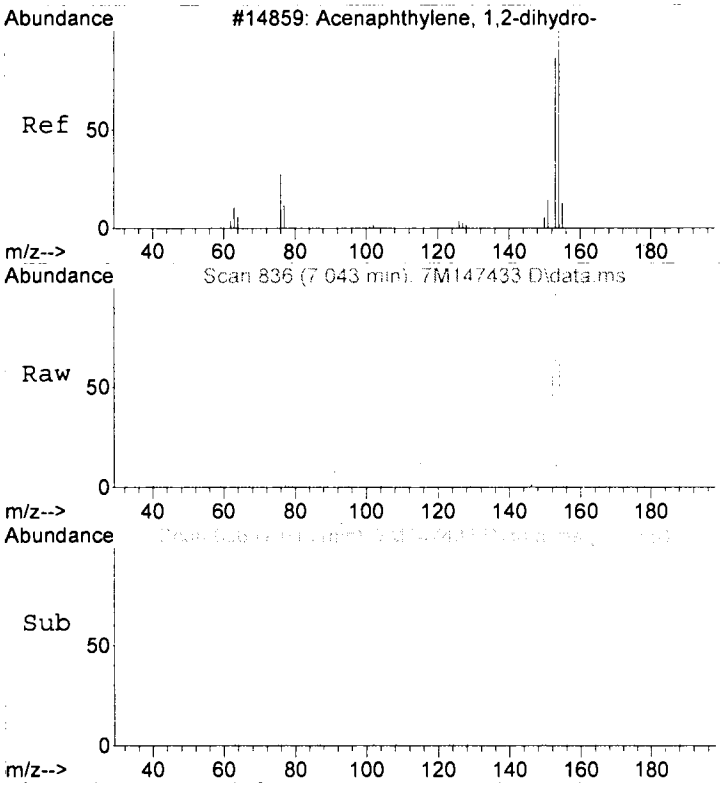
Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.208	96	54401	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	102603	40.00	ng	0.00
31) Naphthalene-d8	5.568	136	371274	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	213189	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	388648	40.00	ng	0.00
90) Chrysene-d12	11.597	240	339434	40.00	ng	-0.01
102) Perylene-d12	13.906	264	351940	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	174987	57.94	ng	0.00
Spiked Amount 100.000			Recovery = 57.94%			
16) Phenol-d5	4.264	99	161835	43.40	ng	0.00
Spiked Amount 100.000			Recovery = 43.40%			
32) Nitrobenzene-d5	5.016	128	76767	55.84	ng	0.00
Spiked Amount 50.000			Recovery = 111.68%			
55) 2-Fluorobiphenyl	6.415	172	360360	53.03	ng	0.00
Spiked Amount 50.000			Recovery = 106.06%			
79) 2,4,6-Tribromophenol	7.760	330	119678	117.07	ng	0.00
Spiked Amount 100.000			Recovery = 117.07%			
93) Terphenyl-d14	10.304	244	404550	54.33	ng	0.00
Spiked Amount 50.000			Recovery = 108.66%			
Target Compounds						Qvalue
64) Acenaphthene	7.043	153	11851m	2.2919	ng	
71) Fluorene	7.525	166	21115m	3.4004	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P

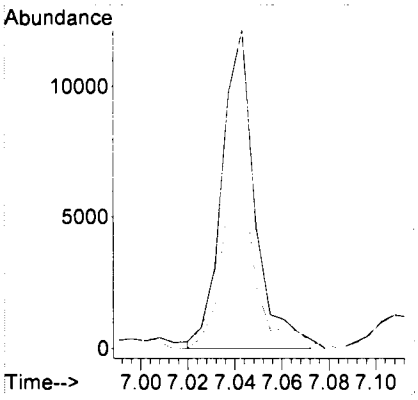

Abundance
TIC: 7M147433.D\data.ms
Quant QT Reviewed
SampleID : AD56733-005
Data File: 7M147433.D
Acq On : 12/ 1/25 19:22
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 33
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:46
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
Acenaphthene,P
Fluorene,P
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

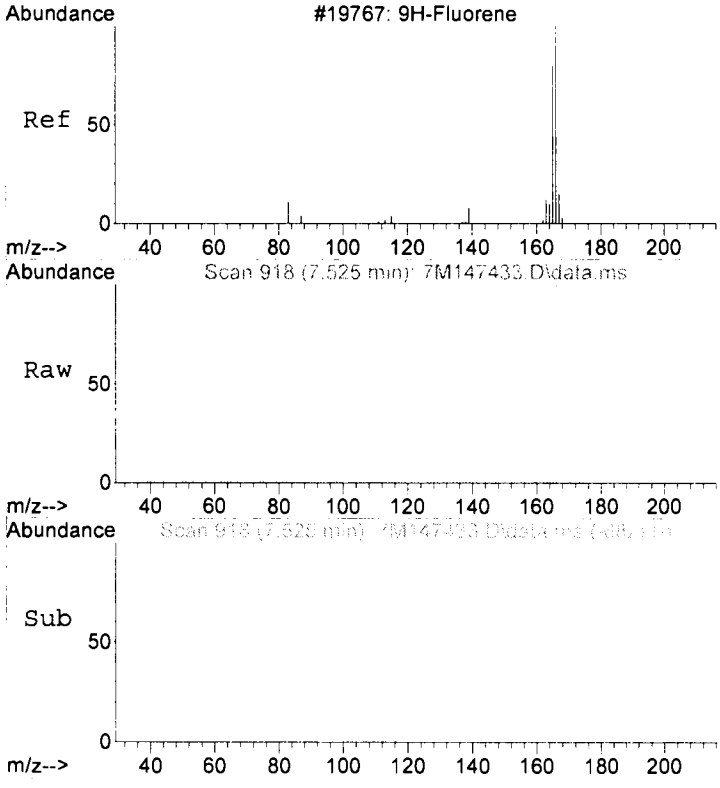


#64
Acenaphthene
Concen: 2.29 ng m
RT: 7.043 min Scan# 836
Delta R.T. -0.006 min
Lab File: 7M147433.D
Acq: 1 Dec 2025 19:22

Tgt Ion:153 Resp: 11851

Ion	Ratio	Lower	Upper
153	100		
152	55.5	10.0	90.0
154	84.0	57.5	137.5

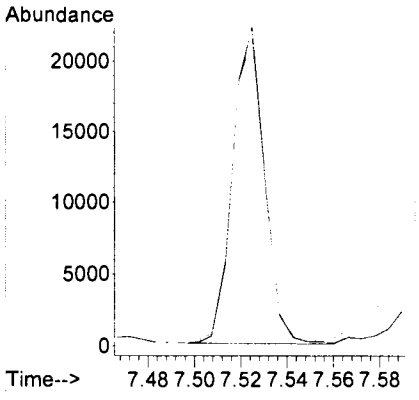




#71
Fluorene
Concen: 3.40 ng m
RT: 7.525 min Scan# 918
Delta R.T. -0.006 min
Lab File: 7M147433.D
Acq: 1 Dec 2025 19:22

Tgt Ion:166 Resp: 21115

Ion	Ratio	Lower	Upper
166	100		
165	96.6	0.0	292.6
167	14.8	0.0	213.2



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-006
Client Id: MW-GF-22
Data File: 7M147439.D
Analysis Date: 12/02/25 09:47
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
123-91-1	1,4-Dioxane	0.54	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	0.54	U
120-83-2	2,4-Dichlorophenol	0.54	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	0.63	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	0.59	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	6.9	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	0.61	U
208-96-8	Acenaphthylene	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	0.54	U
98-86-2	Acetophenone	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
120-12-7	Anthracene	2.2	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.2	U	85-01-8	Phenanthrene	2.2	U
100-52-7	Benzaldehyde	2.2	U	108-95-2	Phenol	2.2	U
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

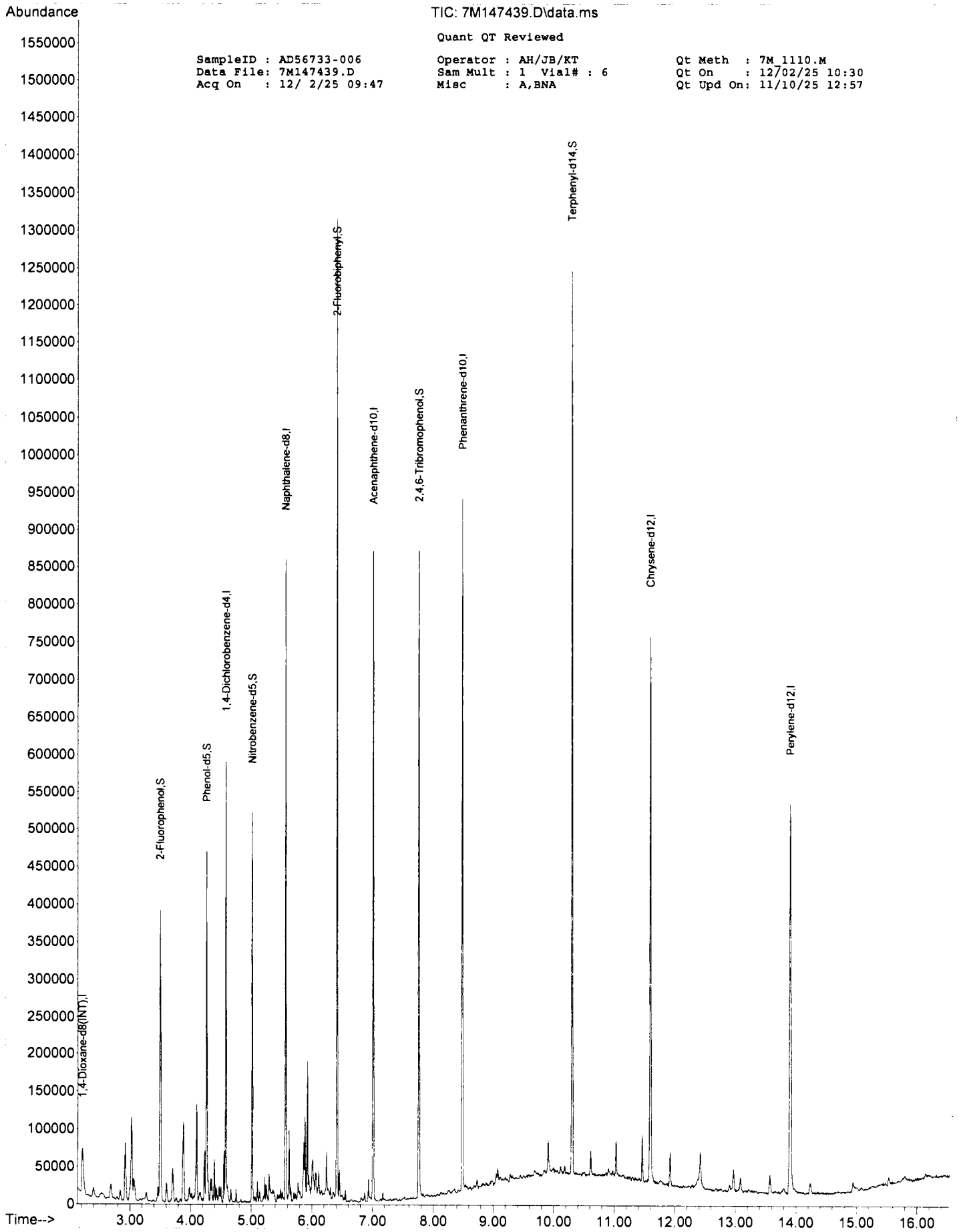
Quantitation Report (QT Reviewed)

SampleID : AD56733-006 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147439.D Sam Mult : 1 Vial# : 6 Qt On : 12/02/25 10:30
Acq On : 12/ 2/25 09:47 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	48457	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	94403	40.00	ng	0.00
31) Naphthalene-d8	5.569	136	351745	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	206247	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	375648	40.00	ng	0.00
90) Chrysene-d12	11.597	240	324075	40.00	ng	-0.01
102) Perylene-d12	13.906	264	328707	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	161723	60.11	ng	0.00
Spiked Amount 100.000			Recovery = 60.11%			
16) Phenol-d5	4.264	99	148707	44.77	ng	0.00
Spiked Amount 100.000			Recovery = 44.77%			
32) Nitrobenzene-d5	5.016	128	75454	57.94	ng	0.00
Spiked Amount 50.000			Recovery = 115.88%			
55) 2-Fluorobiphenyl	6.415	172	366277	55.72	ng	0.00
Spiked Amount 50.000			Recovery = 111.44%			
79) 2,4,6-Tribromophenol	7.760	330	118074	119.50	ng	0.00
Spiked Amount 100.000			Recovery = 119.50%			
93) Terphenyl-d14	10.304	244	418697	58.90	ng	0.00
Spiked Amount 50.000			Recovery = 117.80%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147439.D\data.ms
Quant QT Reviewed
SampleID : AD56733-006
Data File: 7M147439.D
Acq On : 12/ 2/25 09:47
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 10:30
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-007
Client Id: MW-40S
Data File: 7M147436.D
Analysis Date: 12/02/25 08:41
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**4.7**	**132-64-9**	**Dibenzofuran**	**1.9**	**5.4**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**9.6**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**4.7**
83-32-9	**Acenaphthene**	**1.9**	**8.4**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**8.4**
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

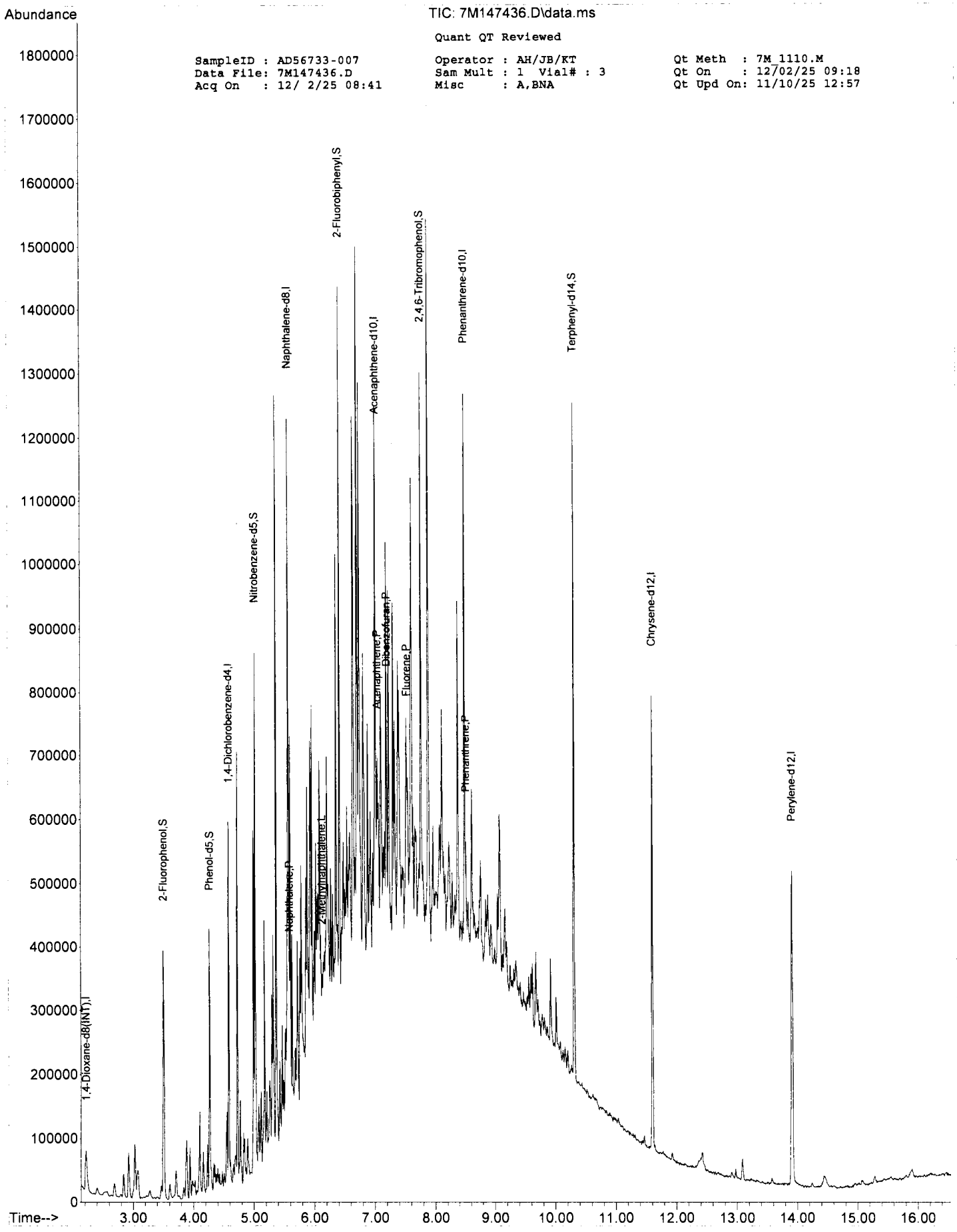
SampleID : AD56733-007 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147436.D Sam Mult : 1 Vial# : 3 Qt On : 12/02/25 09:18
Acq On : 12/ 2/25 08:41 Misc : A,BNA Qt Upd On: 11/10/25 12:57

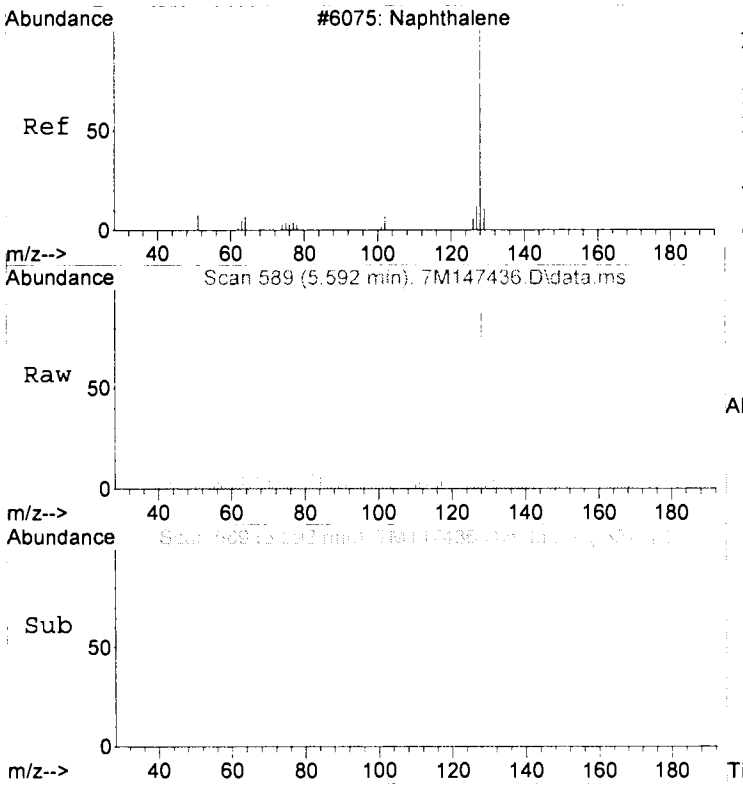
Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.219	96	54032	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.587	152	97378	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	321667	40.00	ng	0.00
50) Acenaphthene-d10	7.020	164	172298	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	313492	40.00	ng	0.00
90) Chrysene-d12	11.603	240	304420	40.00	ng	0.00
102) Perylene-d12	13.912	264	320536	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	168716	56.24	ng	0.00
Spiked Amount 100.000			Recovery = 56.24%			
16) Phenol-d5	4.270	99	149413	40.34	ng	0.00
Spiked Amount 100.000			Recovery = 40.34%			
32) Nitrobenzene-d5	5.022	128	74973	62.95	ng	0.00
Spiked Amount 50.000			Recovery = 125.90%			
55) 2-Fluorobiphenyl	6.420	172	298013	54.26	ng	0.00
Spiked Amount 50.000			Recovery = 108.52%			
79) 2,4,6-Tribromophenol	7.766	330	101847	123.51	ng	0.00
Spiked Amount 100.000			Recovery = 123.51%			
93) Terphenyl-d14	10.310	244	355272	53.20	ng	0.00
Spiked Amount 50.000			Recovery = 106.40%			
Target Compounds						Qvalue
41) Naphthalene	5.592	128	34568m	4.8669	ng	
46) 2-Methylnaphthalene	6.127	142	21949	4.8531	ng	97
64) Acenaphthene	7.049	153	36186m	8.6588	ng	
67) Dibenzofuran	7.202	168	33497m	5.5447	ng	
71) Fluorene	7.531	166	49476m	9.8586	ng	
85) Phenanthrene	8.518	178	57006m	8.6347	ng	

P

(#) = qualifier out of range (m) = manual integration (+) = signals summed

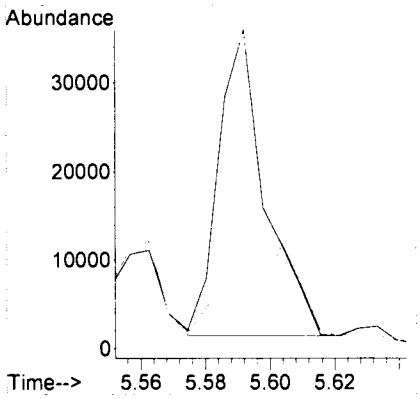

Abundance
TIC: 7M147436.D\data.ms
Quant QT Reviewed
SampleID : AD56733-007
Data File: 7M147436.D
Acq On : 12/ 2/25 08:41
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:18
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene,P
Naphthalene-d8,I
2-Methylnaphthalene,I
2-Fluorobiphenyl,S
Acenaphthene,P
Acenaphthene-d10,I
Dibenzofuran,P
Fluorene,P
2,4,6-Tribromophenol,S
Phenanthrene,P
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

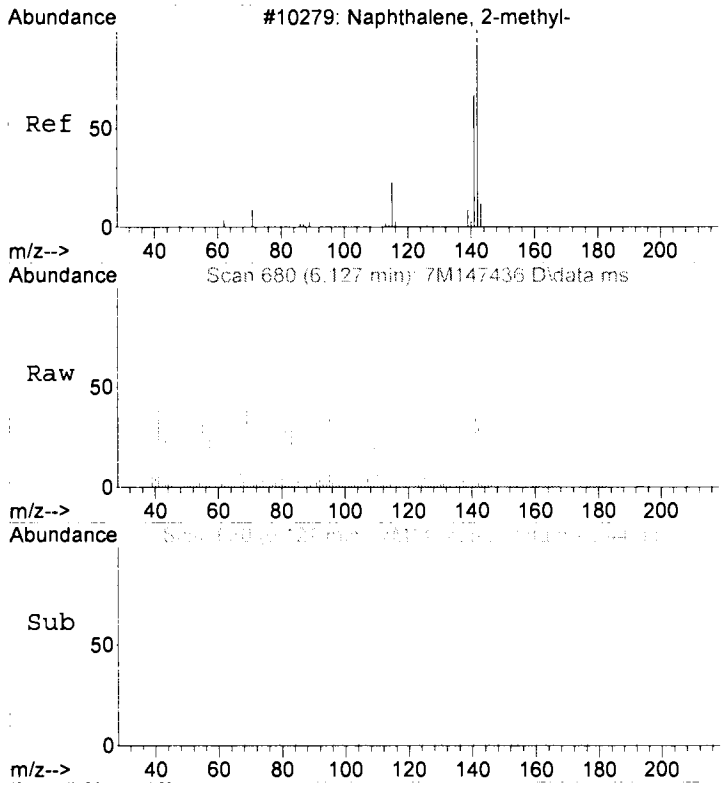


#41
Naphthalene
Concen: 4.87 ng m
RT: 5.592 min Scan# 589
Delta R.T. 0.000 min
Lab File: 7M147436.D
Acq: 2 Dec 2025 8:41

Tgt Ion:128 Resp: 34568

Ion	Ratio	Lower	Upper
128	100		
129	18.3	0.0	50.9
127	18.6	0.0	52.4

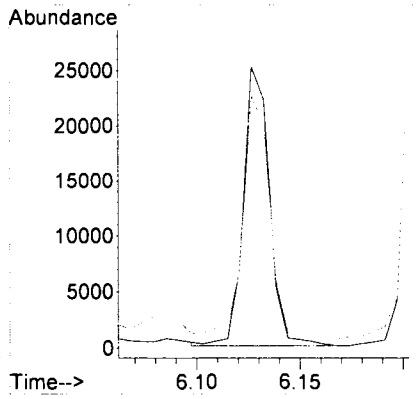


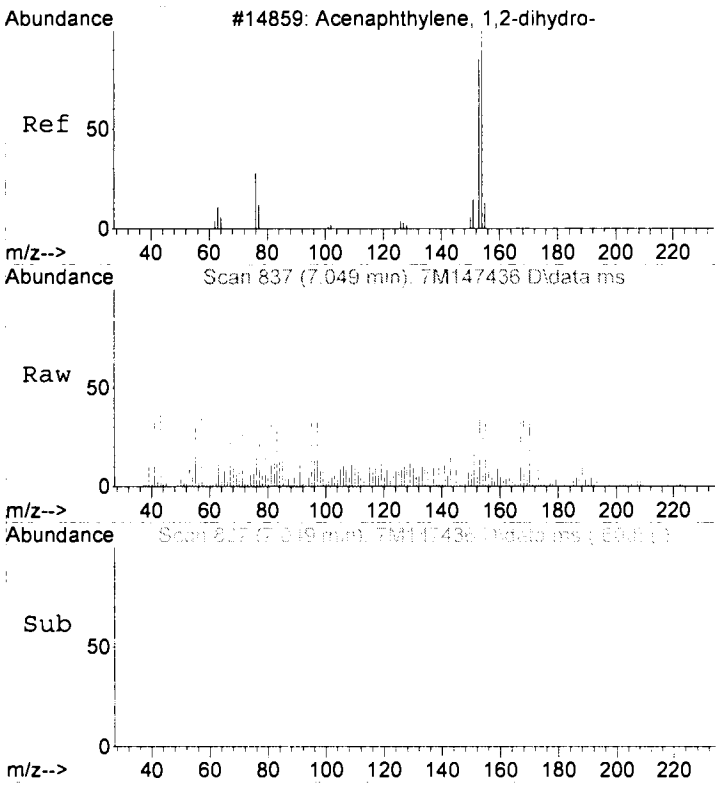


#46
2-Methylnaphthalene
Concen: 4.85 ng
RT: 6.127 min Scan# 680
Delta R.T. 0.000 min
Lab File: 7M147436.D
Acq: 2 Dec 2025 8:41

Tgt Ion:142 Resp: 21949

Ion	Ratio	Lower	Upper
142	100		
141	87.2	44.6	124.6

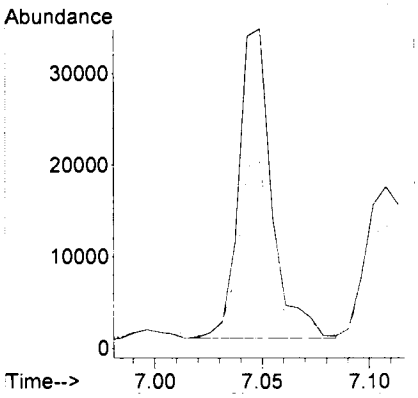


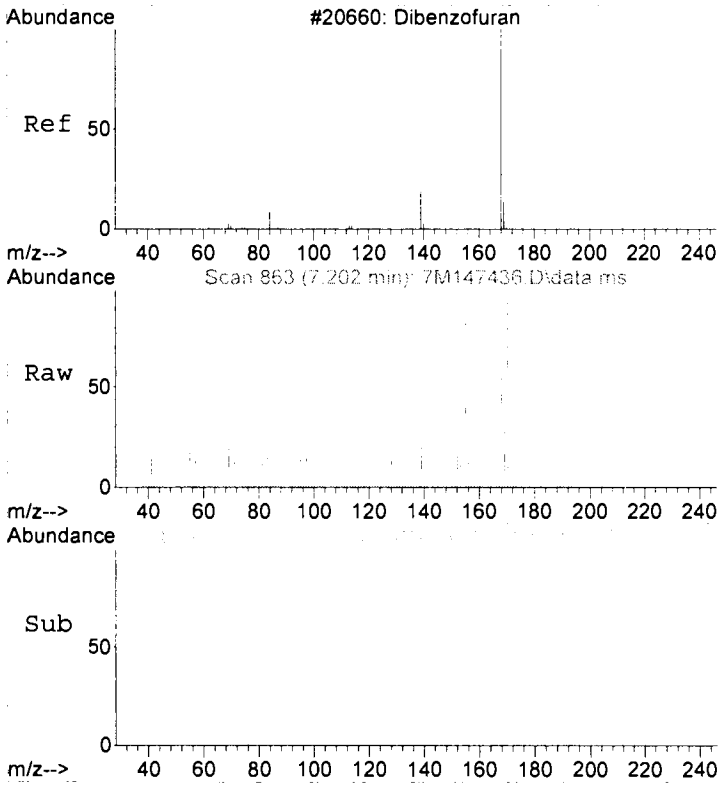


#64
Acenaphthene
Concen: 8.66 ng m
RT: 7.049 min Scan# 837
Delta R.T. 0.000 min
Lab File: 7M147436.D
Acq: 2 Dec 2025 8:41

Tgt Ion:153 Resp: 36186

Ion	Ratio	Lower	Upper
153	100		
152	58.2	10.0	90.0
154	83.4	57.5	137.5

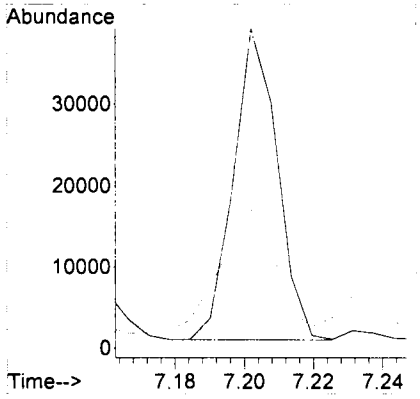


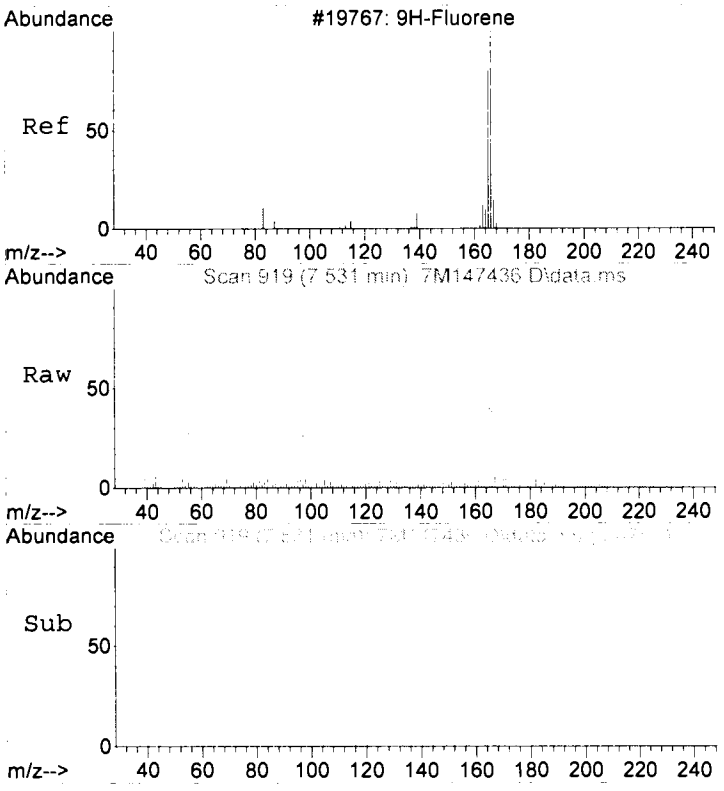


#67
Dibenzofuran
Concen: 5.54 ng m
RT: 7.202 min Scan# 863
Delta R.T. 0.000 min
Lab File: 7M147436.D
Acq: 2 Dec 2025 8:41

Tgt Ion:168 Resp: 33497

Ion	Ratio	Lower	Upper
168	100		
139	43.7	0.0	246.0

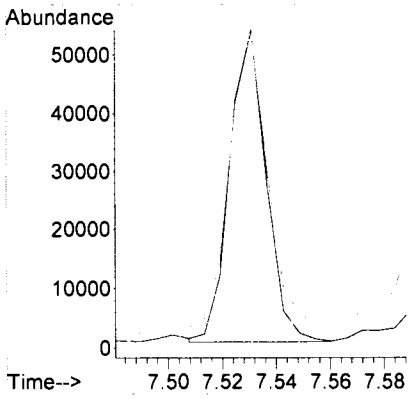


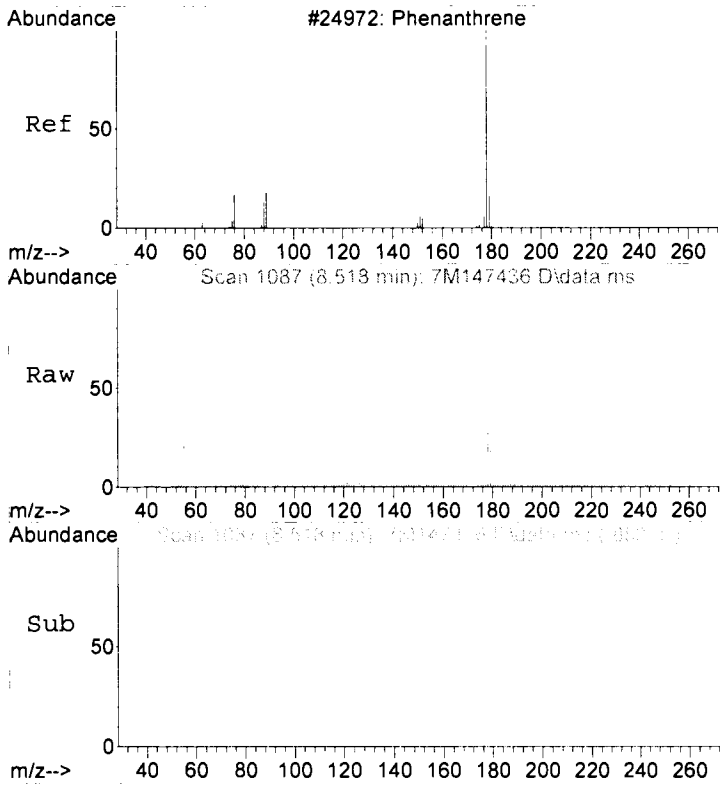


#71
Fluorene
Concen: 9.86 ng m
RT: 7.531 min Scan# 919
Delta R.T. 0.000 min
Lab File: 7M147436.D
Acq: 2 Dec 2025 8:41

Tgt Ion:166 Resp: 49476

Ion	Ratio	Lower	Upper
166	100		
165	99.2	0.0	292.6
167	21.4	0.0	213.2

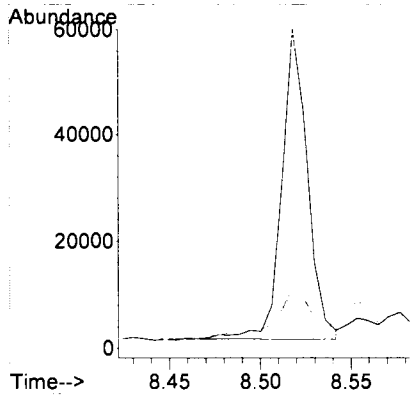




#85
Phenanthrene
Concen: 8.63 ng m
RT: 8.518 min Scan# 1087
Delta R.T. 0.000 min
Lab File: 7M147436.D
Acq: 2 Dec 2025 8:41

Tgt Ion:178 Resp: 57006

Ion	Ratio	Lower	Upper
178	100		
179	19.4	0.0	55.5
176	19.5	0.0	59.3



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-008(MS:AD56
Client Id: MW-40S-MS
Data File: 7M147437.D
Analysis Date: 12/02/25 09:03
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	100	50-32-8	Benzo[a]pyrene	1.9	110
95-94-3	1,2,4,5-Tetrachlorobenzen	1.9	110	205-99-2	Benzo[b]fluoranthene	1.9	120
123-91-1	1,4-Dioxane	0.49	48	191-24-2	Benzo[g,h,i]perylene	1.9	120
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	110	207-08-9	Benzo[k]fluoranthene	1.9	100
95-95-4	2,4,5-Trichlorophenol	1.9	110	111-91-1	bis(2-Chloroethoxy)metha	1.9	110
88-06-2	2,4,6-Trichlorophenol	1.9	110	111-44-4	bis(2-Chloroethyl)ether	0.49	84
120-83-2	2,4-Dichlorophenol	0.49	110	108-60-1	bis(2-chloroisopropyl)ethe	1.9	99
105-67-9	2,4-Dimethylphenol	1.2	110	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	130
51-28-5	2,4-Dinitrophenol	9.7	130	85-68-7	Butylbenzylphthalate	1.9	120
121-14-2	2,4-Dinitrotoluene	1.9	110	105-60-2	Caprolactam	1.9	54
606-20-2	2,6-Dinitrotoluene	1.9	110	86-74-8	Carbazole	1.9	130
91-58-7	2-Chloronaphthalene	1.9	100	218-01-9	Chrysene	1.9	120
95-57-8	2-Chlorophenol	1.9	82	53-70-3	Dibenzo[a,h]anthracene	1.9	110
91-57-6	2-Methylnaphthalene	1.9	110	132-64-9	Dibenzofuran	1.9	100
95-48-7	2-Methylphenol	0.57	87	84-66-2	Diethylphthalate	1.9	100
88-74-4	2-Nitroaniline	1.9	100	131-11-3	Dimethylphthalate	1.9	98
88-75-5	2-Nitrophenol	1.9	120	84-74-2	Di-n-butylphthalate	1.9	120
106-44-5	3&4-Methylphenol	0.53	77	117-84-0	Di-n-octylphthalate	1.9	120
91-94-1	3,3'-Dichlorobenzidine	1.9	37	206-44-0	Fluoranthene	1.9	110
99-09-2	3-Nitroaniline	1.9	92	86-73-7	Fluorene	1.9	110
534-52-1	4,6-Dinitro-2-methylpheno	9.7	140	118-74-1	Hexachlorobenzene	1.9	120
101-55-3	4-Bromophenyl-phenyleth	1.9	110	87-68-3	Hexachlorobutadiene	1.9	100
59-50-7	4-Chloro-3-methylphenol	1.9	100	77-47-4	Hexachlorocyclopentadie	6.2	110
106-47-8	4-Chloroaniline	1.9	90	67-72-1	Hexachloroethane	1.9	130
7005-72-3	4-Chlorophenyl-phenyleth	1.9	100	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	110
100-01-6	4-Nitroaniline	1.9	93	78-59-1	Isophorone	1.9	99
100-02-7	4-Nitrophenol	1.9	41	91-20-3	Naphthalene	1.9	110
83-32-9	Acenaphthene	1.9	110	98-95-3	Nitrobenzene	0.55	110
208-96-8	Acenaphthylene	1.9	98	621-64-7	N-Nitroso-di-n-propylamin	0.49	100
98-86-2	Acetophenone	1.9	110	86-30-6	n-Nitrosodiphenylamine	1.9	120
120-12-7	Anthracene	1.9	120	87-86-5	Pentachlorophenol	9.7	130
1912-24-9	Atrazine	1.9	88	85-01-8	Phenanthrene	1.9	120
100-52-7	Benzaldehyde	1.9	80	108-95-2	Phenol	1.9	42
56-55-3	Benzo[a]anthracene	1.9	120	129-00-0	Pyrene	1.9	110

Worksheet #: 818576

Total Target Concentration 7000

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

SampleID : AD56733-008(MS:AD56 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147437.D Sam Mult : 1 Vial# : 4 Qt On : 12/02/25 09:25
Acq On : 12/ 2/25 09:03 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.220	96	60408	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.582	152	101619	40.00	ng	0.00
31) Naphthalene-d8	5.575	136	352070	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	195652	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	354879	40.00	ng	0.00
90) Chrysene-d12	11.609	240	332399	40.00	ng	0.00
102) Perylene-d12	13.912	264	363787	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	179259	53.45	ng	0.00
Spiked Amount 100.000			Recovery = 53.45%			
16) Phenol-d5	4.270	99	152924	36.93	ng	0.00
Spiked Amount 100.000			Recovery = 36.93%			
32) Nitrobenzene-d5	5.022	128	78379	60.13	ng	0.00
Spiked Amount 50.000			Recovery = 120.26%			
55) 2-Fluorobiphenyl	6.421	172	340723	54.64	ng	0.00
Spiked Amount 50.000			Recovery = 109.28%			
79) 2,4,6-Tribromophenol	7.766	330	116645	124.96	ng	0.00
Spiked Amount 100.000			Recovery = 124.96%			
93) Terphenyl-d14	10.304	244	409408	56.15	ng	0.00
Spiked Amount 50.000			Recovery = 112.30%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.243	88	77024	49.0828	ng	94
9) Pyridine	2.496	79	196140	56.9171	ng	62
10) N-Nitrosodimethylamine	2.449	74	135153	66.0846	ng	65
12) Benzaldehyde	4.235	77	239816	81.9938	ng	69
13) Aniline	4.317	93	352999	73.3984	ng	59
14) Pentachloroethane	4.358	117	94207	81.5845	ng	72
15) bis(2-Chloroethyl)ether	4.364	93	270598	86.8152	ng	75
17) Phenol	4.276	94	171772	43.6599	ng	80
18) 2-Chlorophenol	4.417	128	284404	84.0402	ng	74
19) N-Decane	4.435	57	182111	67.8394	ng	97
20) 1,3-Dichlorobenzene	4.540	146	332382	84.1547	ng	98
22) 1,4-Dichlorobenzene	4.599	146	328489	98.3684	ng	97
23) 1,2-Dichlorobenzene	4.717	146	316946	99.9210	ng	97
24) Benzyl alcohol	4.687	108	166384	90.4113	ng	66
25) bis(2-chloroisopropyl)...	4.793	45	247799	102.1329	ng	99
26) 2-Methylphenol	4.770	108	225029	89.1133	ng	100
27) Acetophenone	4.899	105	478425	114.9367	ng	56
28) Hexachloroethane	4.987	117	158488	134.6615	ng	91
29) N-Nitroso-di-n-propyla...	4.893	70	186848	105.3550	ng	71
30) 3&4-Methylphenol	4.887	108	215869	79.3456	ng	84
33) Nitrobenzene	5.034	77	290918	113.5769	ng	78
34) Isophorone	5.216	82	457866	102.2032	ng	85
35) 2-Nitrophenol	5.281	139	174272	120.9411	ng	75
36) 2,4-Dimethylphenol	5.298	107	274030	112.6086	ng	89
37) Benzoic Acid	5.369	105	110242	57.8351	ng	91
38) bis(2-Chloroethoxy)met...	5.375	93	310518	110.6933	ng	97
39) 2,4-Dichlorophenol	5.463	162	264893	109.3538	ng	84
40) 1,2,4-Trichlorobenzene	5.528	180	282835	106.5099	ng	94
41) Naphthalene	5.592	128	865508	111.3337	ng	98
42) 4-Chloroaniline	5.627	127	287546m	92.8173	ng	
43) Hexachlorobutadiene	5.674	225	164869	104.5288	ng	98
44) Caprolactam	5.915	113	49362m	55.7897	ng	
45) 4-Chloro-3-methylphenol	5.992	107	226332	106.7712	ng	76
46) 2-Methylnaphthalene	6.127	142	565268	114.1916	ng	97
47) 1-Methylnaphthalene	6.209	142	686047	137.5207	ng	89
48) Methylnaphthalenes (To...	6.209	142	1252132m	251.6934	ng	
49) 1,1'-Biphenyl	6.509	154	741312	107.6160	ng	92
51) 1,2,4,5-Tetrachloroben...	6.262	216	341719	110.2271	ng	98
52) Hexachlorocyclopentadiene	6.250	237	204228	117.6031	ng	99
53) 2,4,6-Trichlorophenol	6.350	196	197318	112.0894	ng	98
54) 2,4,5-Trichlorophenol	6.385	196	199329m	108.8111	ng	
56) 2-Chloronaphthalene	6.532	162	523618	108.0982	ng	88
57) 1,4-Dimethylnaphthalene	6.814	156	552739	142.5620	ng	82
58) Dimethylnaphthalenes (...	6.814	156	552739	142.5620	ng	82
59) Diphenyl Ether	6.591	170	463865	111.0159	ng	81
60) 2-Nitroaniline	6.615	65	144204	106.6908	ng	17
61) Acenaphthylene	6.897	152	777160	101.2520	ng	99
62) Dimethylphthalate	6.756	163	568320	100.6627	ng	98
63) 2,6-Dinitrotoluene	6.814	165	135565	109.9342	ng	56
64) Acenaphthene	7.049	153	525258	110.6848	ng	96
65) 3-Nitroaniline	6.967	138	122119	94.8645	ng	69

Quantitation Report (QT Reviewed)

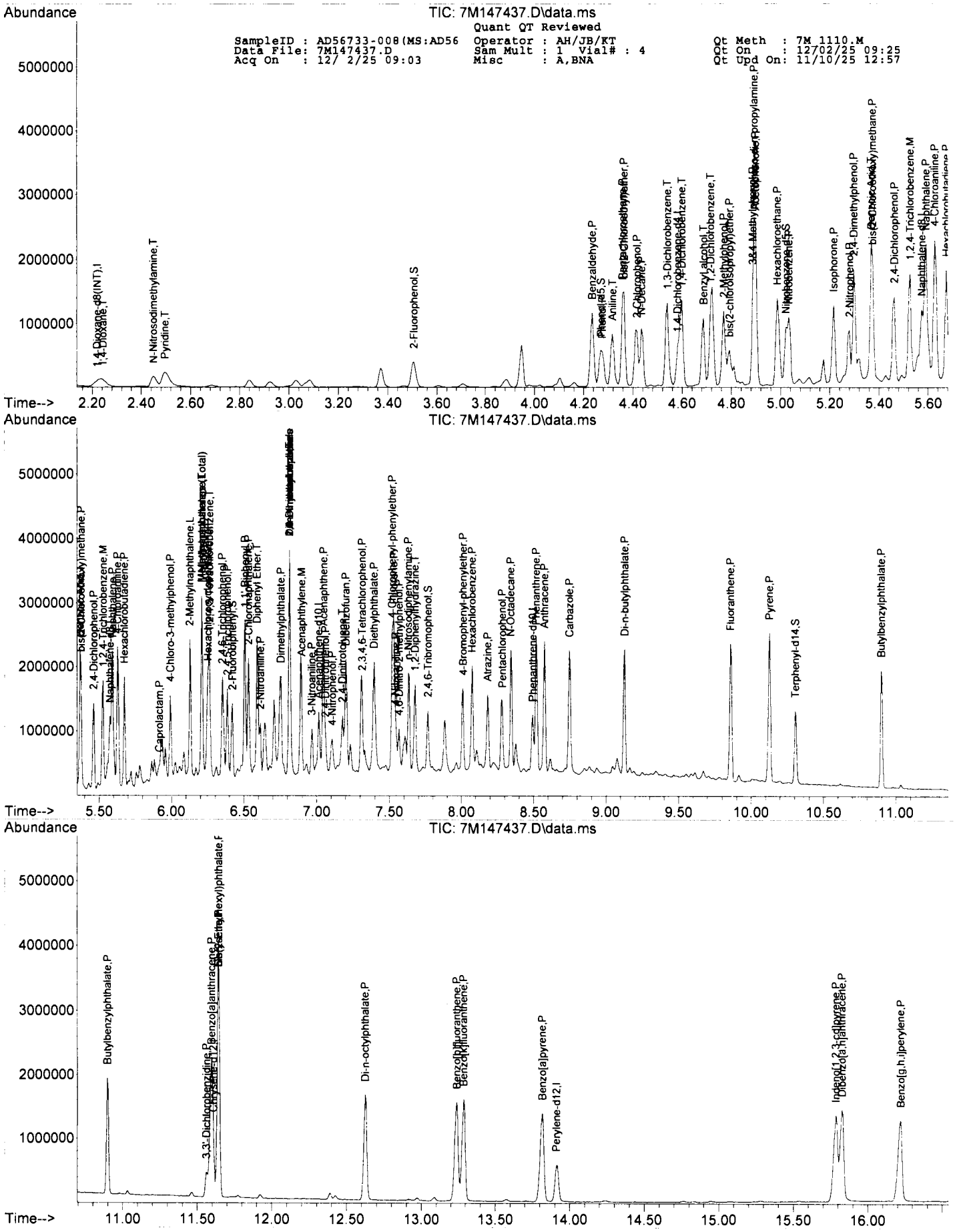
SampleID : AD56733-008(MS:AD56 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147437.D Sam Mult : 1 Vial# : 4 Qt On : 12/02/25 09:25
Acq On : 12/ 2/25 09:03 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	88592	131.9771	ng	21
67)	Dibenzofuran	7.202	168	732572	106.7872	ng	82
68)	2,4-Dinitrotoluene	7.179	165	191968	111.8897	ng	49
69)	4-Nitrophenol	7.108	65	31774	42.5068	ng	80
70)	2,3,4,6-Tetrachlorophenol	7.314	232	175980	114.6432	ng	81
71)	Fluorene	7.531	166	630715	110.6755	ng	97
72)	4-Chlorophenyl-phenyle...	7.519	204	312949	105.3768	ng	75
73)	Diethylphthalate	7.396	149	600701	106.9898	ng	94
74)	4-Nitroaniline	7.543	138	128028	95.2804	ng	67
75)	Atrazine	8.183	200	188502	90.8428	ng	96
77)	4,6-Dinitro-2-methylph...	7.566	198	120832	144.8919	ng	79
78)	n-Nitrosodiphenylamine	7.631	169	521016	118.9352	ng	98
80)	1,2-Diphenylhydrazine	7.678	77	498313	118.8537	ng	66
81)	4-Bromophenyl-phenylether	8.013	248	203541	115.1380	ng	72
82)	Hexachlorobenzene	8.078	284	226651	120.1811	ng	57
83)	N-Octadecane	8.342	57	405972	168.8102	ng	67
84)	Pentachlorophenol	8.283	266	156792	135.6904	ng	99
85)	Phenanthrene	8.518	178	932973	124.8363	ng	99
86)	Anthracene	8.577	178	922192	121.7999	ng	99
87)	Carbazole	8.747	167	907872	130.0247	ng	95
88)	Di-n-butylphthalate	9.129	149	1130030	127.6068	ng	97
89)	Fluoranthene	9.858	202	1012654	112.5895	ng	90
91)	Pyrene	10.128	202	1072956	110.4609	ng	85
96)	Butylbenzylphthalate	10.898	149	500099	124.0722	ng	69
98)	3,3'-Dichlorobenzidine	11.562	252	119165	38.0817	ng	95
99)	Benzo[a]anthracene	11.597	228	1070445	118.9065	ng	99
100)	Chrysene	11.644	228	974089	120.0376	ng	100
101)	bis(2-Ethylhexyl)phtha...	11.644	149	697178	131.7658	ng	96
103)	Di-n-octylphthalate	12.625	149	1293489	123.4185	ng	99
104)	Benzo[b]fluoranthene	13.242	252	1103151	119.0103	ng	97
105)	Benzo[k]fluoranthene	13.289	252	975961	106.4482	ng	93
106)	Benzo[a]pyrene	13.818	252	959968	108.2122	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.786	276	1015627m	114.7980	ng	
108)	Dibenzo[a,h]anthracene	15.827	278	1001311	118.0161	ng	91
109)	Benzo[g,h,i]perylene	16.221	276	984522	118.8528	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

P


Abundance
TIC: 7M147437.D\data.ms
Quant QT Reviewed
SampleID : AD56733-008(MS:AD56
Data File: 7M147437.D
Acq On : 12/ 2/25 09:03
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12702/25 09:25
Qt Upd On: 11/10/25 12:57
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-009(MSD:AD
Client Id: MW-40S-MSD
Data File: 7M147438.D
Analysis Date: 12/02/25 09:25
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	99	50-32-8	Benzo[a]pyrene	1.9	99
95-94-3	1,2,4,5-Tetrachlorobenzen	1.9	100	205-99-2	Benzo[b]fluoranthene	1.9	110
123-91-1	1,4-Dioxane	0.49	32	191-24-2	Benzo[g,h,i]perylene	1.9	110
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	71	207-08-9	Benzo[k]fluoranthene	1.9	100
95-95-4	2,4,5-Trichlorophenol	1.9	70	111-91-1	bis(2-Chloroethoxy)metha	1.9	97
88-06-2	2,4,6-Trichlorophenol	1.9	71	111-44-4	bis(2-Chloroethyl)ether	0.49	75
120-83-2	2,4-Dichlorophenol	0.49	69	108-60-1	bis(2-chloroisopropyl)ethe	1.9	90
105-67-9	2,4-Dimethylphenol	1.2	82	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	120
51-28-5	2,4-Dinitrophenol	9.7	14	85-68-7	Butylbenzylphthalate	1.9	120
121-14-2	2,4-Dinitrotoluene	1.9	110	105-60-2	Caprolactam	1.9	47
606-20-2	2,6-Dinitrotoluene	1.9	100	86-74-8	Carbazole	1.9	130
91-58-7	2-Chloronaphthalene	1.9	100	218-01-9	Chrysene	1.9	110
95-57-8	2-Chlorophenol	1.9	47	53-70-3	Dibenzo[a,h]anthracene	1.9	110
91-57-6	2-Methylnaphthalene	1.9	100	132-64-9	Dibenzofuran	1.9	100
95-48-7	2-Methylphenol	0.57	54	84-66-2	Diethylphthalate	1.9	100
88-74-4	2-Nitroaniline	1.9	95	131-11-3	Dimethylphthalate	1.9	91
88-75-5	2-Nitrophenol	1.9	78	84-74-2	Di-n-butylphthalate	1.9	120
106-44-5	3&4-Methylphenol	0.53	47	117-84-0	Di-n-octylphthalate	1.9	120
91-94-1	3,3'-Dichlorobenzidine	1.9	38	206-44-0	Fluoranthene	1.9	110
99-09-2	3-Nitroaniline	1.9	55	86-73-7	Fluorene	1.9	100
534-52-1	4,6-Dinitro-2-methylpheno	9.7	63	118-74-1	Hexachlorobenzene	1.9	110
101-55-3	4-Bromophenyl-phenyleth	1.9	110	87-68-3	Hexachlorobutadiene	1.9	92
59-50-7	4-Chloro-3-methylphenol	1.9	73	77-47-4	Hexachlorocyclopentadie	6.2	100
106-47-8	4-Chloroaniline	1.9	43	67-72-1	Hexachloroethane	1.9	120
7005-72-3	4-Chlorophenyl-phenyleth	1.9	99	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	100
100-01-6	4-Nitroaniline	1.9	69	78-59-1	Isophorone	1.9	89
100-02-7	4-Nitrophenol	1.9	19	91-20-3	Naphthalene	1.9	100
83-32-9	Acenaphthene	1.9	100	98-95-3	Nitrobenzene	0.55	98
208-96-8	Acenaphthylene	1.9	94	621-64-7	N-Nitroso-di-n-propylamin	0.49	93
98-86-2	Acetophenone	1.9	100	86-30-6	n-Nitrosodiphenylamine	1.9	110
120-12-7	Anthracene	1.9	110	87-86-5	Pentachlorophenol	9.7	74
1912-24-9	Atrazine	1.9	72	85-01-8	Phenanthrene	1.9	110
100-52-7	Benzaldehyde	1.9	80	108-95-2	Phenol	1.9	24
56-55-3	Benzo[a]anthracene	1.9	110	129-00-0	Pyrene	1.9	100

Worksheet #: 818576

Total Target Concentration 6000

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Quantitation Report (QT Reviewed)

SampleID : AD56733-009(MSD:AD5 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147438.D Sam Mult : 1 Vial# : 5 Qt On : 12/02/25 09:54
Acq On : 12/ 2/25 09:25 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

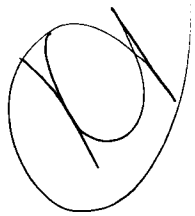
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.219	96	59024	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	99812	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	353383	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	192183	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	356787	40.00	ng	0.00
90) Chrysene-d12	11.609	240	334443	40.00	ng	0.00
102) Perylene-d12	13.912	264	360446	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	79455	24.25	ng	0.00
Spiked Amount 100.000			Recovery = 24.25%			
16) Phenol-d5	4.264	99	85276	21.08	ng	0.00
Spiked Amount 100.000			Recovery = 21.08%			
32) Nitrobenzene-d5	5.022	128	70383	53.79	ng	0.00
Spiked Amount 50.000			Recovery = 107.58%			
55) 2-Fluorobiphenyl	6.420	172	302019	49.30	ng	0.00
Spiked Amount 50.000			Recovery = 98.60%			
79) 2,4,6-Tribromophenol	7.766	330	80803	86.10	ng	0.00
Spiked Amount 100.000			Recovery = 86.10%			
93) Terphenyl-d14	10.304	244	397940	54.24	ng	0.00
Spiked Amount 50.000			Recovery = 108.48%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.243	88	51002	33.2626	ng	90
9) Pyridine	2.496	79	95910	28.4843	ng	63
10) N-Nitrosodimethylamine	2.449	74	86485	43.2794	ng	63
12) Benzaldehyde	4.235	77	234786	82.1563	ng	70
13) Aniline	4.317	93	196127	41.7365	ng	58
14) Pentachloroethane	4.358	117	82954	73.5237	ng	70
15) bis(2-Chloroethyl)ether	4.364	93	235242	77.2417	ng	73
17) Phenol	4.276	94	94917	24.6911	ng	79
18) 2-Chlorophenol	4.411	128	159814	48.3317	ng	76
19) N-Decane	4.435	57	164325	62.6492	ng	96
20) 1,3-Dichlorobenzene	4.540	146	298126	77.2514	ng	96
22) 1,4-Dichlorobenzene	4.599	146	294672	89.8392	ng	98
23) 1,2-Dichlorobenzene	4.717	146	284562	91.3357	ng	98
24) Benzyl alcohol	4.687	108	108847	60.2171	ng	66
25) bis(2-chloroisopropyl)...	4.787	45	221699	93.0298	ng	97
26) 2-Methylphenol	4.769	108	137559	55.4607	ng	98
27) Acetophenone	4.899	105	438744	107.3120	ng	54
28) Hexachloroethane	4.987	117	143172	123.8503	ng	90
29) N-Nitroso-di-n-propyla...	4.893	70	167393	96.0940	ng	72
30) 3&4-Methylphenol	4.887	108	129329	48.3972	ng	85
33) Nitrobenzene	5.034	77	260043	101.1458	ng	75
34) Isophorone	5.216	82	413113	91.8709	ng	83
35) 2-Nitrophenol	5.281	139	115460	79.8291	ng	74
36) 2,4-Dimethylphenol	5.298	107	205350	84.0720	ng	90
37) Benzoic Acid	5.298	105	40711m	21.2784	ng	
38) bis(2-Chloroethoxy)met...	5.375	93	281014	99.8035	ng	96
39) 2,4-Dichlorophenol	5.457	162	172442	70.9235	ng	86
40) 1,2,4-Trichlorobenzene	5.527	180	258812	97.1012	ng	94
41) Naphthalene	5.592	128	800683	102.6123	ng	98
42) 4-Chloroaniline	5.621	127	138415m	44.5131	ng	
43) Hexachlorobutadiene	5.674	225	150509	95.0699	ng	97
44) Caprolactam	5.898	113	42961	48.3748	ng	66
45) 4-Chloro-3-methylphenol	5.992	107	160331	75.3545	ng	76
46) 2-Methylnaphthalene	6.127	142	536082	107.8933	ng	98
47) 1-Methylnaphthalene	6.209	142	653813	130.5723	ng	88
48) Methylnaphthalenes (To...	6.209	142	1194449m	239.2064	ng	
49) 1,1'-Biphenyl	6.509	154	703324	101.7219	ng	91
51) 1,2,4,5-Tetrachloroben...	6.262	216	324227	106.4726	ng	98
52) Hexachlorocyclopentadiene	6.250	237	176901	103.7058	ng	98
53) 2,4,6-Trichlorophenol	6.350	196	127018	73.4569	ng	99
54) 2,4,5-Trichlorophenol	6.385	196	130080m	72.2907	ng	
56) 2-Chloronaphthalene	6.532	162	488568	102.6829	ng	87
57) 1,4-Dimethylnaphthalene	6.814	156	523205	137.3804	ng	82
58) Dimethylnaphthalenes (...	6.814	156	523205	137.3804	ng	82
59) Diphenyl Ether	6.591	170	434847	105.9496	ng	80
60) 2-Nitroaniline	6.608	65	129617	97.6295	ng	36
61) Acenaphthylene	6.891	152	729967	96.8202	ng	98
62) Dimethylphthalate	6.755	163	518934	93.5744	ng	98
63) 2,6-Dinitrotoluene	6.814	165	125069	103.2534	ng	54
64) Acenaphthene	7.043	153	500958	107.4697	ng	94
65) 3-Nitroaniline	6.967	138	71088	56.2194	ng	66

Quantitation Report (QT Reviewed)

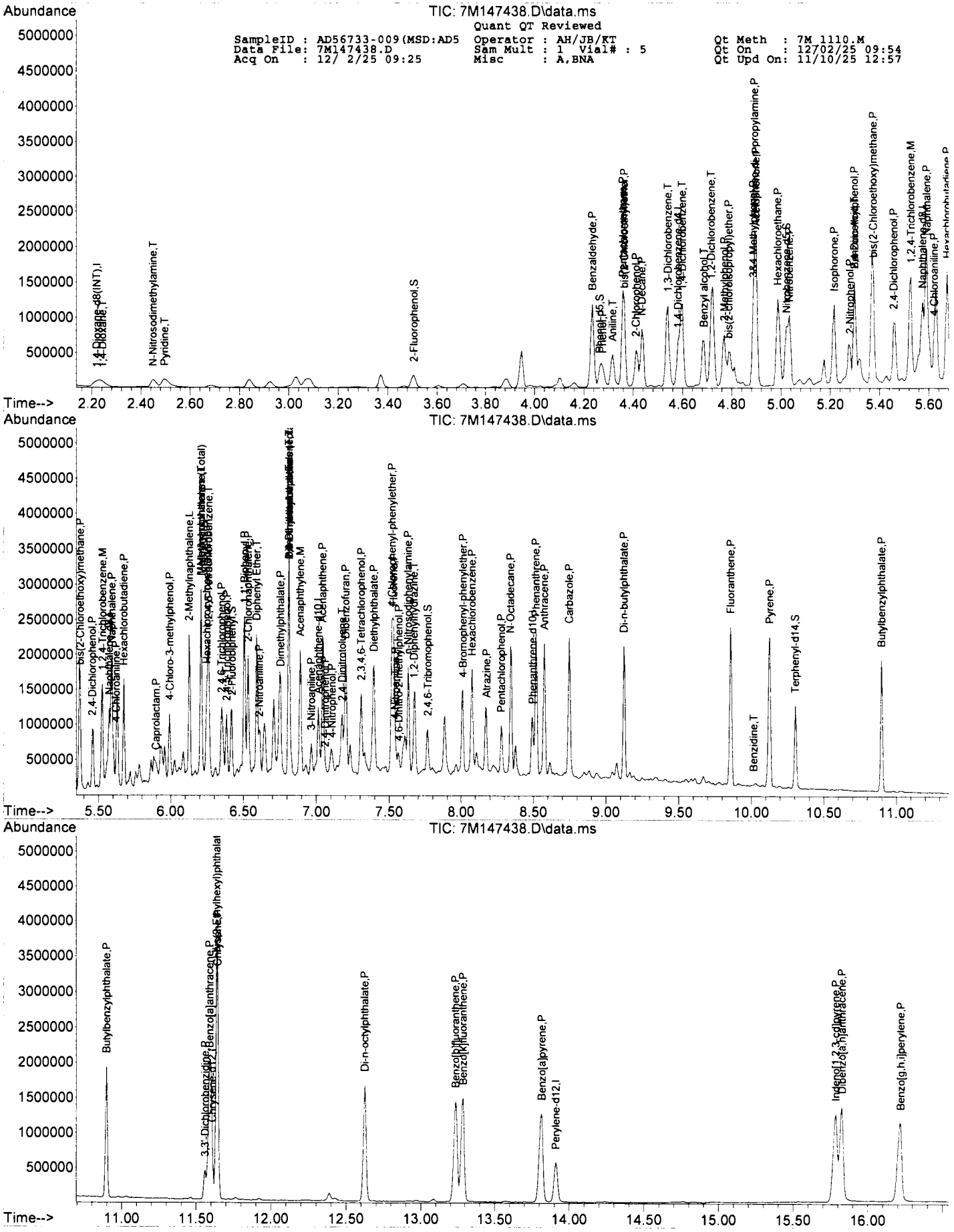
SampleID : AD56733-009(MSD:AD5 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147438.D Sam Mult : 1 Vial# : 5 Qt On : 12/02/25 09:54
Acq On : 12/ 2/25 09:25 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	8509	14.5878	ng	24
67)	Dibenzofuran	7.202	168	705089	104.6363	ng	82
68)	2,4-Dinitrotoluene	7.178	165	185259	109.9284	ng	49
69)	4-Nitrophenol	7.108	65	14548	19.8134	ng	87
70)	2,3,4,6-Tetrachlorophenol	7.308	232	110697	73.4159	ng	83
71)	Fluorene	7.531	166	596465	106.5547	ng	98
72)	4-Chlorophenyl-phenyle...	7.519	204	298311	102.2610	ng	74
73)	Diethylphthalate	7.396	149	572381	103.7859	ng	95
74)	4-Nitroaniline	7.543	138	93224	70.6310	ng	65
75)	Atrazine	8.177	200	150131	73.6570	ng	96
77)	4,6-Dinitro-2-methylph...	7.566	198	54296	64.7592	ng	86
78)	n-Nitrosodiphenylamine	7.631	169	477494	108.4173	ng	99
80)	1,2-Diphenylhydrazine	7.672	77	474225	112.5035	ng	73
81)	4-Bromophenyl-phenylether	8.013	248	193104	108.6499	ng	73
82)	Hexachlorobenzene	8.077	284	217695	114.8149	ng	56
83)	N-Octadecane	8.342	57	405330	167.6419	ng	67
84)	Pentachlorophenol	8.277	266	88483	76.1652	ng	95
85)	Phenanthrene	8.518	178	888061	118.1914	ng	99
86)	Anthracene	8.577	178	889374	116.8373	ng	99
87)	Carbazole	8.747	167	913808	130.1750	ng	94
88)	Di-n-butylphthalate	9.123	149	1085695	121.9447	ng	97
89)	Fluoranthene	9.858	202	1008725	111.5529	ng	90
91)	Pyrene	10.128	202	1044133	106.8366	ng	85
92)	Benzidine	10.016	184	6721	1.3332	ng	95
96)	Butylbenzylphthalate	10.898	149	480916	118.5838	ng	67
98)	3,3'-Dichlorobenzidine	11.562	252	123311	39.1658	ng	94
99)	Benzo[a]anthracene	11.591	228	1003961m	110.8398	ng	
100)	Chrysene	11.644	228	914834	112.0466	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.638	149	662795	124.5019	ng	97
103)	Di-n-octylphthalate	12.625	149	1230143	118.4623	ng	100
104)	Benzo[b]fluoranthene	13.236	252	1019982m	111.0578	ng	
105)	Benzo[k]fluoranthene	13.289	252	938225m	103.2808	ng	
106)	Benzo[a]pyrene	13.818	252	894317	101.7462	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.786	276	922141m	105.1973	ng	
108)	Dibenzo[a,h]anthracene	15.827	278	938280	111.6122	ng	91
109)	Benzo[g,h,i]perylene	16.221	276	916856	111.7100	ng	73



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147438.D\data.ms
Quant QT Reviewed
SampleID : AD56733-009(MSD:AD5
Data File: 7M147438.D
Acq On : 12/ 2/25 09:25
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12702/25 09:54
Qt Upd On: 11/10/25 12:57
Time-->

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-010
Client Id: DUP-01
Data File: 7M147440.D
Analysis Date: 12/02/25 10:08
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**4.7**	**132-64-9**	**Dibenzofuran**	**1.9**	**6.6**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**13**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	91-20-3	Naphthalene	1.9	U
83-32-9	**Acenaphthene**	**1.9**	**10**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**13**
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

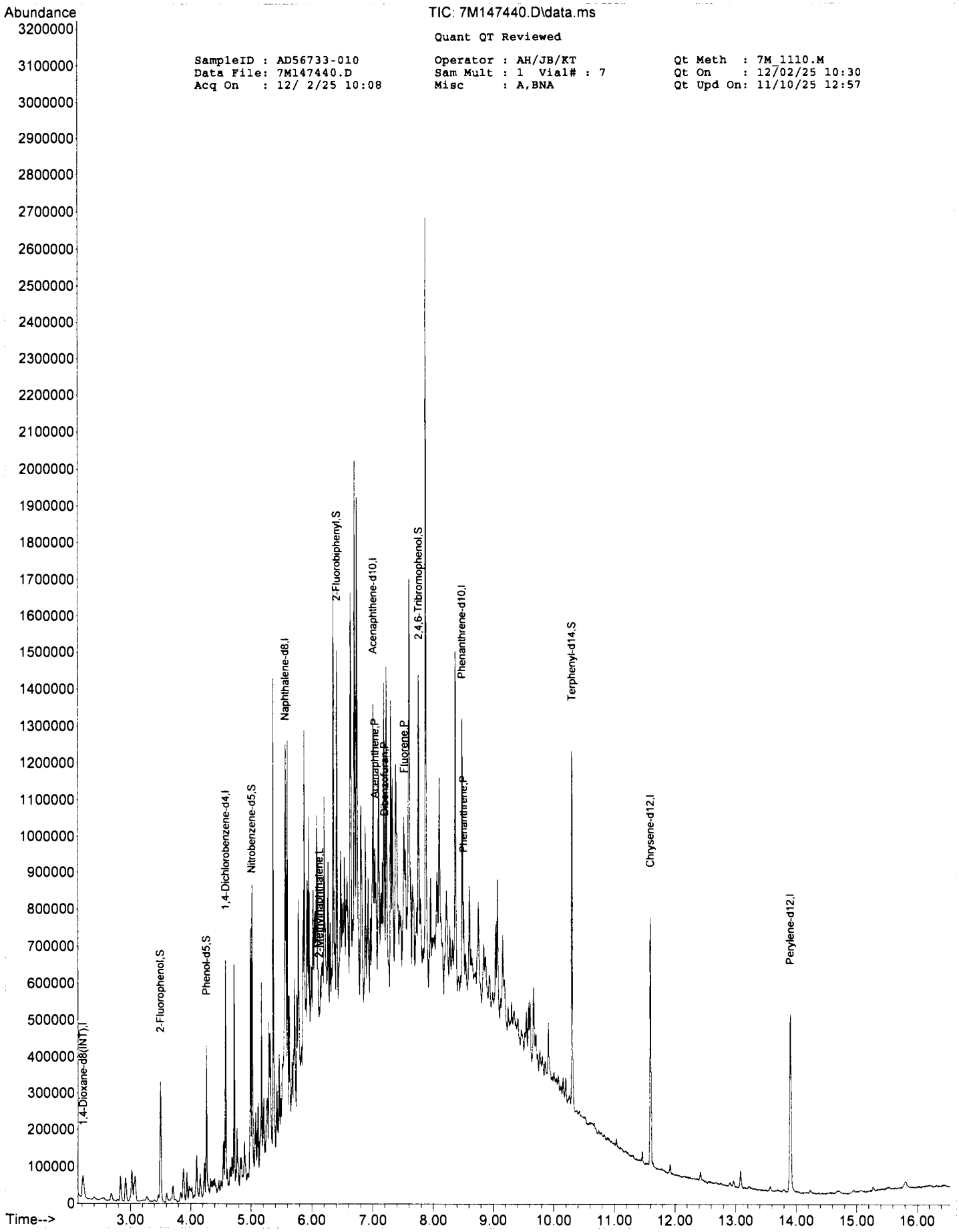
Quantitation Report (QT Reviewed)

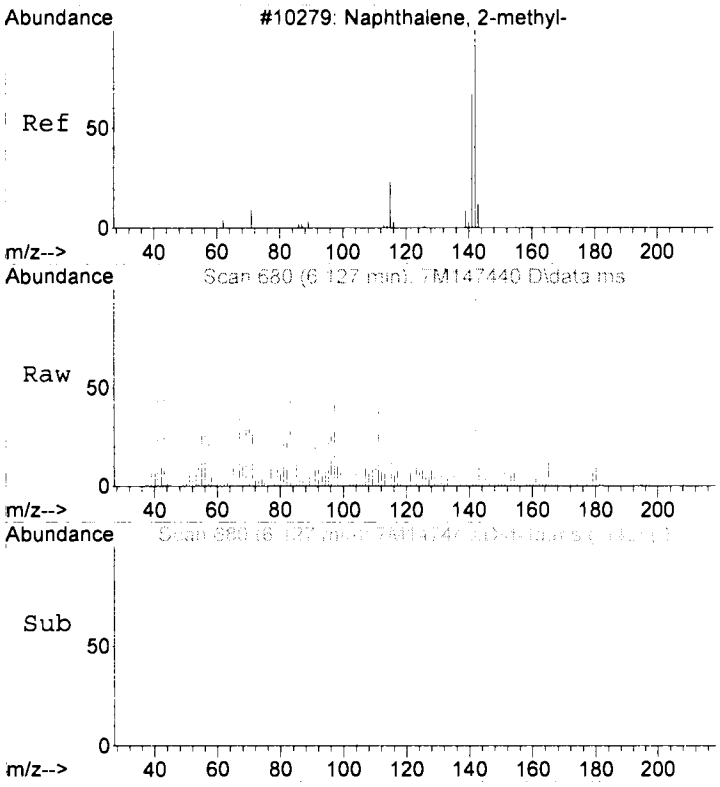
SampleID : AD56733-010 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147440.D Sam Mult : 1 Vial# : 7 Qt On : 12/02/25 10:30
Acq On : 12/ 2/25 10:08 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.220	96	52320	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.582	152	93602	40.00	ng	0.00
31) Naphthalene-d8	5.569	136	306724	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	152653	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	291730	40.00	ng	0.00
90) Chrysene-d12	11.597	240	310002	40.00	ng	-0.01
102) Perylene-d12	13.906	264	323075	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	147503	50.78	ng	0.00
Spiked Amount 100.000			Recovery = 50.78%			
16) Phenol-d5	4.264	99	133726	37.29	ng	0.00
Spiked Amount 100.000			Recovery = 37.29%			
32) Nitrobenzene-d5	5.016	128	72650	63.97	ng	0.00
Spiked Amount 50.000			Recovery = 127.94%			
55) 2-Fluorobiphenyl	6.415	172	283939	58.36	ng	0.00
Spiked Amount 50.000			Recovery = 116.72%			
79) 2,4,6-Tribromophenol	7.766	330	100400	130.84	ng	0.00
Spiked Amount 100.000			Recovery = 130.84%			
93) Terphenyl-d14	10.304	244	356726	52.46	ng	0.00
Spiked Amount 50.000			Recovery = 104.92%			
Target Compounds						Qvalue
46) 2-Methylnaphthalene	6.127	142	20743m	4.8099	ng	
64) Acenaphthene	7.043	153	39696m	10.7211	ng	
67) Dibenzofuran	7.202	168	36358m	6.7928	ng	
71) Fluorene	7.525	166	58580	13.1749	ng	92
85) Phenanthrene	8.518	178	84610m	13.7719	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed P

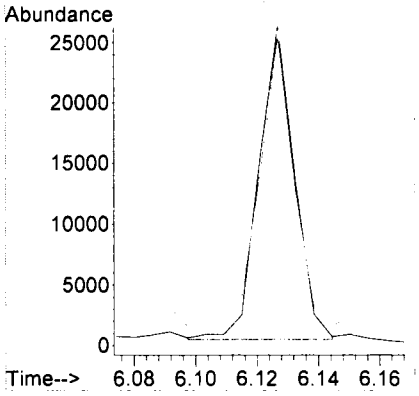

Abundance
TIC: 7M147440.D\data.ms
Quant QT Reviewed
SampleID : AD56733-010
Data File: 7M147440.D
Acq On : 12/ 2/25 10:08
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 10:30
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
Fluorene,P
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

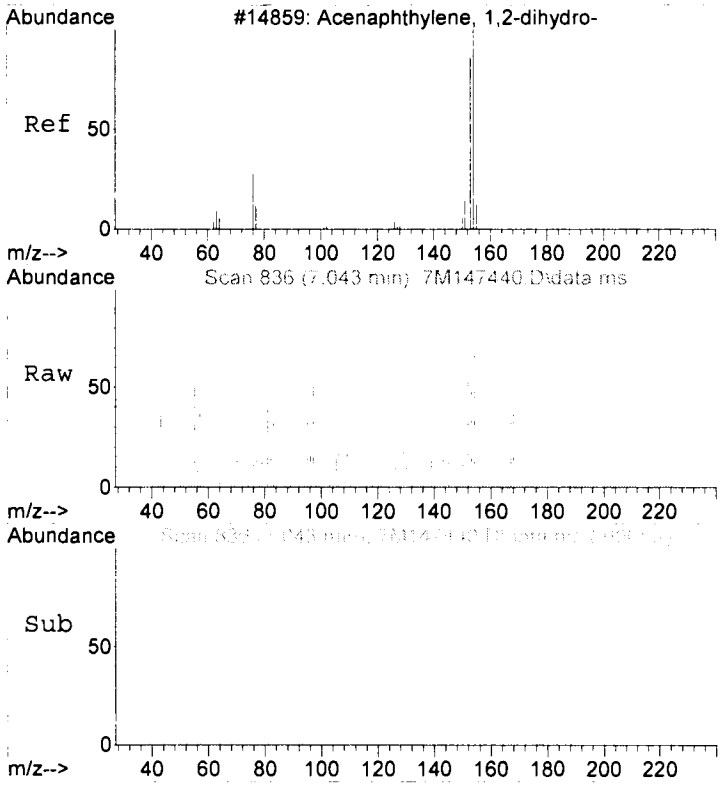


#46
2-Methylnaphthalene
Concen: 4.81 ng m
RT: 6.127 min Scan# 680
Delta R.T. 0.000 min
Lab File: 7M147440.D
Acq: 2 Dec 2025 10:08

Tgt Ion:142 Resp: 20743

Ion	Ratio	Lower	Upper
142	100		
141	96.6	44.6	124.6

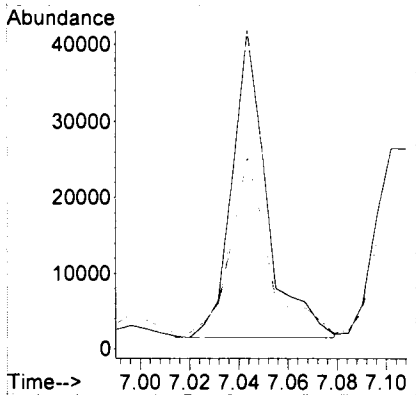


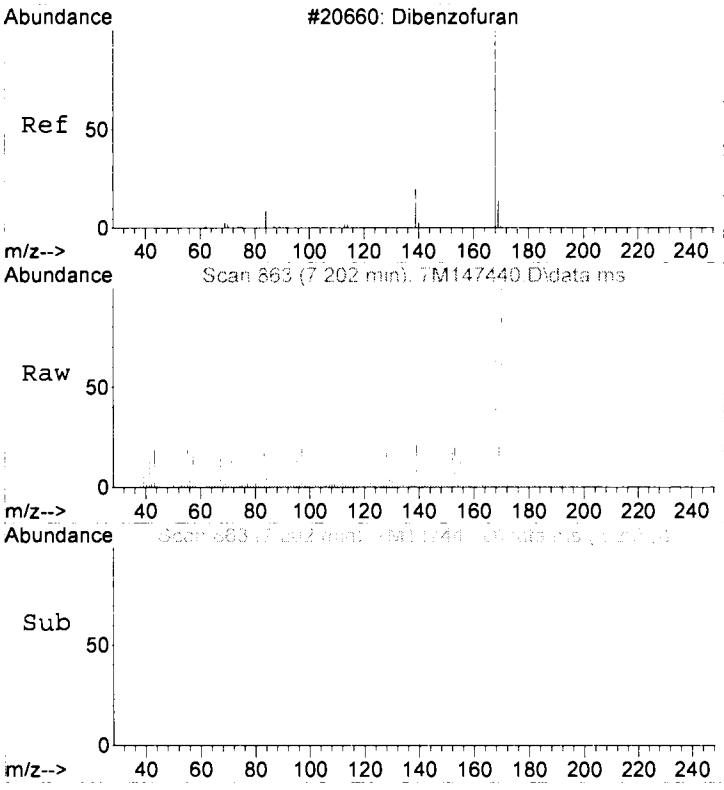


#64
Acenaphthene
Concen: 10.72 ng m
RT: 7.043 min Scan# 836
Delta R.T. -0.006 min
Lab File: 7M147440.D
Acq: 2 Dec 2025 10:08

Tgt Ion:153 Resp: 39696

Ion	Ratio	Lower	Upper
153	100		
152	60.8	10.0	90.0
154	82.7	57.5	137.5

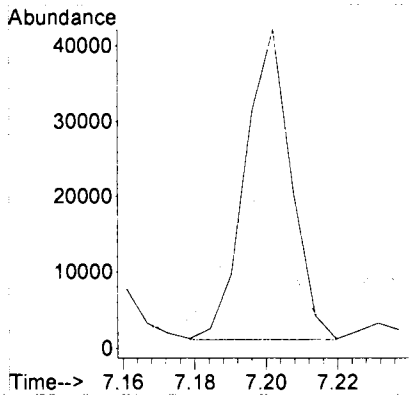


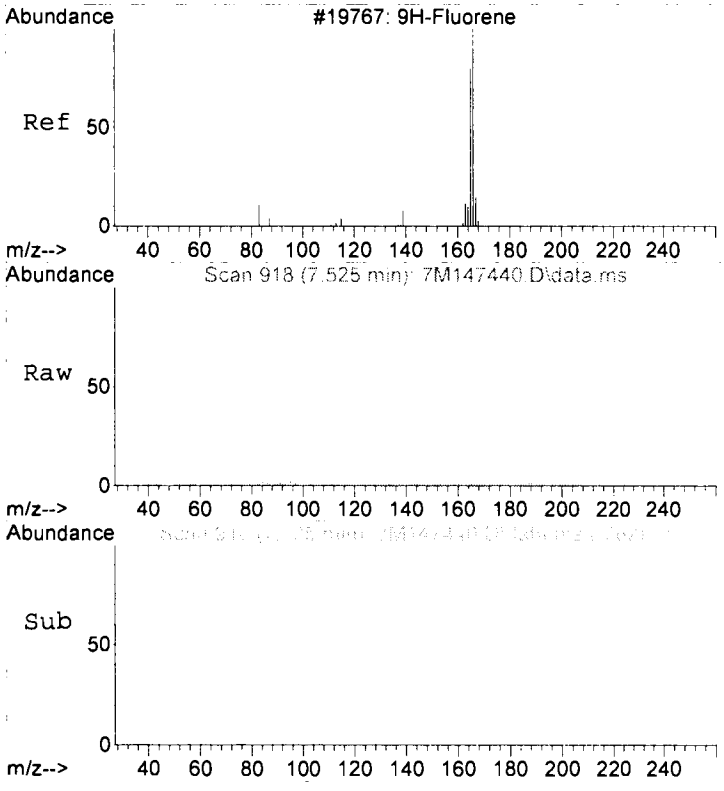


#67
Dibenzofuran
Concen: 6.79 ng m
RT: 7.202 min Scan# 863
Delta R.T. 0.000 min
Lab File: 7M147440.D
Acq: 2 Dec 2025 10:08

Tgt Ion:168 Resp: 36358

Ion	Ratio	Lower	Upper
168	100		
139	42.4	0.0	246.0

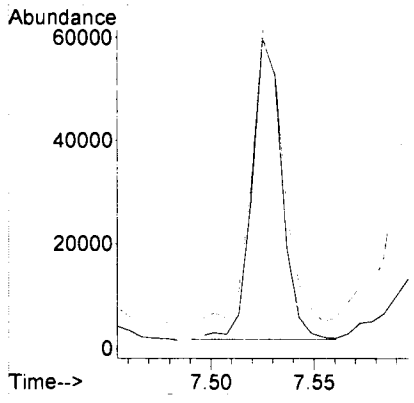


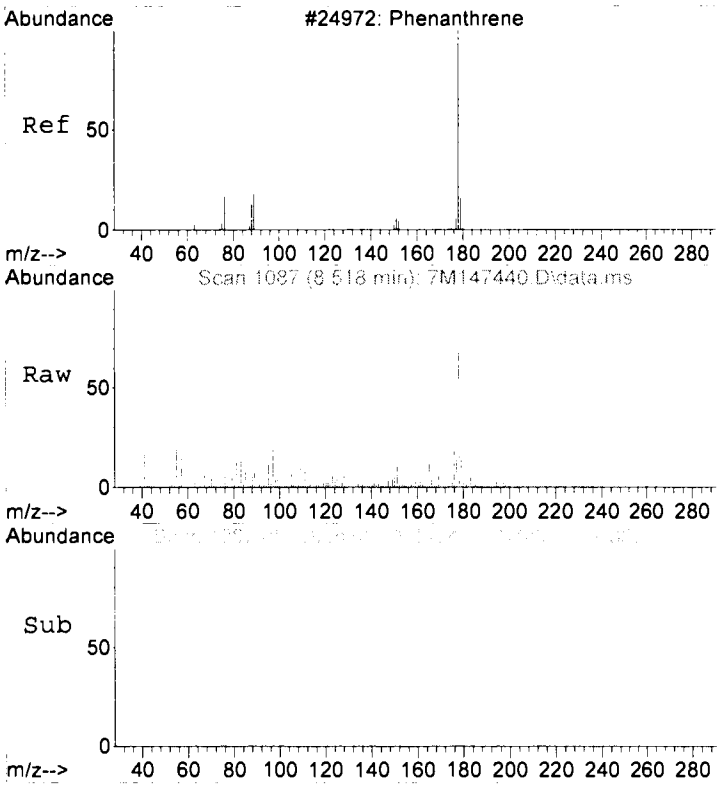


#71
Fluorene
Concen: 13.17 ng
RT: 7.525 min Scan# 918
Delta R.T. -0.006 min
Lab File: 7M147440.D
Acq: 2 Dec 2025 10:08

Tgt Ion:166 Resp: 58580

Ion	Ratio	Lower	Upper
166	100		
165	98.9	0.0	292.6
167	20.2	0.0	213.2

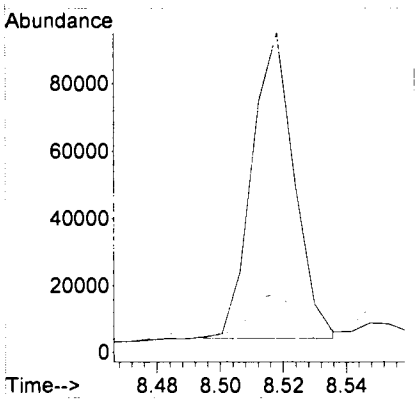




#85
Phenanthrene
Concen: 13.77 ng m
RT: 8.518 min Scan# 1087
Delta R.T. 0.000 min
Lab File: 7M147440.D
Acq: 2 Dec 2025 10:08

Tgt Ion:178 Resp: 84610

Ion	Ratio	Lower	Upper
178	100		
179	19.1	0.0	55.5
176	19.7	0.0	59.3



Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-011
Client Id: MW-39S
Data File: 7M147441.D
Analysis Date: 12/02/25 10:30
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**2.7**
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 2.7

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

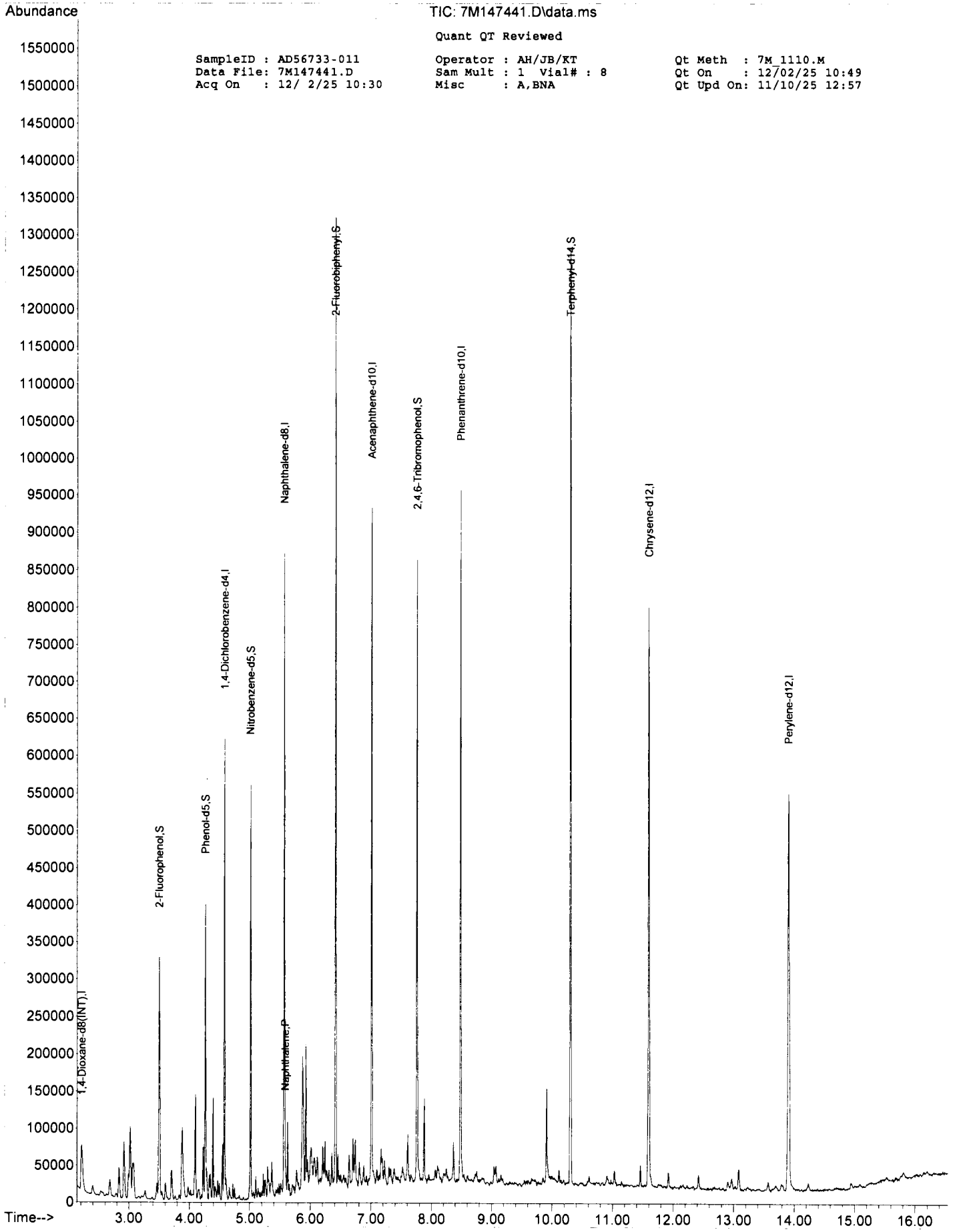
Quantitation Report (QT Reviewed)

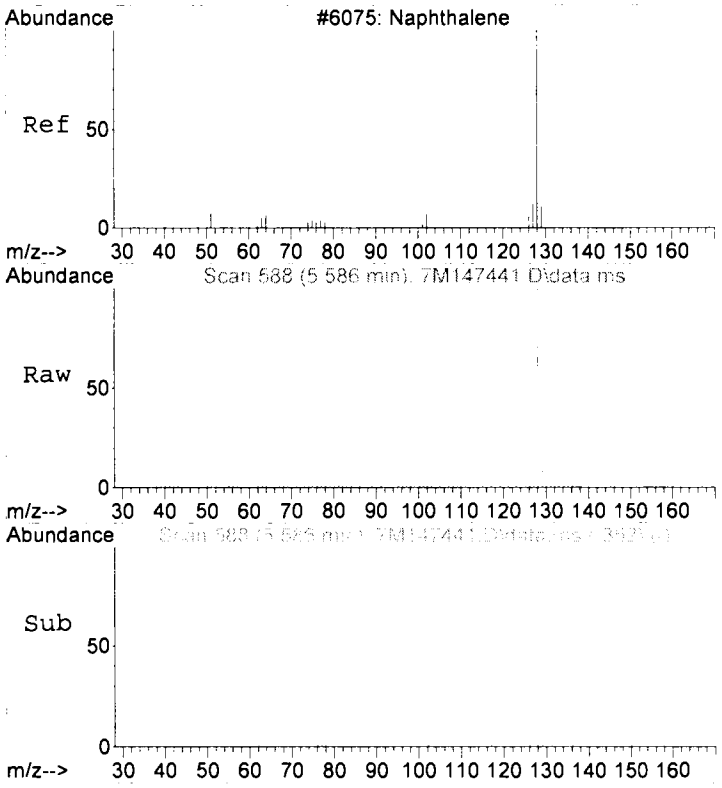
SampleID : AD56733-011 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147441.D Sam Mult : 1 Vial# : 8 Qt On : 12/02/25 10:49
Acq On : 12/ 2/25 10:30 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	51131	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	99372	40.00	ng	0.00
31) Naphthalene-d8	5.569	136	367868	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	213628	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	385852	40.00	ng	0.00
90) Chrysene-d12	11.597	240	343476	40.00	ng	-0.01
102) Perylene-d12	13.906	264	345011	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	135638	47.78	ng	0.00
Spiked Amount 100.000			Recovery = 47.78%			
16) Phenol-d5	4.264	99	123891	35.35	ng	0.00
Spiked Amount 100.000			Recovery = 35.35%			
32) Nitrobenzene-d5	5.016	128	79625	58.46	ng	0.00
Spiked Amount 50.000			Recovery = 116.92%			
55) 2-Fluorobiphenyl	6.415	172	371903	54.62	ng	0.00
Spiked Amount 50.000			Recovery = 109.24%			
79) 2,4,6-Tribromophenol	7.760	330	112127	110.48	ng	0.00
Spiked Amount 100.000			Recovery = 110.48%			
93) Terphenyl-d14	10.304	244	442016	58.67	ng	0.00
Spiked Amount 50.000			Recovery = 117.34%			
Target Compounds						Qvalue
41) Naphthalene	5.586	128	22670	2.7909	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed P

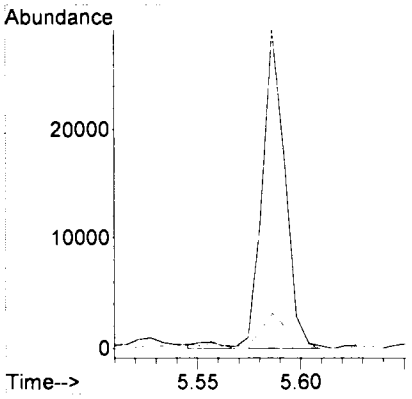

Abundance
TIC: 7M147441.D\data.ms
Quant QT Reviewed
SampleID : AD56733-011
Data File: 7M147441.D
Acq On : 12/ 2/25 10:30
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 10:49
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
Naphthalene,P
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->



#41
Naphthalene
Concen: 2.79 ng
RT: 5.586 min Scan# 588
Delta R.T. -0.006 min
Lab File: 7M147441.D
Acq: 2 Dec 2025 10:30

Tgt Ion:128 Resp: 22670

Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	50.9
127	13.9	0.0	52.4



GC/MS Base Neutral/Acid Extractable Data
Standards Data

5112647 0299

Method: EPA 8270E

Form 6
Initial Calibration

Instrument: GCMS_14

Level #	Data File:	Cal Identifier:	Analysis Date/Time	Level #	Data File:	Cal Identifier:	Analysis Date/Time
1	14M002968.D	CAL BNA 50PPM	09/29/25 13:30	2	14M002958.D	CAL BNA 2PPM	09/29/25 09:45
3	14M002957.D	CAL BNA 10PPM	09/29/25 09:24	4	14M002967.D	CAL BNA 20PPM	09/29/25 12:59
5	14M002962.D	CAL BNA 80PPM	09/29/25 11:09	6	14M002961.D	CAL BNA 120PPM	09/29/25 10:48
7	14M002959.D	CAL BNA 160PPM	09/29/25 10:06	8	14M002960.D	CAL BNA 196PPM	09/29/25 10:27
9	14M002965.D	CAL BNA 0.5PPM	09/29/25 12:12				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
1,4-Dioxane	1	0	Avg	0.8805	0.8386	1.0153	0.9017	0.9253	0.9176	0.8783	0.9140	1.0409	0.924	2.21	0.999	0.999	7.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Pyridine	1	0	Avg	2.5125	2.5009	2.1982	2.6442	2.7414	2.7747	2.4966	2.6954	-----	2.57	2.46	0.996	0.996	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	1.4262	1.4795	1.2687	1.5092	1.5665	1.5619	1.4290	1.5361	-----	1.47	2.42	0.997	0.997	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.2500	1.2439	1.0969	1.3282	1.3085	1.3037	1.2428	1.3106	-----	1.26	3.47	0.996	0.997	5.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Avg	1.2274	1.2477	1.1319	1.2487	1.3203	1.2890	1.1659	1.2338	-----	1.23	4.20	0.998	0.998	4.9	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	2.2713	1.9809	2.0092	2.3140	2.3634	2.3432	2.0715	2.2411	1.9975	2.18	4.28	0.996	0.996	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Pentachloroethane	1	0	Avg	0.5062	0.4679	0.4684	0.5198	0.5253	0.5245	0.4860	0.5495	-----	0.506	4.32	0.994	0.995	5.8	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.4539	1.4497	1.3492	1.5092	1.5432	1.5460	1.3513	1.5749	1.4320	1.47	4.32	0.991	0.992	5.6	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Phenol-d5	1	0	Avg	1.7096	1.6477	1.4915	1.7192	1.8023	1.8335	1.6861	1.8637	-----	1.72	4.23	0.996	0.996	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.8804	1.6995	1.6243	1.9329	1.8562	2.0328	1.8521	2.0786	-----	1.87	4.23	0.994	0.995	8.2	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.3069	1.1885	1.1488	1.3258	1.3415	1.3439	1.2683	1.3881	-----	1.29	4.38	0.998	0.999	6.4	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.5875	1.7038	1.4625	1.6315	1.8858	1.8777	1.6041	1.9350	-----	1.71	4.41	0.985	0.986	10	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	1.5193	1.4131	1.3282	1.6075	1.5214	1.5346	1.4178	1.5571	-----	1.49	4.50	0.996	0.996	6.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.3545	1.4138	1.2227	1.4102	1.3790	1.3647	1.3259	1.4281	-----	1.36	4.56	0.998	0.998	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.2679	1.3214	1.1387	1.3439	1.3089	1.2907	1.2566	1.3815	-----	1.29	4.68	0.996	0.998	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.8231	0.7209	0.6997	0.8470	0.8672	0.8612	0.8355	0.9243	-----	0.822	4.65	0.998	0.998	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	1.5835	1.7861	1.4505	1.6433	1.9227	1.9196	1.6883	2.0882	-----	1.76	4.76	0.983	0.986	12	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.1144	1.0443	0.9679	1.1551	1.1624	1.1684	1.1284	1.2815	1.0895	1.12	4.73	0.994	0.997	7.8	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Acetophenone	1	0	Avg	1.7667	1.7420	1.6414	1.8629	1.9149	1.9075	1.9270	2.1189	-----	1.86	4.86	0.995	0.998	7.8	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.5756	0.6742	0.4950	0.5925	0.5958	0.5972	0.5800	0.6472	-----	0.595	4.95	0.995	0.997	8.9	0.30	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.9308	0.9104	0.8369	0.9244	1.0342	1.0578	1.0628	1.1776	0.7605	0.966	4.86	0.994	0.999	13	0.50	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
3&4-Methylphenol	1	0	Avg	1.1943	1.0904	0.9807	1.1964	1.2577	1.2417	1.2363	1.3816	1.1020	1.19	4.85	0.996	0.999	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Nitrobenzene-d5	1	0	Avg	0.1550	0.1298	0.1300	0.1620	0.1580	0.1547	0.1553	0.1631	-----	0.151	4.98	0.999	0.999	8.9		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3714	0.3612	0.3223	0.3776	0.4038	0.4064	0.3875	0.4212	0.3497	0.378	5.00	0.997	0.998	8.2	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Isophorone	1	0	Avg	0.6789	0.6360	0.5741	0.6856	0.7365	0.7314	0.7199	0.7747	-----	0.692	5.18	0.998	0.999	9.2	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1636	0.1442	0.1380	0.1703	0.1740	0.1761	0.1835	0.1895	-----	0.167	5.24	0.998	1.00	11	0.10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.3389	0.3093	0.2873	0.3378	0.3593	0.3622	0.3644	0.3883	0.2954	0.338	5.26	0.998	0.999	10	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Benzoic Acid	1	0	Qua	0.2398	-----	0.1365	0.2019	0.2785	0.2986	0.2923	0.3364	-----	0.255	5.31	0.991	0.996	27		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)me	1	0	Avg	0.4238	0.4020	0.3743	0.4413	0.4526	0.4527	0.4474	0.4811	-----	0.434	5.33	0.997	0.999	7.7	0.30	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.2733	0.2227	0.2268	0.2774	0.2802	0.2789	0.2791	0.2980	0.1728	0.257	5.42	0.998	0.999	16	0.20 a	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
1,2,4-Trichlorobenzen	1	0	Avg	0.3053	0.3004	0.2703	0.3330	0.3162	0.3080	0.3082	0.3306	-----	0.309	5.48	0.997	0.999	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	0.9637	1.0022	0.8643	1.0062	0.9858	0.9775	0.9633	1.0143	-----	0.972	5.55	0.999	0.999	4.9	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3849	0.3391	0.3270	0.3971	0.3837	0.3765	0.3616	0.3583	-----	0.366	5.58	0.999	1.00	6.6	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1987	0.2013	0.1695	0.2020	0.2048	0.1979	0.1979	0.2104	-----	0.198	5.63	0.998	0.999	6.2	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1059	0.0733	0.0766	0.1034	0.1105	0.1113	0.1118	0.1184	-----	0.101	5.85	0.998	0.999	17	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphe	1	0	Avg	0.2831	0.2261	0.2260	0.2920	0.3066	0.3056	0.3009	0.3287	-----	0.284	5.95	0.996	0.998	13	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.5839	0.5810	0.5129	0.6149	0.5905	0.5941	0.5977	0.6294	-----	0.588	6.09	0.998	0.999	5.8	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1-Methylnaphthalene	1	0	Avg	0.5912	0.5934	0.5195	0.6319	0.6190	0.6138	0.6192	0.6524	-----	0.605	6.16	0.998	0.999	6.6	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.5873	0.5872	0.5161	0.6213	0.6040	0.6031	0.6084	0.6409	-----	0.596	6.16	0.998	0.999	6.2		100.0	4.00	20.00	40.00	160.0	240.0	320.0	392.0	
1,1'-Biphenyl	1	0	Avg	0.7923	0.7932	0.6979	0.8213	0.8025	0.7874	0.7996	0.8291	-----	0.790	6.46	0.999	1.00	5.1	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.5639	0.6089	0.4770	0.5831	0.5732	0.5726	0.5606	0.5853	-----	0.566	6.22	0.999	0.999	6.9	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the min rf criteria

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.487

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

5112647 0300

Form 6
Initial Calibration

Method: EPA 8270E

Instrument: GCMS_14

Level #	Data File	Cal Identifier	Analysis Date/Time	Level #	Data File	Cal Identifier	Analysis Date/Time
1	14M002968.D	CAL BNA 50PPM	09/29/25 13:30	2	14M002958.D	CAL BNA 2PPM	09/29/25 09:45
3	14M002957.D	CAL BNA 10PPM	09/29/25 09:24	4	14M002967.D	CAL BNA 20PPM	09/29/25 12:59
5	14M002962.D	CAL BNA 80PPM	09/29/25 11:09	6	14M002961.D	CAL BNA 120PPM	09/29/25 10:48
7	14M002959.D	CAL BNA 160PPM	09/29/25 10:06	8	14M002960.D	CAL BNA 196PPM	09/29/25 10:27
9	14M002965.D	CAL BNA 0.5PPM	09/29/25 12:12				

Compound	Col	Mr	Fit	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Hexachlorocyclopenta	1	0	Avg	0.3840	0.3244	0.3015	0.3705	0.3956	0.4137	0.4039	0.4332	-----	0.378	6.21	0.998	0.999	12	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3477	0.3372	0.2817	0.3647	0.3670	0.3543	0.3431	0.3622	-----	0.345	6.31	0.998	0.999	8.0	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3744	0.3300	0.3125	0.3710	0.3668	0.3744	0.3626	0.3542	-----	0.356	6.34	0.999	1.00	6.4	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.2315	1.3181	1.1004	1.2634	1.1936	1.1947	1.1661	1.2017	-----	1.21	6.37	0.999	1.00	5.4		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.0168	1.0091	0.9044	1.0419	1.0244	1.0147	0.9814	1.0187	-----	1.00	6.49	0.999	0.999	4.3	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dimethylnaphthale	1	0	Avg	0.8024	0.7982	0.6997	0.8181	0.7967	0.7951	0.7992	0.8190	-----	0.791	6.77	1.00	1.00	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.8024	0.7982	0.6997	0.8181	0.7967	0.7951	0.7992	0.8190	-----	0.791	6.77	1.00	1.00	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.7488	0.7770	0.6552	0.7730	0.7478	0.7515	0.7394	0.7617	-----	0.744	6.55	1.00	1.00	5.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.4190	0.3510	0.3356	0.4057	0.4766	0.4782	0.4782	0.4994	-----	0.431	6.56	0.999	0.999	15	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.6750	1.6052	1.4197	1.6952	1.6932	1.6780	1.6680	1.6972	-----	1.64	6.85	1.00	1.00	5.7	0.90	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.1815	1.1288	1.0097	1.2017	1.1592	1.1712	1.1329	1.1951	-----	1.15	6.71	0.999	0.999	5.4	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,6-Dinitrotoluene	1	0	Avg	0.2727	0.2072	0.2054	0.2567	0.2676	0.2743	0.2691	0.2815	-----	0.254	6.77	0.999	0.999	12	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.0235	1.1242	0.9401	1.0471	1.0280	1.0347	1.0410	1.0525	-----	1.04	7.00	1.00	1.00	4.8	0.90	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.2903	0.2445	0.2189	0.2856	0.2878	0.2893	0.2770	0.2744	-----	0.271	6.92	0.999	1.00	9.5	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrophenol	1	0	Qua	0.1501	-----	0.0953	0.1355	0.1680	0.1754	0.1754	0.1858	-----	0.155	7.02	0.998	1.00	20	0.20 a	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.4966	1.6362	1.3290	1.5112	1.4884	1.4771	1.4582	1.5060	-----	1.49	7.16	1.00	1.00	5.6	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrotoluene	1	0	Avg	0.3660	0.2638	0.2866	0.3464	0.3711	0.3788	0.3680	0.3795	-----	0.345	7.13	1.00	1.00	13	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Qua	0.2599	0.1612	0.2080	0.2076	0.2896	0.2954	0.2907	0.3068	-----	0.252	7.05	0.998	0.999	21	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,3,4,6-Tetrachlorophe	1	0	Avg	0.3322	0.2877	0.2623	0.3184	0.3146	0.3235	0.3207	0.3442	-----	0.313	7.26	0.998	0.999	8.3	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.2016	1.1871	1.0531	1.2362	1.2099	1.2000	1.2094	1.2487	-----	1.19	7.49	0.999	1.00	5.0	0.90	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.5985	0.6368	0.5023	0.6102	0.5983	0.6054	0.5946	0.6227	-----	0.596	7.47	0.999	0.999	6.8	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.1584	1.0865	0.9788	1.1783	1.1638	1.1797	1.1478	1.1974	-----	1.14	7.35	0.999	0.999	6.3	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3182	0.1838	0.2344	0.3045	0.3223	0.3188	0.3258	0.3306	-----	0.292	7.50	1.00	1.00	18	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.3627	0.3285	0.2905	0.3639	0.3572	0.3707	0.3727	0.3889	-----	0.354	8.13	0.999	1.00	8.7	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,6-Dinitro-2-methylph	1	0	Avg	0.1094	-----	0.0755	0.0986	0.1212	0.1241	0.1292	0.1305	-----	0.113	7.52	0.999	1.00	18	0.01	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamin	1	0	Avg	0.5366	0.5069	0.4681	0.5409	0.5414	0.5470	0.5728	0.5655	-----	0.535	7.59	0.999	1.00	6.3	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Tribromophenol	1	0	Avg	0.1101	0.0861	0.0839	0.0979	0.1206	0.1233	0.1285	0.1316	-----	0.110	7.72	0.998	1.00	17		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Diphenylhydrazine	1	0	Avg	0.8126	0.7371	0.6761	0.8012	0.8601	0.8635	0.9146	0.8953	-----	0.820	7.63	0.999	0.999	9.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.1806	0.2054	0.1639	0.1811	0.1915	0.1958	0.2029	0.2052	-----	0.191	7.97	0.999	1.00	7.7	0.10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2168	0.2220	0.1913	0.2136	0.2190	0.2185	0.2280	0.2282	-----	0.217	8.04	0.997	0.999	5.4	0.10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.4403	0.3632	0.3561	0.4195	0.4978	0.5089	0.5372	0.5367	-----	0.457	8.31	0.998	0.999	16	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Avg	0.1314	-----	0.0983	0.1232	0.1408	0.1465	0.1515	0.1605	-----	0.136	8.24	0.997	1.00	15	0.05	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	0.9319	1.0113	0.8340	0.9431	0.9219	0.9336	0.9571	0.9534	-----	0.936	8.48	1.00	1.00	5.3	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	0.9478	0.8742	0.8115	0.9366	0.9384	0.9577	1.0078	0.9967	-----	0.934	8.54	0.999	1.00	6.9	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	0.8700	0.7928	0.7311	0.8656	0.8846	0.8851	0.9260	0.9122	-----	0.858	8.70	0.999	1.00	7.6	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.0043	0.8130	0.7849	0.9647	1.0303	1.0584	1.0954	1.1148	-----	0.983	9.09	0.999	1.00	13	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.0171	0.9184	0.8393	1.0015	1.0002	1.0203	1.0603	1.0744	-----	0.991	9.82	0.999	1.00	7.8	0.60	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.1146	1.0564	0.9851	1.1271	1.1129	1.1004	1.0673	1.1326	-----	1.09	10.09	0.999	0.999	4.5	0.60	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Avg	0.5787	0.3588	0.4248	0.5343	0.5736	0.5703	0.5234	0.5202	-----	0.511	9.98	0.996	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	0.7874	0.8230	0.7061	0.8066	0.7952	0.8058	0.7570	0.8352	-----	0.790	10.27	0.996	0.997	5.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4,4'-DDE	1	0	Avg	0.2206	0.2059	0.1993	0.2169	0.2327	0.2385	0.2324	0.2462	-----	0.224	10.21	0.998	0.999	7.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the min rf criteria

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 8.487

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8270E

Instrument: GCMS_14

Level #	Data File:	Cal Identifier:	Analysis Date/Time	Level #	Data File:	Cal Identifier:	Analysis Date/Time
1	14M002968.D	CAL BNA 50PPM	09/29/25 13:30	2	14M002958.D	CAL BNA 2PPM	09/29/25 09:45
3	14M002957.D	CAL BNA 10PPM	09/29/25 09:24	4	14M002967.D	CAL BNA 20PPM	09/29/25 12:59
5	14M002962.D	CAL BNA 80PPM	09/29/25 11:09	6	14M002961.D	CAL BNA 120PPM	09/29/25 10:48
7	14M002959.D	CAL BNA 160PPM	09/29/25 10:06	8	14M002960.D	CAL BNA 196PPM	09/29/25 10:27
9	14M002965.D	CAL BNA 0.5PPM	09/29/25 12:12				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
4,4'-DDD	1	0	Avg	0.4284	0.3699	0.3596	0.4150	0.4367	0.4417	0.4256	0.4600	-----	0.417	10.61	0.999	0.999	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Butylbenzylphthalate	1	0	Avg	0.4653	0.3424	0.3487	0.4366	0.4702	0.4742	0.4640	0.4979	-----	0.437	10.87	0.998	0.999	14	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.3669	0.2829	0.3028	0.3492	0.3823	0.3896	0.3920	0.4140	-----	0.360	10.98	0.998	1.00	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.3637	0.2839	0.2917	0.3547	0.3517	0.3346	0.3102	0.3062	-----	0.325	11.53	0.995	0.999	9.4	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.0855	1.0207	0.9837	1.0785	1.1014	1.0979	1.0661	1.1335	-----	1.07	11.56	0.998	0.999	4.5	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.0866	1.1137	0.9946	1.0666	1.0819	1.0447	1.0619	1.1156	-----	1.07	11.60	0.998	0.999	3.7	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.6965	0.4994	0.5104	0.6564	0.7226	0.7424	0.7470	0.7696	-----	0.668	11.61	0.999	1.00	16	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.0641	0.7316	0.7617	0.9670	1.1112	1.1344	1.1558	1.1728	-----	1.01	12.58	1.00	1.00	17	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	0.9946	0.9407	0.8962	1.0373	0.9859	1.0209	1.1072	1.0918	-----	1.01	13.18	0.998	0.999	7.1	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.0651	0.9986	0.9903	1.0961	1.1501	1.0814	1.1328	1.1280	-----	1.08	13.24	0.999	0.999	5.5	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.0264	0.8260	0.7967	0.9430	1.0231	1.0248	1.0199	1.0392	-----	0.962	13.76	1.00	1.00	10	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyren	1	0	Avg	0.9253	0.7938	0.7033	0.8800	0.9113	0.8997	0.9183	0.9651	-----	0.875	15.73	0.998	0.999	9.7	0.50	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracen	1	0	Avg	0.9996	0.8454	0.8237	0.9562	0.9799	1.0109	1.0041	1.0374	-----	0.957	15.77	0.999	1.00	8.3	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.0067	0.8905	0.8474	0.9616	0.9825	0.9796	0.9866	1.0084	-----	0.958	16.15	1.00	1.00	6.1	0.50	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags	*Note:* Avg Rsd: 8.487
a - failed the min rf criteria	*Corr 1 = Correlation Coefficient for linear Eq.*
c - failed the minimum correlation coeff criteria(if applicable)	*Corr 2 = Correlation Coefficient for quad Eq.*
	Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002968.D Sam Mult : 1 Vial# : 11 Qt On : 09/29/25 13:56
Acq On : 09/29/25 13:30 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.192	96	65309	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	73343	40.00	ng	0.00
31) Naphthalene-d8	5.536	136	271359	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	164421	40.00	ng	0.00
76) Phenanthrene-d10	8.454	188	315138	40.00	ng	0.00
90) Chrysene-d12	11.567	240	305270	40.00	ng	0.00
102) Perylene-d12	13.856	264	305386	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.471	112	102051	47.73	ng	0.00
Spiked Amount 100.000			Recovery = 47.73%			
16) Phenol-d5	4.227	99	139570	48.43	ng	0.00
Spiked Amount 100.000			Recovery = 48.43%			
32) Nitrobenzene-d5	4.983	128	26289	24.20	ng	0.00
Spiked Amount 50.000			Recovery = 48.40%			
55) 2-Fluorobiphenyl	6.374	172	126561	24.69	ng	0.00
Spiked Amount 50.000			Recovery = 49.38%			
79) 2,4,6-Tribromophenol	7.721	330	43391	46.36	ng	0.00
Spiked Amount 100.000			Recovery = 46.36%			
93) Terphenyl-d14	10.273	244	150243	23.97	ng	0.00
Spiked Amount 50.000			Recovery = 47.94%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.214	88	71888	45.9676	ng	88
9) Pyridine	2.461	79	205112	48.9245	ng	74
10) N-Nitrosodimethylamine	2.416	74	116434	46.1991	ng	76
12) Benzaldehyde	4.197	77	100201	47.1952	ng	80
13) Aniline	4.279	93	185426	53.2056	ng	49
14) Pentachloroethane	4.324	117	41331	48.2686	ng	81
15) bis(2-Chloroethyl)ether	4.324	93	118697	47.8076	ng	71
17) Phenol	4.235	94	153510	48.5231	ng	88
18) 2-Chlorophenol	4.377	128	106691	48.5603	ng	84
19) N-Decane	4.407	57	129603	45.8210	ng	93
20) 1,3-Dichlorobenzene	4.504	146	124036	49.3907	ng	99
22) 1,4-Dichlorobenzene	4.564	146	124179	47.8228	ng	98
23) 1,2-Dichlorobenzene	4.683	146	116248	46.9657	ng	98
24) Benzyl alcohol	4.646	108	75468	46.5734	ng	78
25) bis(2-chloroisopropyl)...	4.758	45	145175	42.2463	ng	95
26) 2-Methylphenol	4.728	108	102173	48.2885	ng	99
27) Acetophenone	4.863	105	161969	46.1992	ng	62
28) Hexachloroethane	4.953	117	52772	46.6654	ng	91
29) N-Nitroso-di-n-propyla...	4.856	70	85341	44.9354	ng	78
30) 3&4-Methylphenol	4.848	108	109497	48.2515	ng	98
33) Nitrobenzene	4.998	77	125986	46.5105	ng	83
34) Isophorone	5.177	82	230298	46.9457	ng	89
35) 2-Nitrophenol	5.237	139	55524	47.7209	ng	88
36) 2,4-Dimethylphenol	5.260	107	114976	46.9361	ng	99
37) Benzoic Acid	5.312	105	81349	38.4835	ng	39
38) bis(2-Chloroethoxy)met...	5.334	93	143755	46.2753	ng	96
39) 2,4-Dichlorophenol	5.417	162	92720	50.5811	ng	89
40) 1,2,4-Trichlorobenzene	5.484	180	103583	46.3153	ng	97
41) Naphthalene	5.551	128	326893	47.1805	ng	99
42) 4-Chloroaniline	5.581	127	130570m	51.4040	ng	
43) Hexachlorobutadiene	5.634	225	67422	47.2793	ng	95
44) Caprolactam	5.851	113	35923	51.7058	ng	71
45) 4-Chloro-3-methylphenol	5.948	107	96037	47.0368	ng	83
46) 2-Methylnaphthalene	6.090	142	198082	49.1034	ng	97
47) 1-Methylnaphthalene	6.165	142	200543	46.8147	ng	90
48) Methylnaphthalenes (To...	6.165	142	398453m	95.8780	ng	
49) 1,1'-Biphenyl	6.464	154	268757	48.1149	ng	95
51) 1,2,4,5-Tetrachloroben...	6.217	216	115897	47.6118	ng	99
52) Hexachlorocyclopentadiene	6.210	237	78941	48.8308	ng	99
53) 2,4,6-Trichlorophenol	6.307	196	71467m	48.7396	ng	
54) 2,4,5-Trichlorophenol	6.337	196	76949m	49.3301	ng	
56) 2-Chloronaphthalene	6.487	162	208997	47.8311	ng	91
57) 1,4-Dimethylnaphthalene	6.771	156	164918	48.8593	ng	88
58) Dimethylnaphthalenes (...	6.771	156	164918	48.8593	ng	88
59) Diphenyl Ether	6.554	170	153900	48.3718	ng	77
60) 2-Nitroaniline	6.561	65	86122	45.6957	ng	83
61) Acenaphthylene	6.853	152	344265	50.8084	ng	99
62) Dimethylphthalate	6.711	163	242836	48.4347	ng	98
63) 2,6-Dinitrotoluene	6.771	165	56050	49.6188	ng	74
64) Acenaphthene	7.003	153	210356	47.0514	ng	95
65) 3-Nitroaniline	6.921	138	59678	50.1152	ng	91

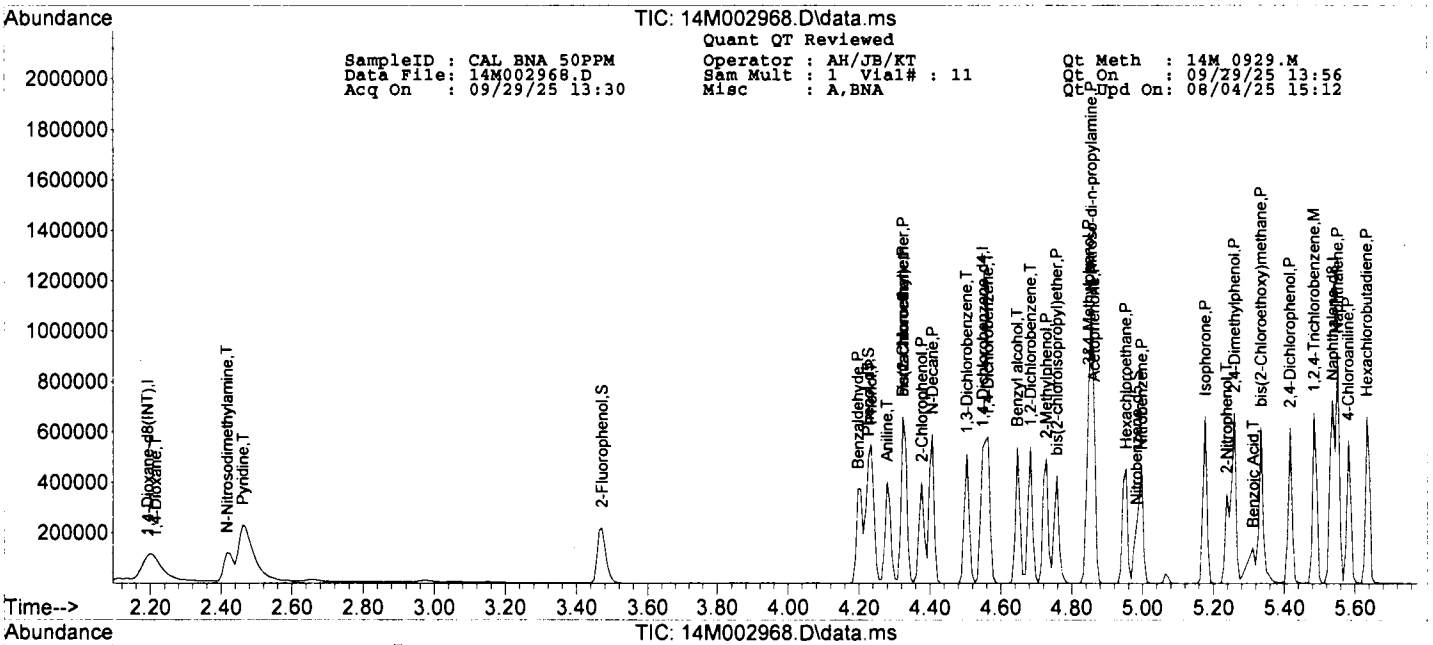
Quantitation Report (QT Reviewed)

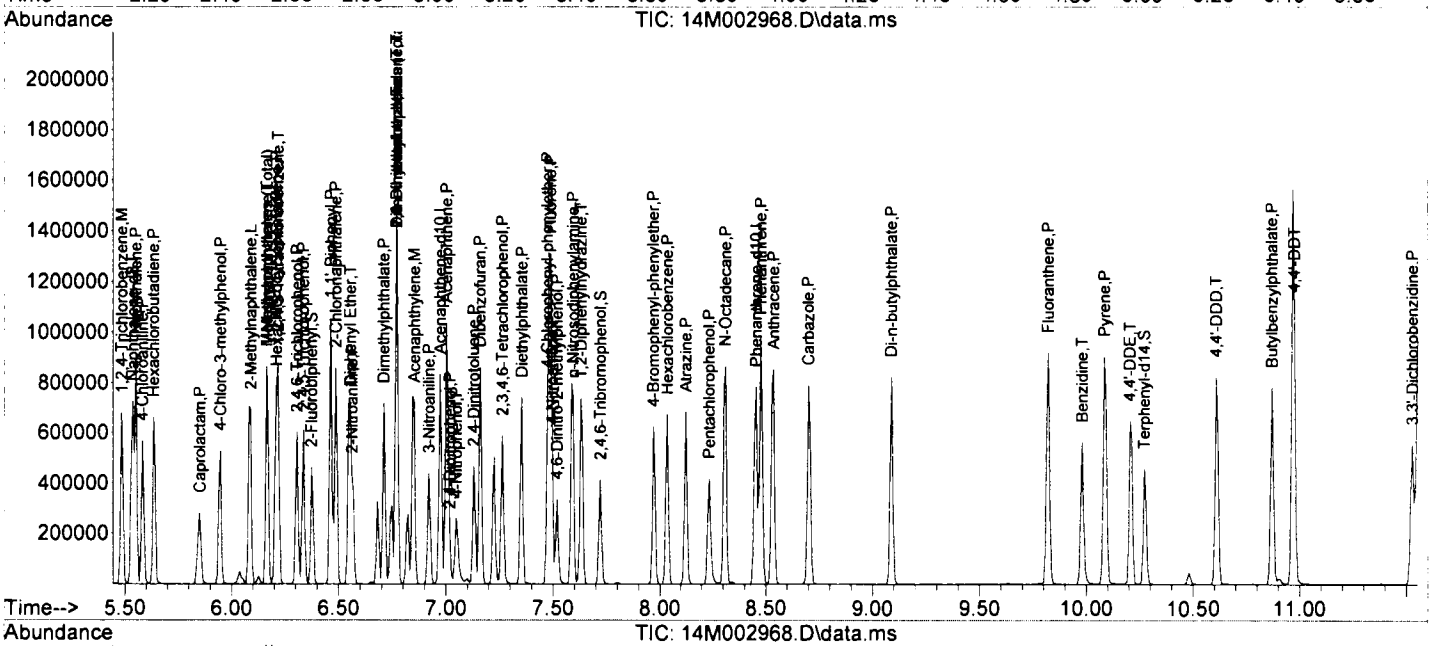
SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002968.D Sam Mult : 1 Vial# : 11 Qt On : 09/29/25 13:56
Acq On : 09/29/25 13:30 Misc : A,BNA Qt Upd On: 08/04/25 15:12

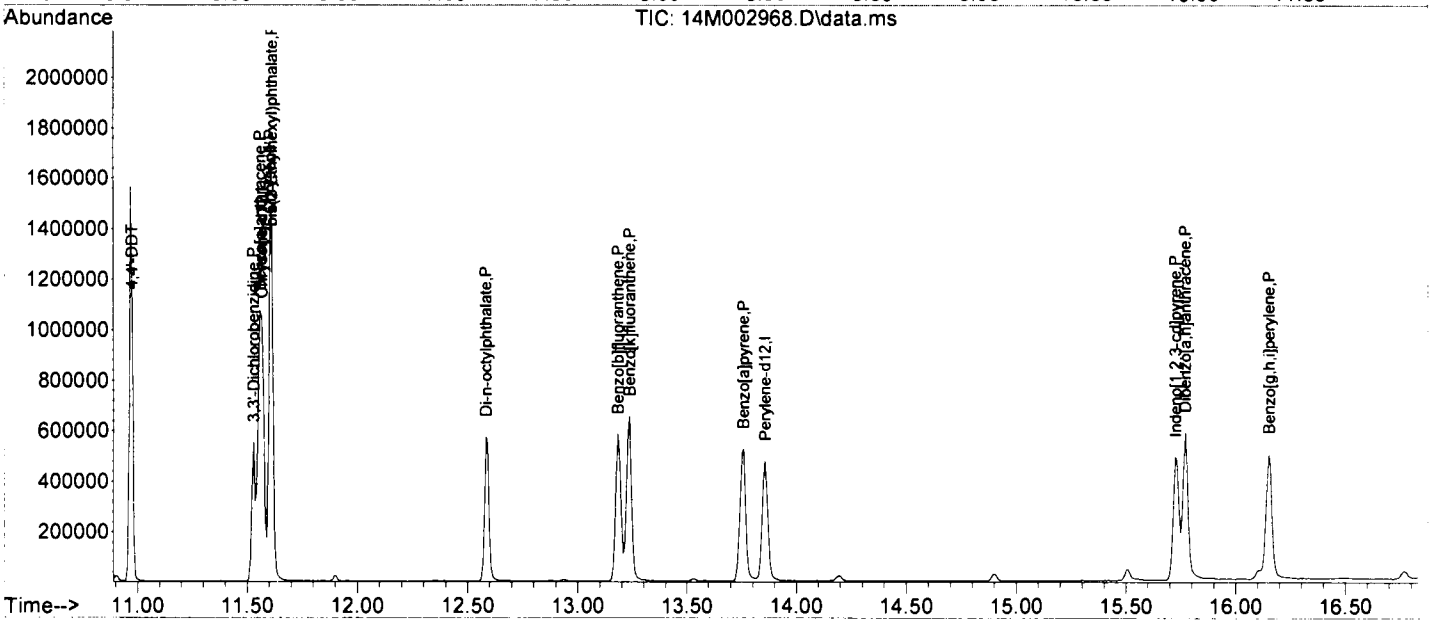
Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.018	184	30868	47.6635	ng	36
67)	Dibenzofuran	7.160	168	307610	48.6773	ng	86
68)	2,4-Dinitrotoluene	7.130	165	75242	49.8116	ng	78
69)	4-Nitrophenol	7.048	65	53417	43.6877	ng	92
70)	2,3,4,6-Tetrachlorophenol	7.265	232	68287	49.6956	ng	81
71)	Fluorene	7.489	166	246965	47.5346	ng	99
72)	4-Chlorophenyl-phenyle...	7.474	204	123025	47.4697	ng	83
73)	Diethylphthalate	7.355	149	238089	48.8324	ng	95
74)	4-Nitroaniline	7.497	138	65404	50.1422	ng	84
75)	Atrazine	8.125	200	74561	49.9069	ng	95
77)	4,6-Dinitro-2-methylph...	7.519	198	43114	46.2482	ng	64
78)	n-Nitrosodiphenylamine	7.594	169	211407	47.6505	ng	97
80)	1,2-Diphenylhydrazine	7.631	77	320120	46.9033	ng	91
81)	4-Bromophenyl-phenylether	7.968	248	71163	43.9760	ng	83
82)	Hexachlorobenzene	8.035	284	85401	47.3348	ng	63
83)	N-Octadecane	8.312	57	173448	46.1710	ng	85
84)	Pentachlorophenol	8.237	266	51798	46.7574	ng	93
85)	Phenanthrene	8.477	178	367105	47.3887	ng	99
86)	Anthracene	8.537	178	373394	47.8315	ng	100
87)	Carbazole	8.701	167	342741	48.2592	ng	97
88)	Di-n-butylphthalate	9.090	149	395632	47.8609	ng	98
89)	Fluoranthene	9.824	202	400659	48.7583	ng	88
91)	Pyrene	10.086	202	425324	48.5686	ng	89
92)	Benzidine	9.981	184	220826	52.2378	ng	87
94)	4,4'-DDE	10.205	246	84202	46.7284	ng	93
95)	4,4'-DDD	10.609	235	163496	49.4404	ng	97
96)	Butylbenzylphthalate	10.871	149	177562	51.0507	ng	81
97)	4,4'-DDT	10.976	235	140020	48.7067	ng	99
98)	3,3'-Dichlorobenzidine	11.530	252	138817	51.9514	ng	94
99)	Benzo[a]anthracene	11.559	228	414216	47.8746	ng	98
100)	Chrysene	11.604	228	414664	48.8774	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.612	149	265798	49.7767	ng	93
103)	Di-n-octylphthalate	12.585	149	406201	49.7548	ng	100
104)	Benzo[b]fluoranthene	13.183	252	379701	47.5909	ng	90
105)	Benzo[k]fluoranthene	13.235	252	406606	47.3760	ng	91
106)	Benzo[a]pyrene	13.759	252	391826	51.1910	ng	88
107)	Indeno[1,2,3-cd]pyrene	15.727	276	353253m	46.8622	ng	
108)	Dibenzo[a,h]anthracene	15.772	278	381581	49.2736	ng	85
109)	Benzo[g,h,i]perylene	16.153	276	384303	49.6460	ng	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M002968.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 50PPM
Data File: 14M002968.D
Acq On : 09/29/25 13:30
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 11
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 13:56
Qt Upd On: 08/04/25 15:12
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Acetophenone,P
di-n-propylamine,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,T
2,4-Dimethylphenol,P
bis(2-Chloroethoxy)methane,P
Benzoic Acid,T
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
4-Chloroaniline,P
Hexachlorobutadiene,P
Time-->


Abundance
TIC: 14M002968.D\data.ms
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
2-Methylphenol,P
2-Fluorobiphenyl,S
2-Chlorophenol,P
2-Chloronaphthalene,P
2-Nitroaniline,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene,P
2,4-Dinitrophenol,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Chlorophenyl-phenylether,P
4,6-Dinitro-2-methylphenol,P
N-Nitrosodiphenylamine,P
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
3,3'-Dichlorobenzidine,P
Time-->


Abundance
TIC: 14M002968.D\data.ms
4,4'-DDT
3,3'-Dichlorobenzidine,P
Bis(2-ethylhexyl)phthalate,P
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 2PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002958.D Sam Mult : 1 Vial# : 3 Qt On : 09/29/25 10:35
Acq On : 09/29/25 09:45 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

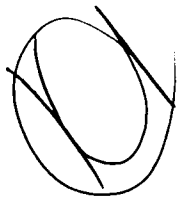
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.192	96	64535	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	70800	40.00	ng	0.00
31) Naphthalene-d8	5.529	136	267436	40.00	ng	0.00
50) Acenaphthene-d10	6.965	164	157493	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	300710	40.00	ng	0.00
90) Chrysene-d12	11.559	240	275856	40.00	ng	0.00
102) Perylene-d12	13.849	264	273457	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.471	112	4014m	1.90	ng	0.00
Spiked Amount 100.000			Recovery = 1.90%			
16) Phenol-d5	4.220	99	5317	1.87	ng	0.00
Spiked Amount 100.000			Recovery = 1.87%			
32) Nitrobenzene-d5	4.975	128	868	0.81	ng	0.00
Spiked Amount 50.000			Recovery = 1.62%			
55) 2-Fluorobiphenyl	6.374	172	5190	1.06	ng	0.00
Spiked Amount 50.000			Recovery = 2.12%			
79) 2,4,6-Tribromophenol	7.714	330	1295	1.45	ng	0.00
Spiked Amount 100.000			Recovery = 1.45%			
93) Terphenyl-d14	10.265	244	5676	1.00	ng	0.00
Spiked Amount 50.000			Recovery = 2.00%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.207	88	2706m	1.7511	ng	
9) Pyridine	2.491	79	8070	1.9480	ng	71
10) N-Nitrosodimethylamine	2.424	74	4774	1.9170	ng	75
12) Benzaldehyde	4.197	77	4026	1.9190	ng	91
13) Aniline	4.279	93	6392	1.8561	ng	54
14) Pentachloroethane	4.324	117	1510	1.7846	ng	77
15) bis(2-Chloroethyl)ether	4.324	93	4678	1.9068	ng	63
17) Phenol	4.234	94	5484	1.7542	ng	94
18) 2-Chlorophenol	4.377	128	3835	1.7664	ng	85
19) N-Decane	4.399	57	5498	1.9671	ng	93
20) 1,3-Dichlorobenzene	4.504	146	4560	1.8376	ng	83
22) 1,4-Dichlorobenzene	4.564	146	5005	1.9967	ng	97
23) 1,2-Dichlorobenzene	4.683	146	4678	1.9579	ng	96
24) Benzyl alcohol	4.646	108	2552	1.6315	ng	87
25) bis(2-chloroisopropyl)...	4.751	45	6323	1.9061	ng	97
26) 2-Methylphenol	4.721	108	3697	1.8100	ng	99
27) Acetophenone	4.855	105	6167	1.8222	ng	64
28) Hexachloroethane	4.945	117	2387	2.1866	ng	83
29) N-Nitroso-di-n-propyla...	4.848	70	3223	1.7580	ng	90
30) 3&4-Methylphenol	4.841	108	3860	1.7621	ng	97
33) Nitrobenzene	4.990	77	4830	1.8093	ng	91
34) Isophorone	5.170	82	8505	1.7592	ng	92
35) 2-Nitrophenol	5.237	139	1929	1.6822	ng	93
36) 2,4-Dimethylphenol	5.252	107	4136	1.7132	ng	90
37) Benzoic Acid	0.000		0	N.D.		
38) bis(2-Chloroethoxy)met...	5.334	93	5376	1.7559	ng	90
39) 2,4-Dichlorophenol	5.417	162	2978	1.6484	ng	91
40) 1,2,4-Trichlorobenzene	5.484	180	4018	1.8229	ng	98
41) Naphthalene	5.544	128	13402	1.9627	ng	99
42) 4-Chloroaniline	5.581	127	4535m	1.8116	ng	
43) Hexachlorobutadiene	5.634	225	2693	1.9162	ng	97
44) Caprolactam	5.828	113	981	1.4327	ng	75
45) 4-Chloro-3-methylphenol	5.940	107	3024	1.5028	ng	82
46) 2-Methylnaphthalene	6.083	142	7770	1.9544	ng	100
47) 1-Methylnaphthalene	6.165	142	7936	1.8798	ng	91
48) Methylnaphthalenes (To...	6.083	142	15705m	3.8345	ng	
49) 1,1'-Biphenyl	6.457	154	10607	1.9268	ng	94
51) 1,2,4,5-Tetrachloroben...	6.217	216	4795	2.0565	ng	96
52) Hexachlorocyclopentadiene	6.202	237	2555	1.6500	ng	98
53) 2,4,6-Trichlorophenol	6.300	196	2656m	1.8910	ng	
54) 2,4,5-Trichlorophenol	6.337	196	2599m	1.7394	ng	
56) 2-Chloronaphthalene	6.487	162	7947	1.8988	ng	89
57) 1,4-Dimethylnaphthalene	6.763	156	6286	1.9442	ng	89
58) Dimethylnaphthalenes (...	6.763	156	6286	1.9442	ng	89
59) Diphenyl Ether	6.546	170	6119	2.0078	ng	82
60) 2-Nitroaniline	6.561	65	2764	1.5311	ng	95
61) Acenaphthylene	6.846	152	12641	1.9477	ng	99
62) Dimethylphthalate	6.704	163	8889	1.8509	ng	93
63) 2,6-Dinitrotoluene	6.763	165	1632	1.5083	ng	80
64) Acenaphthene	6.995	153	8853	2.0673	ng	93
65) 3-Nitroaniline	6.921	138	1926	1.6885	ng	75

Quantitation Report (QT Reviewed)

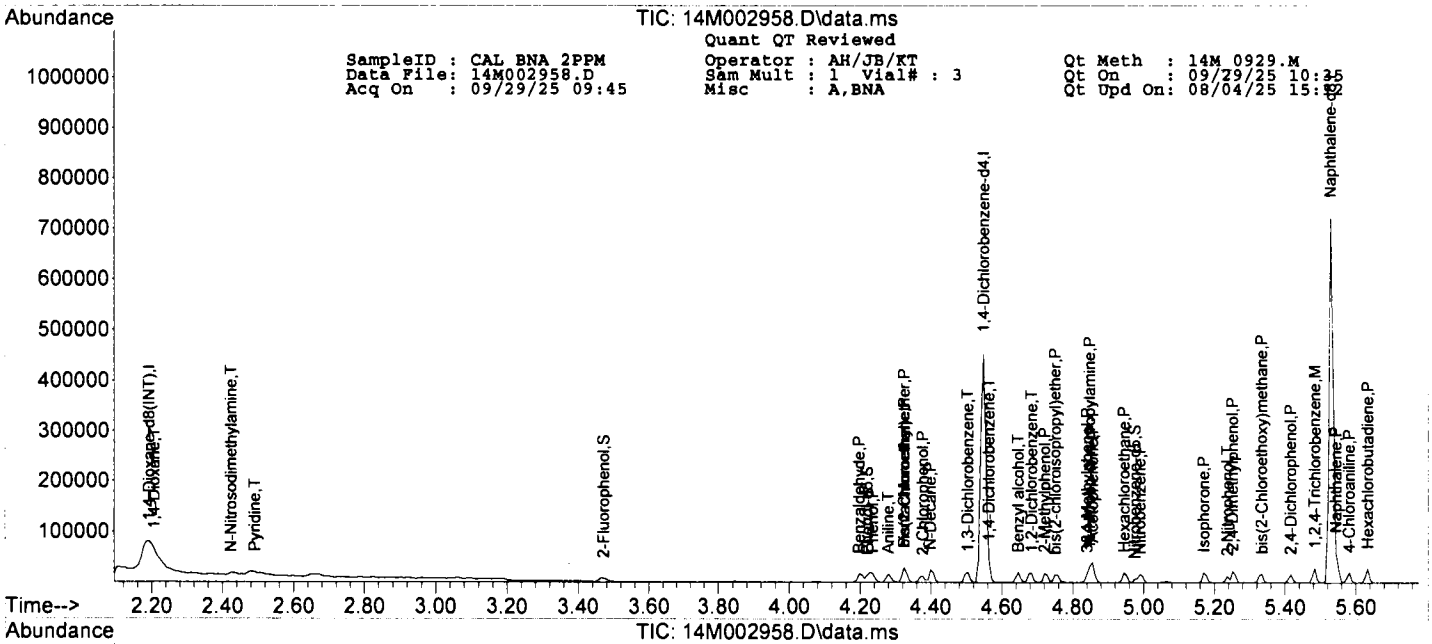
SampleID : CAL BNA 2PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002958.D Sam Mult : 1 Vial# : 3 Qt On : 09/29/25 10:35
Acq On : 09/29/25 09:45 Misc : A,BNA Qt Upd On: 08/04/25 15:12

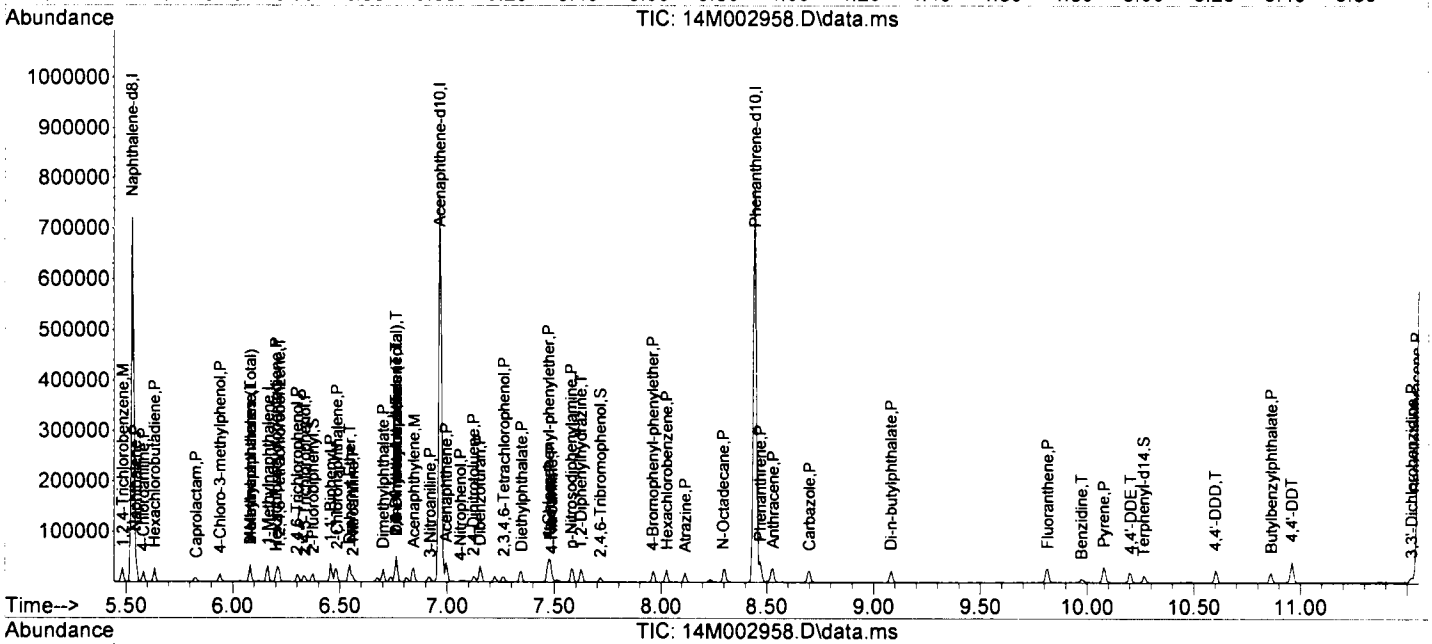
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Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

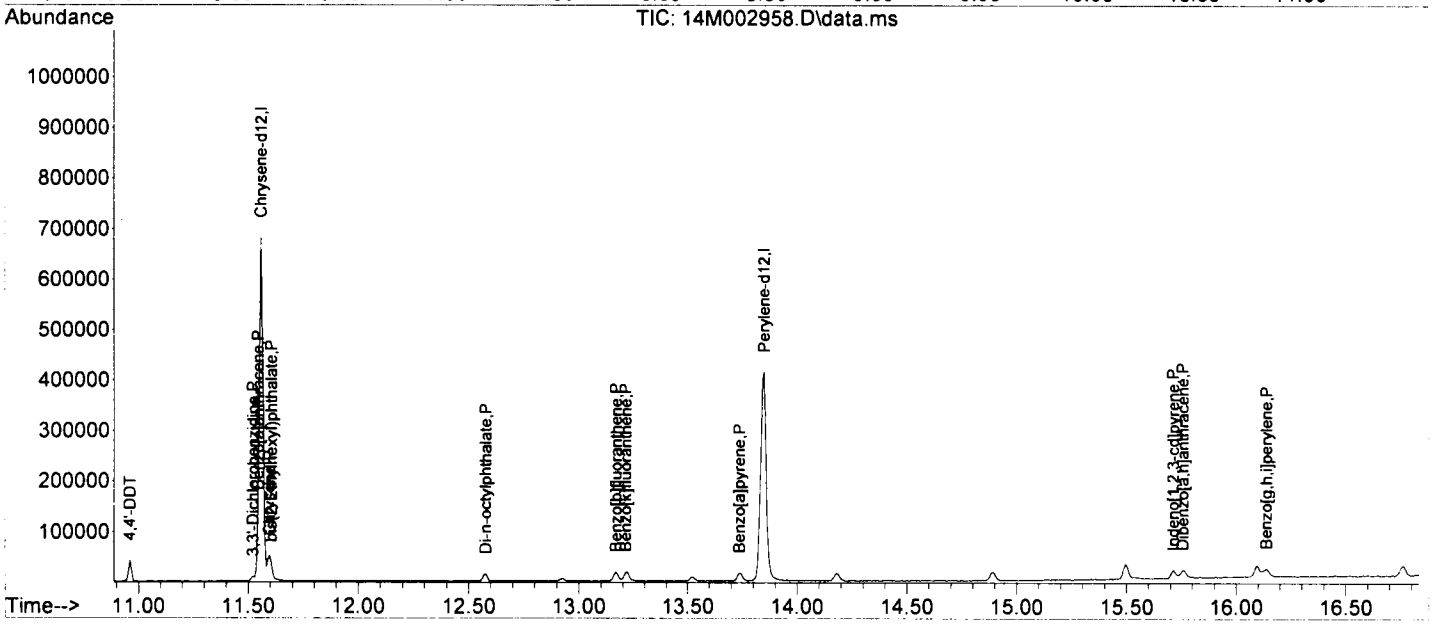
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	0.000		0	N.D.		
67)	Dibenzofuran	7.152	168	12885	2.1287	ng	83
68)	2,4-Dinitrotoluene	7.123	165	2078	1.4362	ng	91
69)	4-Nitrophenol	7.063	65	1270	1.1148	ng	76
70)	2,3,4,6-Tetrachlorophenol	7.265	232	2266	1.7216	ng	81
71)	Fluorene	7.482	166	9348	1.8784	ng	94
72)	4-Chlorophenyl-phenyle...	7.474	204	5015	2.0202	ng	78
73)	Diethylphthalate	7.347	149	8556	1.8320	ng	94
74)	4-Nitroaniline	7.489	138	1448	1.1589	ng	82
75)	Atrazine	8.118	200	2587	1.8078	ng	88
77)	4,6-Dinitro-2-methylph...	0.000		0	N.D. d		
78)	n-Nitrosodiphenylamine	7.579	169	7622	1.8004	ng	100
80)	1,2-Diphenylhydrazine	7.624	77	11084	1.7019	ng	88
81)	4-Bromophenyl-phenylether	7.961	248	3089	2.0005	ng	78
82)	Hexachlorobenzene	8.028	284	3339	1.9395	ng	64
83)	N-Octadecane	8.297	57	5462	1.5237	ng	82
84)	Pentachlorophenol	0.000		0	N.D. d		
85)	Phenanthrene	8.469	178	15206	2.0571	ng	95
86)	Anthracene	8.529	178	13145	1.7647	ng	97
87)	Carbazole	8.701	167	11921	1.7591	ng	95
88)	Di-n-butylphthalate	9.083	149	12225	1.5499	ng	98
89)	Fluoranthene	9.816	202	13809	1.7611	ng	86
91)	Pyrene	10.078	202	14571	1.8413	ng	90
92)	Benzidine	9.973	184	4949	1.2955	ng	78
94)	4,4'-DDE	10.205	246	2840	1.7441	ng	90
95)	4,4'-DDD	10.602	235	5102	1.7073	ng	95
96)	Butylbenzylphthalate	10.864	149	4723	1.5027	ng	79
97)	4,4'-DDT	10.961	235	3902	1.5021	ng	96
98)	3,3'-Dichlorobenzidine	11.522	252	3916	1.6218	ng	96
99)	Benzo[a]anthracene	11.544	228	14079	1.8007	ng	97
100)	Chrysene	11.597	228	15361	2.0037	ng	96
101)	bis(2-Ethylhexyl)phtha...	11.604	149	6889	1.4277	ng	90
103)	Di-n-octylphthalate	12.577	149	10004	1.3684	ng	98
104)	Benzo[b]fluoranthene	13.168	252	12862	1.8003	ng	93
105)	Benzo[k]fluoranthene	13.213	252	13654	1.7767	ng	86
106)	Benzo[a]pyrene	13.737	252	11294	1.6478	ng	90
107)	Indeno[1,2,3-cd]pyrene	15.712	276	10854m	1.6080	ng	
108)	Dibenzo[a,h]anthracene	15.757	278	11559	1.6669	ng	83
109)	Benzo[g,h,i]perylene	16.138	276	12176	1.7566	ng	92



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M002958.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 2PPM
Data File: 14M002958.D
Acq On : 09/29/25 09:45
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 10:35
Qt Upd On: 08/04/25 15:52
1,4-Dioxane-d8(INT),I
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
1,4-Dichlorobenzene-d4,I
Naphthalene-d8,I
Time-->


Abundance
TIC: 14M002958.D\data.ms
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Caprolactam,P
4-Chloro-3-methylphenol,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
N-Octadecane,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 14M002958.D\data.ms
4,4'-DDT
Chrysene-d12,I
Di-n-octylphthalate,P
Benzo[a]pyrene,P
Perylene-d12,I
Benzo[g,h,i]perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 10PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002957.D Sam Mult : 1 Vial# : 2 Qt On : 09/29/25 09:42
Acq On : 09/29/25 09:24 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.192	96	63892	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	73074	40.00	ng	0.00
31) Naphthalene-d8	5.536	136	274723	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	165959	40.00	ng	0.00
76) Phenanthrene-d10	8.454	188	311851	40.00	ng	0.00
90) Chrysene-d12	11.574	240	285153	40.00	ng	0.00
102) Perylene-d12	13.864	264	275712	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.471	112	17522	8.38	ng	0.00
Spiked Amount 100.000			Recovery = 8.38%			
16) Phenol-d5	4.227	99	23824	8.45	ng	0.00
Spiked Amount 100.000			Recovery = 8.45%			
32) Nitrobenzene-d5	4.982	128	4466	4.06	ng	0.00
Spiked Amount 50.000			Recovery = 8.12%			
55) 2-Fluorobiphenyl	6.382	172	22829	4.41	ng	0.00
Spiked Amount 50.000			Recovery = 8.82%			
79) 2,4,6-Tribromophenol	7.721	330	6548	7.07	ng	0.00
Spiked Amount 100.000			Recovery = 7.07%			
93) Terphenyl-d14	10.280	244	25171	4.30	ng	0.00
Spiked Amount 50.000			Recovery = 8.60%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.214	88	16218	10.6003	ng	90
9) Pyridine	2.483	79	35112	8.5609	ng	72
10) N-Nitrosodimethylamine	2.431	74	20265	8.2191	ng	76
12) Benzaldehyde	4.204	77	18081	8.7051	ng	76
13) Aniline	4.279	93	32094	9.4132	ng	49
14) Pentachloroethane	4.324	117	7483	8.9329	ng	82
15) bis(2-Chloroethyl)ether	4.332	93	21552	8.8730	ng	74
17) Phenol	4.234	94	25945	8.3829	ng	93
18) 2-Chlorophenol	4.376	128	18350	8.5372	ng	86
19) N-Decane	4.406	57	23362	8.4428	ng	98
20) 1,3-Dichlorobenzene	4.504	146	21216	8.6355	ng	100
22) 1,4-Dichlorobenzene	4.564	146	22338	8.6343	ng	99
23) 1,2-Dichlorobenzene	4.683	146	20804	8.4360	ng	99
24) Benzyl alcohol	4.646	108	12784	7.9184	ng	84
25) bis(2-chloroisopropyl)...	4.758	45	26499	7.7397	ng	95
26) 2-Methylphenol	4.728	108	17683	8.3880	ng	96
27) Acetophenone	4.863	105	29986	8.5845	ng	62
28) Hexachloroethane	4.953	117	9043	8.0260	ng	92
29) N-Nitroso-di-n-propyla...	4.855	70	15290	8.0804	ng	82
30) 3&4-Methylphenol	4.848	108	17916	7.9240	ng	92
33) Nitrobenzene	4.997	77	22141	8.0738	ng	86
34) Isophorone	5.177	82	39430	7.9393	ng	86
35) 2-Nitrophenol	5.244	139	9478	8.0462	ng	88
36) 2,4-Dimethylphenol	5.259	107	19735	7.9577	ng	98
37) Benzoic Acid	5.289	105	9378	4.5123	ng	51
38) bis(2-Chloroethoxy)met...	5.334	93	25711	8.1751	ng	96
39) 2,4-Dichlorophenol	5.416	162	15581	8.3957	ng	90
40) 1,2,4-Trichlorobenzene	5.491	180	18569	8.2011	ng	95
41) Naphthalene	5.551	128	59361	8.4627	ng	98
42) 4-Chloroaniline	5.589	127	22461m	8.7344	ng	
43) Hexachlorobutadiene	5.641	225	11644	8.0653	ng	95
44) Caprolactam	5.835	113	5265	7.4854	ng	71
45) 4-Chloro-3-methylphenol	5.940	107	15522	7.5092	ng	91
46) 2-Methylnaphthalene	6.090	142	35232	8.6269	ng	94
47) 1-Methylnaphthalene	6.172	142	35684	8.2281	ng	89
48) Methylnaphthalenes (To...	6.090	142	70901m	16.8517	ng	
49) 1,1'-Biphenyl	6.464	154	47932	8.4761	ng	95
51) 1,2,4,5-Tetrachloroben...	6.217	216	19793	8.0558	ng	98
52) Hexachlorocyclopentadiene	6.210	237	12511	7.6673	ng	95
53) 2,4,6-Trichlorophenol	6.307	196	11691m	7.8992	ng	
54) 2,4,5-Trichlorophenol	6.337	196	12967m	8.2358	ng	
56) 2-Chloronaphthalene	6.486	162	37525	8.5084	ng	93
57) 1,4-Dimethylnaphthalene	6.771	156	29034	8.5220	ng	86
58) Dimethylnaphthalenes (...	6.771	156	29034	8.5220	ng	86
59) Diphenyl Ether	6.554	170	27186	8.4656	ng	77
60) 2-Nitroaniline	6.569	65	13924	7.3195	ng	95
61) Acenaphthylene	6.853	152	58903	8.6126	ng	99
62) Dimethylphthalate	6.711	163	41896	8.2789	ng	98
63) 2,6-Dinitrotoluene	6.771	165	8523	7.4751	ng	74
64) Acenaphthene	7.003	153	39006	8.6438	ng	94
65) 3-Nitroaniline	6.920	138	9082	7.5560	ng	93

Quantitation Report (QT Reviewed)

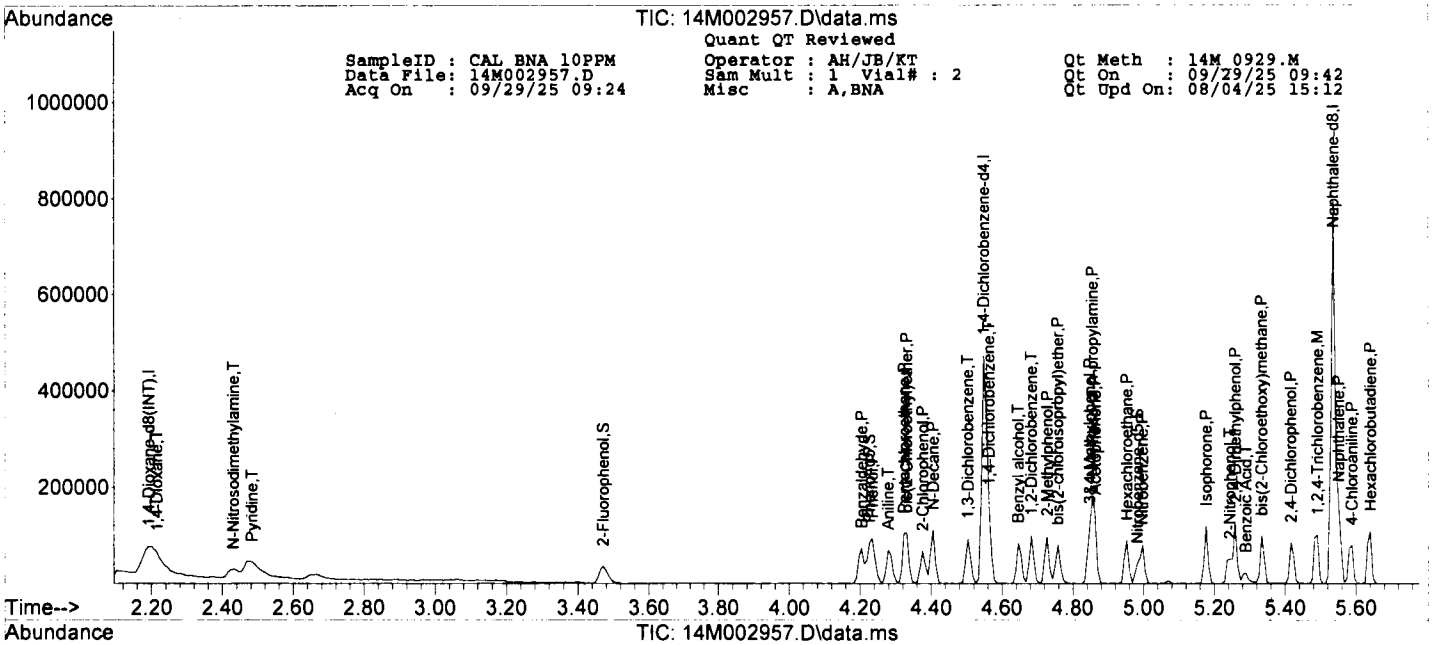
SampleID : CAL BNA 10PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002957.D Sam Mult : 1 Vial# : 2 Qt On : 09/29/25 09:42
Acq On : 09/29/25 09:24 Misc : A,BNA Qt Upd On: 08/04/25 15:12

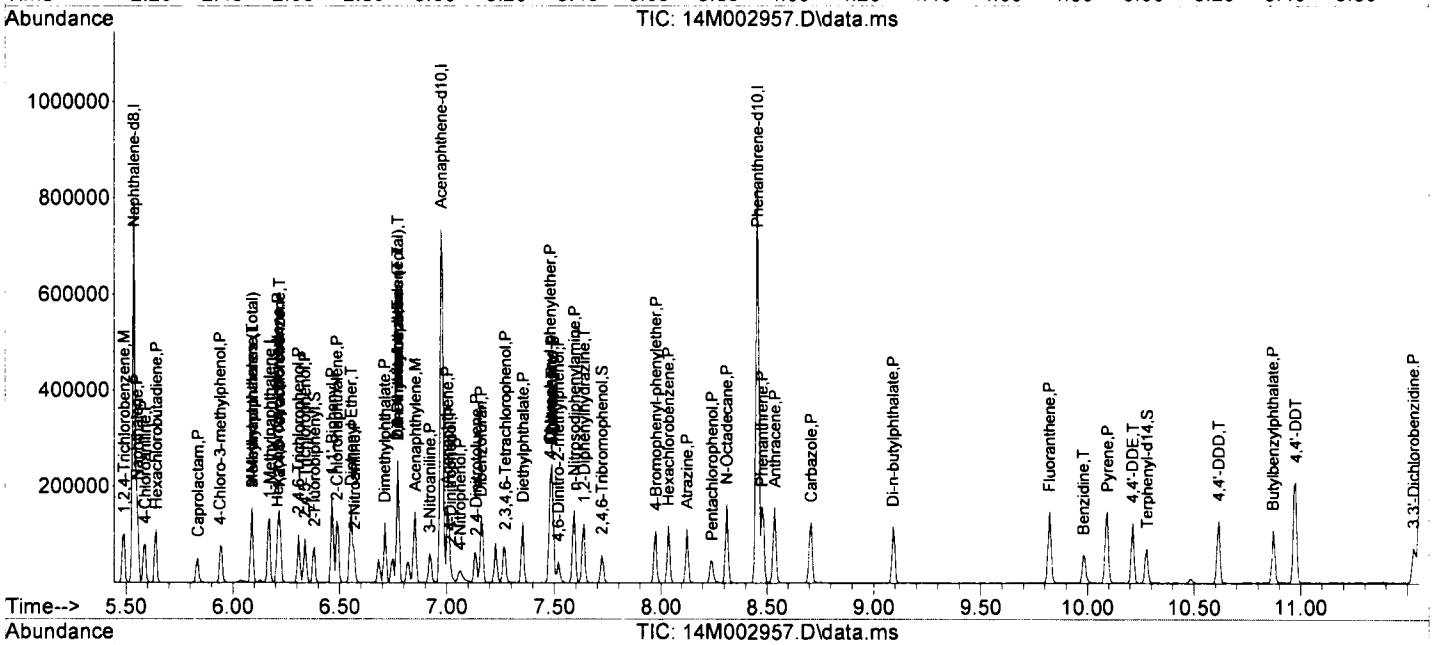
Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

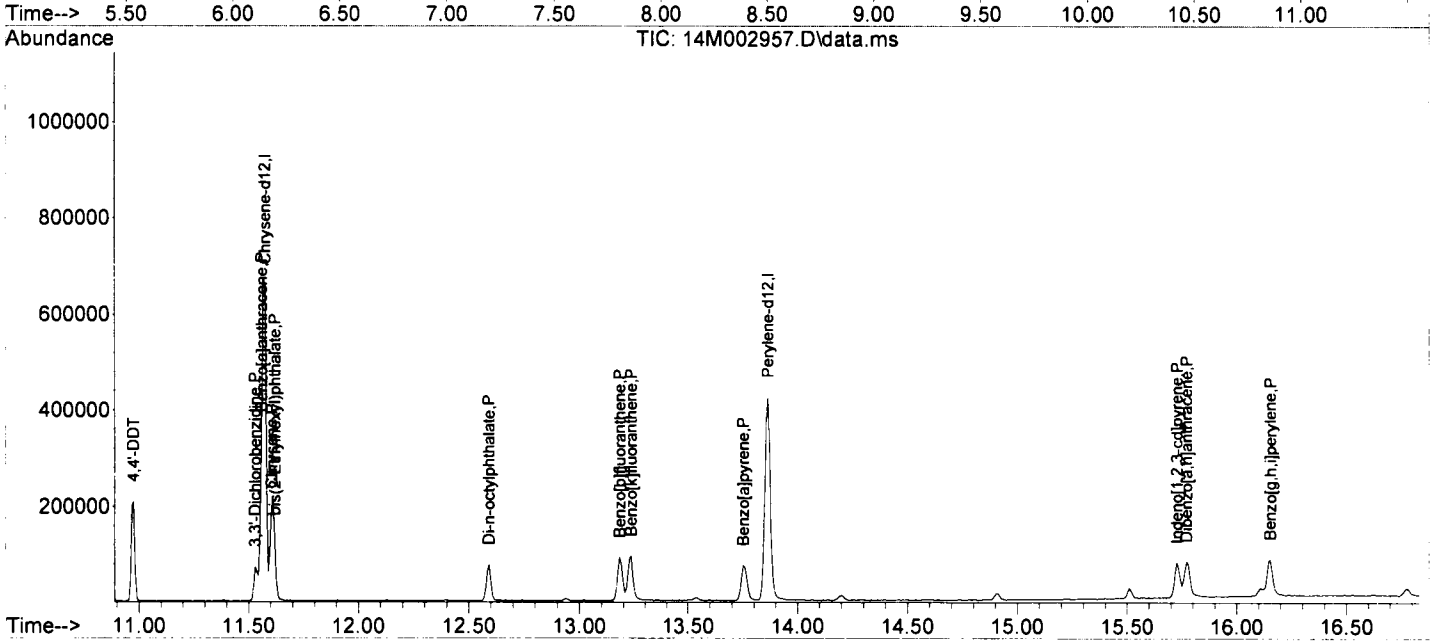
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.018	184	3955	6.5184	ng	57
67)	Dibenzofuran	7.160	168	55143	8.6452	ng	84
68)	2,4-Dinitrotoluene	7.137	165	11894	7.8011	ng	61
69)	4-Nitrophenol	7.063	65	8630	7.1605	ng	96
70)	2,3,4,6-Tetrachlorophenol	7.272	232	10885	7.8481	ng	82
71)	Fluorene	7.489	166	43695	8.3323	ng	100
72)	4-Chlorophenyl-phenyle...	7.482	204	20844	7.9682	ng	80
73)	Diethylphthalate	7.354	149	40610	8.2520	ng	96
74)	4-Nitroaniline	7.489	138	9725	7.3866	ng	91
75)	Atrazine	8.125	200	12054	7.9935	ng	97
77)	4,6-Dinitro-2-methylph...	7.519	198	5889	6.3837	ng	68
78)	n-Nitrosodiphenylamine	7.594	169	36501	8.3139	ng	98
80)	1,2-Diphenylhydrazine	7.639	77	52715	7.8051	ng	79
81)	4-Bromophenyl-phenylether	7.975	248	12782	7.9820	ng	78
82)	Hexachlorobenzene	8.035	284	14914	8.3534	ng	66
83)	N-Octadecane	8.312	57	27765	7.4688	ng	83
84)	Pentachlorophenol	8.245	266	7669	6.9957	ng	93
85)	Phenanthrene	8.477	178	65022	8.4820	ng	99
86)	Anthracene	8.536	178	63269	8.1901	ng	99
87)	Carbazole	8.709	167	57001	8.1105	ng	96
88)	Di-n-butylphthalate	9.090	149	61198	7.4814	ng	97
89)	Fluoranthene	9.823	202	65436	8.0472	ng	86
91)	Pyrene	10.093	202	70226	8.5850	ng	84
92)	Benzidine	9.981	184	30288	7.6703	ng	84
94)	4,4'-DDE	10.212	246	14211	8.4428	ng	91
95)	4,4'-DDD	10.617	235	25636	8.2991	ng	98
96)	Butylbenzylphthalate	10.871	149	24859	7.6514	ng	84
97)	4,4'-DDT	10.976	235	21592	8.0408	ng	99
98)	3,3'-Dichlorobenzidine	11.529	252	20798	8.3326	ng	93
99)	Benzo[a]anthracene	11.559	228	70133	8.6777	ng	98
100)	Chrysene	11.604	228	70907	8.9476	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.619	149	36389	7.2954	ng	89
103)	Di-n-octylphthalate	12.592	149	52509	7.1240	ng	96
104)	Benzo[b]fluoranthene	13.183	252	61774	8.5759	ng	91
105)	Benzo[k]fluoranthene	13.235	252	68262	8.8096	ng	92
106)	Benzo[a]pyrene	13.751	252	54918	7.9471	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.727	276	48479m	7.1233	ng	
108)	Dibenzo[a,h]anthracene	15.772	278	56782	8.1214	ng	85
109)	Benzo[g,h,i]perylene	16.153	276	58414	8.3583	ng	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 14M002957.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 10PPM
Data File: 14M002957.D
Acq On : 09/29/25 09:24
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 09:42
Qt Upd On: 08/04/25 15:12
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
Naphthalene-d8,I
4-Chloroaniline,P
Hexachlorobutadiene,P
Time-->


Abundance
TIC: 14M002957.D\data.ms
Naphthalene-d8,I
1,2,4-Trichlorobenzene,M
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
Acenaphthene-d10,I
Acenaphthylene,M
3-Nitroaniline,P
Dimethylphthalate,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
3,3'-Dichlorobenzidine,P
Time-->


Abundance
TIC: 14M002957.D\data.ms
4,4'-DDT
3,3'-Dichlorobenzidine,P
Chrysene-d12,I
Di-n-octylphthalate,P
Benzo(b)fluoranthene,P
Benzo(k)fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno(1,2,3-cd)pyrene,P
Dibenz(a,h)anthracene,P
Benzo(g,h,i)perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 20PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002967.D Sam Mult : 1 Vial# : 9 Qt On : 09/29/25 13:20
Acq On : 09/29/25 12:59 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.192	96	62838	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	70241	40.00	ng	0.00
31) Naphthalene-d8	5.537	136	258316	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	158401	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	307092	40.00	ng	0.00
90) Chrysene-d12	11.567	240	295578	40.00	ng	0.00
102) Perylene-d12	13.857	264	294942	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.471	112	41733	20.29	ng	0.00
Spiked Amount 100.000			Recovery = 20.29%			
16) Phenol-d5	4.227	99	54018	19.48	ng	0.00
Spiked Amount 100.000			Recovery = 19.48%			
32) Nitrobenzene-d5	4.983	128	10464	10.12	ng	0.00
Spiked Amount 50.000			Recovery = 20.24%			
55) 2-Fluorobiphenyl	6.375	172	50032	10.13	ng	0.00
Spiked Amount 50.000			Recovery = 20.26%			
79) 2,4,6-Tribromophenol	7.721	330	15041	16.49	ng	0.00
Spiked Amount 100.000			Recovery = 16.49%			
93) Terphenyl-d14	10.273	244	59605	9.82	ng	0.00
Spiked Amount 50.000			Recovery = 19.64%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.214	88	28331	18.8282	ng	79
9) Pyridine	2.476	79	83081	20.5962	ng	80
10) N-Nitrosodimethylamine	2.424	74	47419	19.5550	ng	78
12) Benzaldehyde	4.197	77	39235	19.2066	ng	85
13) Aniline	4.280	93	72706	21.6824	ng	50
14) Pentachloroethane	4.324	117	16333	19.8246	ng	78
15) bis(2-Chloroethyl)ether	4.324	93	47420	19.8504	ng	68
17) Phenol	4.235	94	60730	19.9511	ng	89
18) 2-Chlorophenol	4.377	128	41658	19.7062	ng	84
19) N-Decane	4.407	57	51262	18.8363	ng	94
20) 1,3-Dichlorobenzene	4.504	146	50508	20.9030	ng	99
22) 1,4-Dichlorobenzene	4.564	146	49530	19.9170	ng	97
23) 1,2-Dichlorobenzene	4.684	146	47199	19.9111	ng	98
24) Benzyl alcohol	4.646	108	29749	19.1697	ng	75
25) bis(2-chloroisopropyl)...	4.758	45	57715	17.5369	ng	96
26) 2-Methylphenol	4.728	108	40569	20.0203	ng	97
27) Acetophenone	4.856	105	65426	19.4859	ng	68
28) Hexachloroethane	4.945	117	20809	19.2137	ng	84
29) N-Nitroso-di-n-propyla...	4.856	70	32468	17.8507	ng	77
30) 3&4-Methylphenol	4.848	108	42019	19.3340	ng	99
33) Nitrobenzene	4.998	77	48772	18.9144	ng	81
34) Isophorone	5.177	82	88551	18.9624	ng	85
35) 2-Nitrophenol	5.237	139	22000	19.8629	ng	90
36) 2,4-Dimethylphenol	5.260	107	43638	18.7136	ng	93
37) Benzoic Acid	5.297	105	26081	13.2449	ng	41
38) bis(2-Chloroethoxy)met...	5.335	93	57004	19.2763	ng	97
39) 2,4-Dichlorophenol	5.417	162	35831	20.5337	ng	89
40) 1,2,4-Trichlorobenzene	5.484	180	43011	20.2027	ng	97
41) Naphthalene	5.551	128	129969	19.7056	ng	98
42) 4-Chloroaniline	5.581	127	51297m	21.2148	ng	
43) Hexachlorobutadiene	5.634	225	26100	19.2266	ng	96
44) Caprolactam	5.836	113	13364	20.2067	ng	70
45) 4-Chloro-3-methylphenol	5.941	107	37726	19.4103	ng	89
46) 2-Methylnaphthalene	6.083	142	79425	20.6832	ng	98
47) 1-Methylnaphthalene	6.165	142	81617	20.0147	ng	91
48) Methylnaphthalenes (To...	6.165	142	160507m	40.5722	ng	
49) 1,1'-Biphenyl	6.464	154	106089	19.9518	ng	96
51) 1,2,4,5-Tetrachloroben...	6.217	216	46185	19.6944	ng	97
52) Hexachlorocyclopentadiene	6.210	237	29350	18.8451	ng	98
53) 2,4,6-Trichlorophenol	6.307	196	28887m	20.4493	ng	
54) 2,4,5-Trichlorophenol	6.337	196	29387m	19.5553	ng	
56) 2-Chloronaphthalene	6.487	162	82520	19.6033	ng	91
57) 1,4-Dimethylnaphthalene	6.771	156	64796	19.9263	ng	90
58) Dimethylnaphthalenes (...	6.771	156	64796	19.9263	ng	90
59) Diphenyl Ether	6.547	170	61224	19.9744	ng	83
60) 2-Nitroaniline	6.562	65	32137	17.6997	ng	91
61) Acenaphthylene	6.846	152	134267	20.5689	ng	98
62) Dimethylphthalate	6.711	163	95182	19.7060	ng	98
63) 2,6-Dinitrotoluene	6.771	165	20332	18.6831	ng	70
64) Acenaphthene	7.003	153	82934	19.2553	ng	95
65) 3-Nitroaniline	6.921	138	22623	19.7199	ng	92

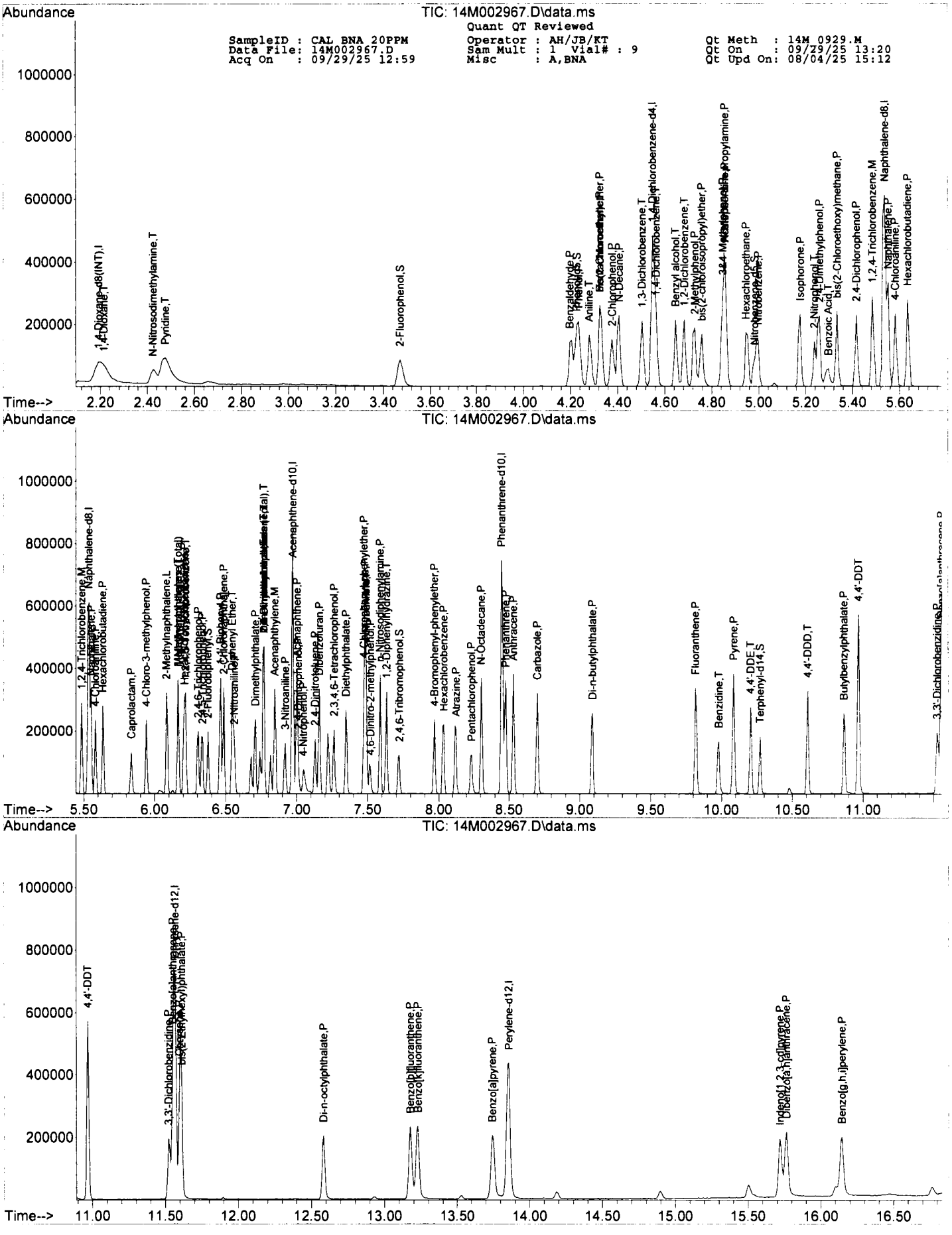
Quantitation Report (QT Reviewed)

SampleID : CAL BNA 20PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002967.D Sam Mult : 1 Vial# : 9 Qt On : 09/29/25 13:20
Acq On : 09/29/25 12:59 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.010	184	10736	18.1422	ng	62
67)	Dibenzofuran	7.160	168	119692	19.6603	ng	83
68)	2,4-Dinitrotoluene	7.130	165	27435	18.8527	ng	68
69)	4-Nitrophenol	7.048	65	16448	14.2324	ng	88
70)	2,3,4,6-Tetrachlorophenol	7.265	232	25224	19.0543	ng	79
71)	Fluorene	7.482	166	97912	19.5618	ng	99
72)	4-Chlorophenyl-phenyle...	7.474	204	48332	19.3579	ng	82
73)	Diethylphthalate	7.347	149	93322	19.8679	ng	96
74)	4-Nitroaniline	7.489	138	24121	19.1952	ng	86
75)	Atrazine	8.125	200	28823	20.0257	ng	92
77)	4,6-Dinitro-2-methylph...	7.519	198	15144	16.6705	ng	67
78)	n-Nitrosodiphenylamine	7.587	169	83053	19.2103	ng	98
80)	1,2-Diphenylhydrazine	7.632	77	123033	18.4988	ng	88
81)	4-Bromophenyl-phenylether	7.968	248	27810	17.6358	ng	79
82)	Hexachlorobenzene	8.036	284	32810	18.6619	ng	60
83)	N-Octadecane	8.305	57	64416	17.5965	ng	83
84)	Pentachlorophenol	8.238	266	18931	17.5365	ng	98
85)	Phenanthrene	8.477	178	144811	19.1831	ng	100
86)	Anthracene	8.529	178	143813	18.9050	ng	99
87)	Carbazole	8.701	167	132919	19.2058	ng	96
88)	Di-n-butylphthalate	9.091	149	148130	18.3893	ng	98
89)	Fluoranthene	9.816	202	153777	19.2042	ng	90
91)	Pyrene	10.086	202	166581	19.6459	ng	86
92)	Benzidine	9.981	184	78963	19.2917	ng	85
94)	4,4'-DDE	10.205	246	32062	18.3764	ng	93
95)	4,4'-DDD	10.609	235	61346	19.1590	ng	96
96)	Butylbenzylphthalate	10.864	149	64530	19.1613	ng	83
97)	4,4'-DDT	10.969	235	51612	18.5422	ng	99
98)	3,3'-Dichlorobenzidine	11.522	252	52422	20.2619	ng	94
99)	Benzo[a]anthracene	11.552	228	159404	19.0279	ng	97
100)	Chrysene	11.597	228	157643	19.1910	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.612	149	97020	18.7650	ng	90
103)	Di-n-octylphthalate	12.585	149	142617	18.0875	ng	99
104)	Benzo[b]fluoranthene	13.176	252	152977	19.8527	ng	90
105)	Benzo[k]fluoranthene	13.228	252	161656	19.5024	ng	90
106)	Benzo[a]pyrene	13.744	252	139076	18.8133	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.720	276	129787m	17.8271	ng	
108)	Dibenzo[a,h]anthracene	15.765	278	141013	18.8538	ng	84
109)	Benzo[g,h,i]perylene	16.146	276	141818	18.9694	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M002967.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 20PPM
Data File: 14M002967.D
Acq On : 09/29/25 12:59
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 13:20
Qt Upd On: 08/04/25 15:12
1000000
800000
600000
400000
200000
Time-->
2.20 2.40 2.60 2.80 3.00 3.20 3.40 3.60 3.80 4.00 4.20 4.40 4.60 4.80 5.00 5.20 5.40 5.60
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Phenol-d5,S
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,T
2,4-Dimethylphenol,P
Benzoic Acid,T
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Abundance
TIC: 14M002967.D\data.ms
1000000
800000
600000
400000
200000
Time-->
5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50 11.00
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
Naphthalene,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene-d10,I
Acenaphthene,P
2,4-Dinitrotoluene,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4,6-Dinitro-2-methylphenol,P
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Abundance
TIC: 14M002967.D\data.ms
1000000
800000
600000
400000
200000
Time-->
11.00 11.50 12.00 12.50 13.00 13.50 14.00 14.50 15.00 15.50 16.00 16.50
4,4'-DDT
3,3'-Dichlorobenzidine,P
Benzo[e]pyrene-d12,I
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 80PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002962.D Sam Mult : 1 Vial# : 7 Qt On : 09/29/25 11:35
Acq On : 09/29/25 11:09 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

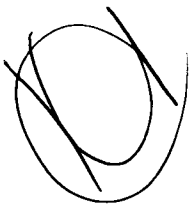
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.199	96	67769	40.00	ng	0.01
21) 1,4-Dichlorobenzene-d4	4.549	152	77420	40.00	ng	0.00
31) Naphthalene-d8	5.529	136	286686	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	177679	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	336724	40.00	ng	0.00
90) Chrysene-d12	11.559	240	324610	40.00	ng	0.00
102) Perylene-d12	13.841	264	313810	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.471	112	177358	79.94	ng	0.00
Spiked Amount 100.000			Recovery = 79.94%			
16) Phenol-d5	4.227	99	244289	81.69	ng	0.00
Spiked Amount 100.000			Recovery = 81.69%			
32) Nitrobenzene-d5	4.983	128	45309	39.48	ng	0.00
Spiked Amount 50.000			Recovery = 78.96%			
55) 2-Fluorobiphenyl	6.374	172	212078	38.28	ng	0.00
Spiked Amount 50.000			Recovery = 76.56%			
79) 2,4,6-Tribromophenol	7.713	330	81236	81.24	ng	0.00
Spiked Amount 100.000			Recovery = 81.24%			
93) Terphenyl-d14	10.265	244	258150	38.73	ng	0.00
Spiked Amount 50.000			Recovery = 77.46%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.214	88	125421m	77.2873	ng	
9) Pyridine	2.476	79	371567	85.4111	ng	83
10) N-Nitrosodimethylamine	2.424	74	212320	81.1870	ng	83
12) Benzaldehyde	4.204	77	178955	81.2291	ng	85
13) Aniline	4.287	93	320342	88.5815	ng	53
14) Pentachloroethane	4.324	117	71205	80.1385	ng	81
15) bis(2-Chloroethyl)ether	4.332	93	209169	81.1889	ng	71
17) Phenol	4.242	94	251590	76.6385	ng	92
18) 2-Chlorophenol	4.376	128	181827	79.7543	ng	91
19) N-Decane	4.406	57	255606	87.0888	ng	99
20) 1,3-Dichlorobenzene	4.504	146	206217m	79.1341	ng	
22) 1,4-Dichlorobenzene	4.564	146	213532	77.9033	ng	97
23) 1,2-Dichlorobenzene	4.683	146	202680	77.5732	ng	99
24) Benzyl alcohol	4.646	108	134280	78.5040	ng	82
25) bis(2-chloroisopropyl)...	4.758	45	297712	82.0726	ng	95
26) 2-Methylphenol	4.728	108	179997	80.5895	ng	99
27) Acetophenone	4.863	105	296510	80.1211	ng	63
28) Hexachloroethane	4.945	117	92253	77.2819	ng	84
29) N-Nitroso-di-n-propyla...	4.855	70	160141	79.8802	ng	71
30) 3&4-Methylphenol	4.848	108	194747	81.2989	ng	99
33) Nitrobenzene	4.997	77	231552	80.9125	ng	85
34) Isophorone	5.177	82	422290	81.4807	ng	92
35) 2-Nitrophenol	5.237	139	99795	81.1847	ng	86
36) 2,4-Dimethylphenol	5.259	107	206066	79.6239	ng	97
37) Benzoic Acid	5.319	105	159729	69.6769	ng	45
38) bis(2-Chloroethoxy)met...	5.334	93	259511	79.0715	ng	98
39) 2,4-Dichlorophenol	5.416	162	160688	82.9728	ng	90
40) 1,2,4-Trichlorobenzene	5.484	180	181302	76.7320	ng	97
41) Naphthalene	5.551	128	565259	77.2222	ng	99
42) 4-Chloroaniline	5.581	127	220052m	82.0004	ng	
43) Hexachlorobutadiene	5.633	225	117481	77.9785	ng	96
44) Caprolactam	5.858	113	63377	86.3448	ng	68
45) 4-Chloro-3-methylphenol	5.940	107	175831	81.5141	ng	96
46) 2-Methylnaphthalene	6.082	142	338580	79.4448	ng	97
47) 1-Methylnaphthalene	6.165	142	354936	78.4265	ng	91
48) Methylnaphthalenes (To...	6.165	142	692674m	157.7642	ng	
49) 1,1'-Biphenyl	6.456	154	460155	77.9761	ng	97
51) 1,2,4,5-Tetrachloroben...	6.217	216	203724	77.4473	ng	98
52) Hexachlorocyclopentadiene	6.202	237	140589	80.4755	ng	99
53) 2,4,6-Trichlorophenol	6.299	196	130421m	82.3086	ng	
54) 2,4,5-Trichlorophenol	6.337	196	130361m	77.3354	ng	
56) 2-Chloronaphthalene	6.486	162	364041	77.0978	ng	91
57) 1,4-Dimethylnaphthalene	6.763	156	283145	77.6264	ng	91
58) Dimethylnaphthalenes (...	6.763	156	283145	77.6264	ng	91
59) Diphenyl Ether	6.546	170	265747	77.2935	ng	85
60) 2-Nitroaniline	6.561	65	169382	83.1667	ng	83
61) Acenaphthylene	6.846	152	601717	82.1781	ng	99
62) Dimethylphthalate	6.711	163	411961	76.0363	ng	98
63) 2,6-Dinitrotoluene	6.771	165	95123	77.9251	ng	68
64) Acenaphthene	7.003	153	365335	75.6188	ng	97
65) 3-Nitroaniline	6.920	138	102303	79.4995	ng	92

Quantitation Report (QT Reviewed)

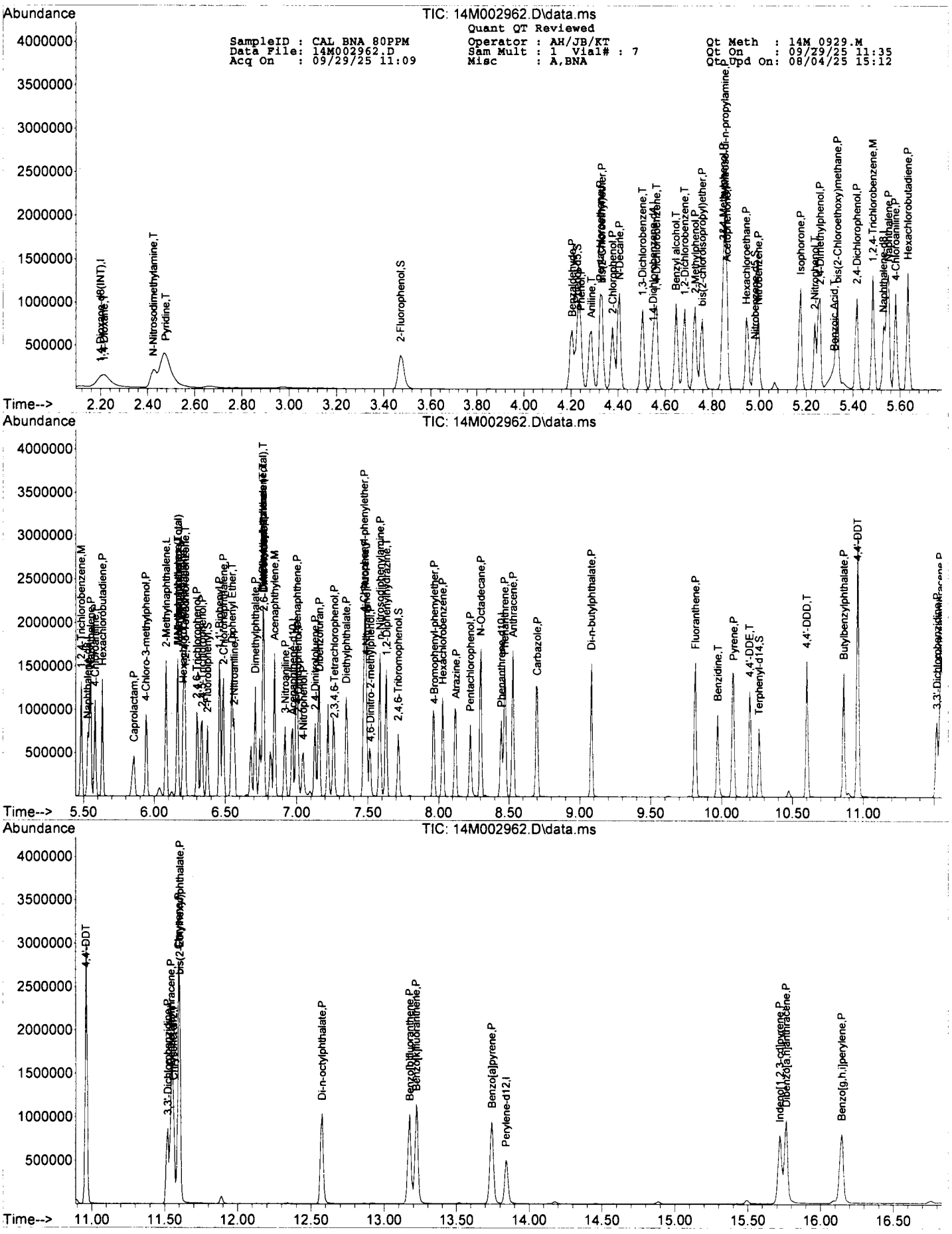
SampleID : CAL BNA 80PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002962.D Sam Mult : 1 Vial# : 7 Qt On : 09/29/25 11:35
Acq On : 09/29/25 11:09 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.010	184	59727	80.6923	ng	54
67)	Dibenzofuran	7.160	168	528938	77.4554	ng	85
68)	2,4-Dinitrotoluene	7.130	165	131904	80.8071	ng	74
69)	4-Nitrophenol	7.048	65	102924	76.3001	ng	89
70)	2,3,4,6-Tetrachlorophenol	7.265	232	111822	75.3058	ng	82
71)	Fluorene	7.482	166	429947	76.5792	ng	98
72)	4-Chlorophenyl-phenyle...	7.474	204	212612	75.9158	ng	79
73)	Diethylphthalate	7.347	149	413565	78.4935	ng	94
74)	4-Nitroaniline	7.489	138	114537	81.2580	ng	91
75)	Atrazine	8.125	200	126966	78.6426	ng	90
77)	4,6-Dinitro-2-methylph...	7.519	198	81654	81.9748	ng	70
78)	n-Nitrosodiphenylamine	7.586	169	364629	76.9176	ng	98
80)	1,2-Diphenylhydrazine	7.631	77	579233	79.4274	ng	86
81)	4-Bromophenyl-phenylether	7.968	248	128991	74.6014	ng	77
82)	Hexachlorobenzene	8.028	284	147502	76.5143	ng	66
83)	N-Octadecane	8.305	57	335252	83.5215	ng	86
84)	Pentachlorophenol	8.230	266	94830	80.1142	ng	99
85)	Phenanthrene	8.469	178	620864	75.0081	ng	99
86)	Anthracene	8.529	178	631976	75.7659	ng	99
87)	Carbazole	8.701	167	595791	78.5117	ng	96
88)	Di-n-butylphthalate	9.083	149	693901	78.5623	ng	98
89)	Fluoranthene	9.816	202	673595	76.7183	ng	88
91)	Pyrene	10.085	202	722539	77.5924	ng	84
92)	Benzidine	9.973	184	372392	82.8432	ng	86
94)	4,4'-DDE	10.198	246	151100	78.8578	ng	92
95)	4,4'-DDD	10.602	235	283545	80.6341	ng	97
96)	Butylbenzylphthalate	10.863	149	305319	82.5520	ng	83
97)	4,4'-DDT	10.961	235	248211	81.1974	ng	99
98)	3,3'-Dichlorobenzidine	11.522	252	228380	80.3776	ng	95
99)	Benzo[a]anthracene	11.544	228	715061	77.7220	ng	99
100)	Chrysene	11.597	228	702432	77.8643	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.604	149	469133	82.6214	ng	91
103)	Di-n-octylphthalate	12.577	149	697445	83.1355	ng	98
104)	Benzo[b]fluoranthene	13.175	252	618826	75.4801	ng	91
105)	Benzo[k]fluoranthene	13.220	252	721851	81.8492	ng	92
106)	Benzo[a]pyrene	13.744	252	642175	81.6462	ng	90
107)	Indeno[1,2,3-cd]pyrene	15.719	276	571947m	73.8371	ng	
108)	Dibenzo[a,h]anthracene	15.764	278	615002	77.2834	ng	84
109)	Benzo[g,h,i]perylene	16.146	276	616660	77.5244	ng	91



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M002962.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 80PPM
Data File: 14M002962.D
Acq On : 09/29/25 11:09
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 11:35
Qtp Upd On: 08/04/25 15:12
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 120PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002961.D Sam Mult : 1 Vial# : 6 Qt On : 09/29/25 11:19
Acq On : 09/29/25 10:48 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.192	96	70271	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	80736	40.00	ng	0.00
31) Naphthalene-d8	5.529	136	300131	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	183356	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	346838	40.00	ng	0.00
90) Chrysene-d12	11.567	240	343572	40.00	ng	0.00
102) Perylene-d12	13.849	264	334263	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.472	112	274841	119.46	ng	0.00
Spiked Amount 100.000			Recovery = 119.46%			
16) Phenol-d5	4.227	99	386525	124.65	ng	0.00
Spiked Amount 100.000			Recovery = 124.65%			
32) Nitrobenzene-d5	4.983	128	69649	57.97	ng	0.00
Spiked Amount 50.000			Recovery = 115.94%			
55) 2-Fluorobiphenyl	6.375	172	328593	57.48	ng	0.00
Spiked Amount 50.000			Recovery = 114.96%			
79) 2,4,6-Tribromophenol	7.721	330	128299	124.56	ng	0.00
Spiked Amount 100.000			Recovery = 124.56%			
93) Terphenyl-d14	10.265	244	415285	58.86	ng	0.00
Spiked Amount 50.000			Recovery = 117.72%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.222	88	193452m	114.9651	ng	
9) Pyridine	2.476	79	584955	129.6744	ng	81
10) N-Nitrosodimethylamine	2.432	74	329276	121.4257	ng	83
12) Benzaldehyde	4.205	77	271754	118.9594	ng	84
13) Aniline	4.287	93	493979	131.7323	ng	53
14) Pentachloroethane	4.324	117	110585	120.0278	ng	80
15) bis(2-Chloroethyl)ether	4.332	93	325930	122.0053	ng	70
17) Phenol	4.242	94	428548	125.8949	ng	91
18) 2-Chlorophenol	4.377	128	283317	119.8459	ng	92
19) N-Decane	4.407	57	395858	130.0725	ng	98
20) 1,3-Dichlorobenzene	4.504	146	323518	119.7271	ng	96
22) 1,4-Dichlorobenzene	4.564	146	330547	115.6410	ng	98
23) 1,2-Dichlorobenzene	4.684	146	312632	114.7413	ng	98
24) Benzyl alcohol	4.646	108	208598	116.9436	ng	84
25) bis(2-chloroisopropyl)...	4.758	45	464964	122.9157	ng	94
26) 2-Methylphenol	4.729	108	283011	121.5073	ng	99
27) Acetophenone	4.863	105	462016	119.7156	ng	66
28) Hexachloroethane	4.945	117	144665	116.2109	ng	85
29) N-Nitroso-di-n-propyla...	4.856	70	256211	122.5520	ng	74
30) 3&4-Methylphenol	4.848	108	300772	120.4030	ng	95
33) Nitrobenzene	4.998	77	365941	122.1444	ng	87
34) Isophorone	5.177	82	658579	121.3801	ng	94
35) 2-Nitrophenol	5.237	139	158583	123.2303	ng	85
36) 2,4-Dimethylphenol	5.260	107	326160	120.3825	ng	99
37) Benzoic Acid	5.335	105	268886	108.5480	ng	47
38) bis(2-Chloroethoxy)met...	5.335	93	407621	118.6360	ng	97
39) 2,4-Dichlorophenol	5.417	162	251178	123.8881	ng	90
40) 1,2,4-Trichlorobenzene	5.484	180	277319	112.1113	ng	98
41) Naphthalene	5.552	128	880212	114.8623	ng	98
42) 4-Chloroaniline	5.581	127	339044m	120.6820	ng	
43) Hexachlorobutadiene	5.634	225	178261	113.0210	ng	97
44) Caprolactam	5.866	113	100265	130.4817	ng	69
45) 4-Chloro-3-methylphenol	5.948	107	275224	121.8763	ng	89
46) 2-Methylnaphthalene	6.083	142	534996	119.9087	ng	99
47) 1-Methylnaphthalene	6.165	142	552697	116.6529	ng	91
48) Methylnaphthalenes (To...	6.165	142	1086197m	236.3109	ng	
49) 1,1'-Biphenyl	6.464	154	708989	114.7606	ng	94
51) 1,2,4,5-Tetrachloroben...	6.217	216	314972	116.0318	ng	98
52) Hexachlorocyclopentadiene	6.202	237	227607	126.2522	ng	100
53) 2,4,6-Trichlorophenol	6.307	196	194904m	119.1954	ng	
54) 2,4,5-Trichlorophenol	6.337	196	205950m	118.3950	ng	
56) 2-Chloronaphthalene	6.487	162	558176	114.5523	ng	92
57) 1,4-Dimethylnaphthalene	6.771	156	437380	116.1984	ng	87
58) Dimethylnaphthalenes (...	6.771	156	437380	116.1984	ng	87
59) Diphenyl Ether	6.547	170	413418	116.5212	ng	84
60) 2-Nitroaniline	6.562	65	263078	125.1722	ng	81
61) Acenaphthylene	6.846	152	923032	122.1579	ng	99
62) Dimethylphthalate	6.711	163	644283	115.2344	ng	98
63) 2,6-Dinitrotoluene	6.771	165	150922	119.8078	ng	72
64) Acenaphthene	7.003	153	569168	114.1616	ng	96
65) 3-Nitroaniline	6.921	138	159138	119.8370	ng	93

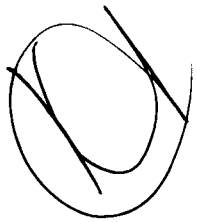
Quantitation Report (QT Reviewed)

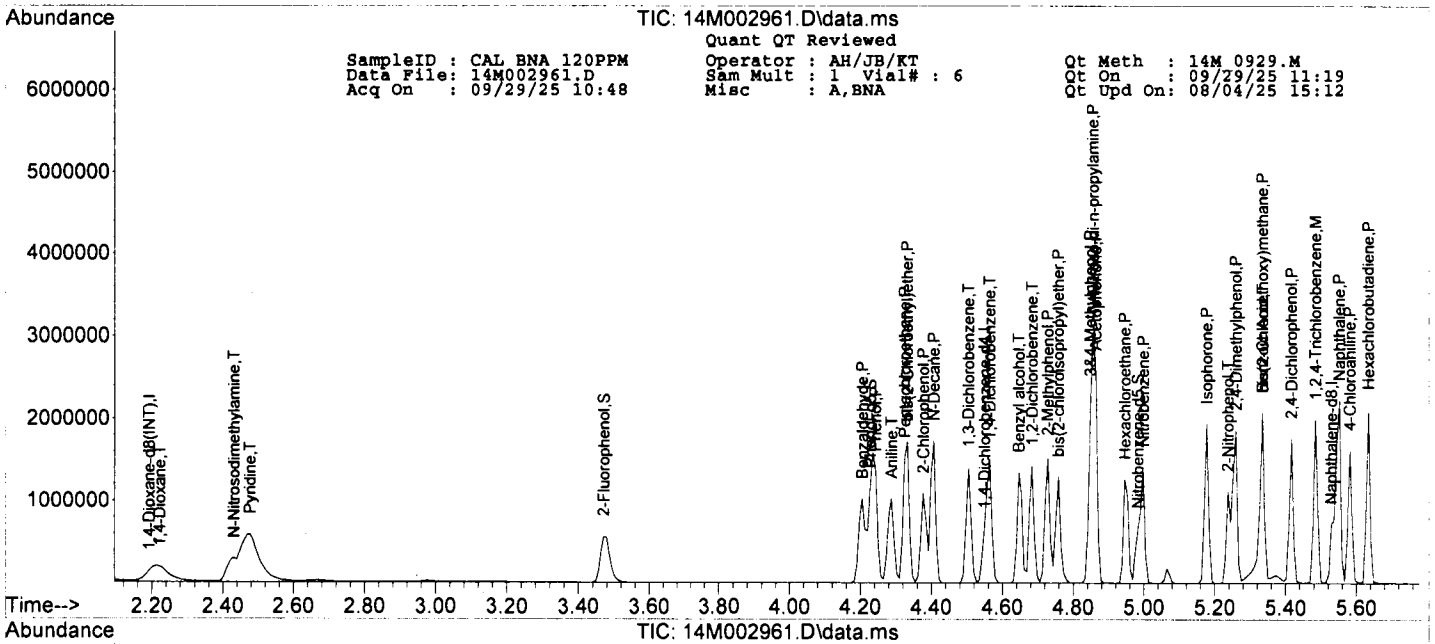
SampleID : CAL BNA 120PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002961.D Sam Mult : 1 Vial# : 6 Qt On : 09/29/25 11:19
Acq On : 09/29/25 10:48 Misc : A,BNA Qt Upd On: 08/04/25 15:12

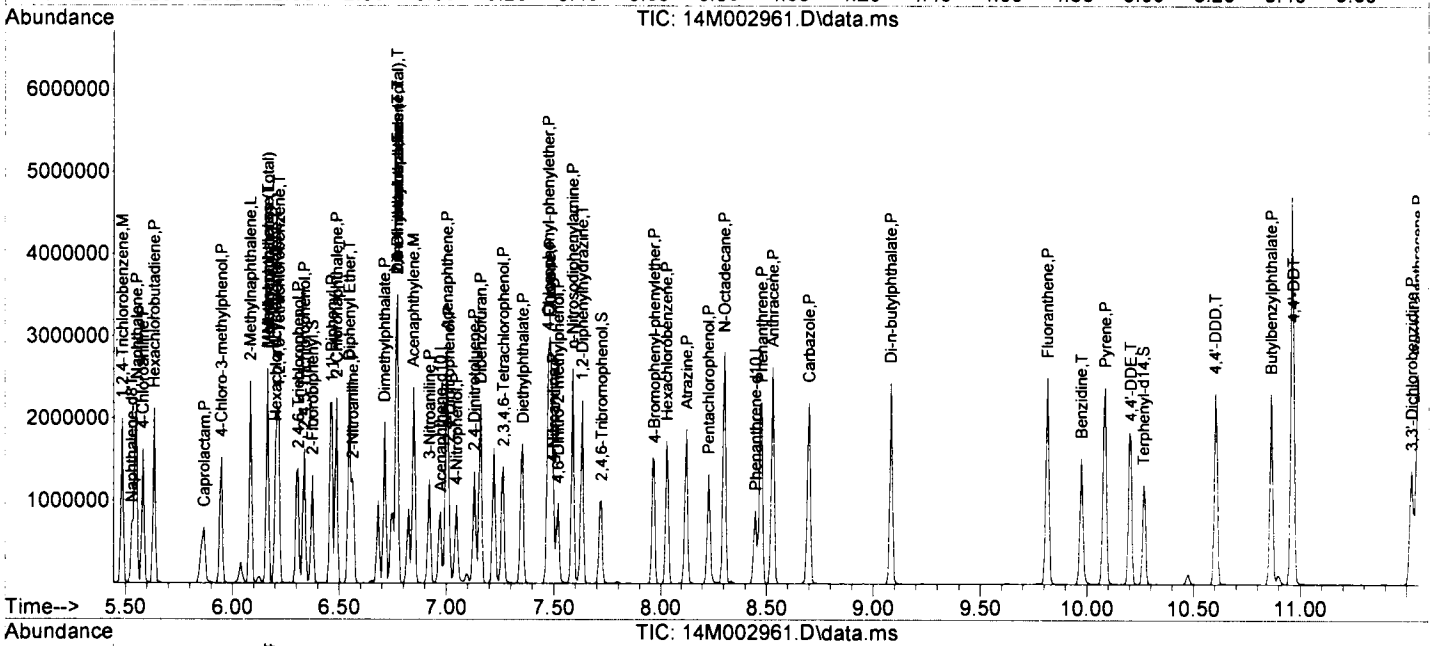
Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

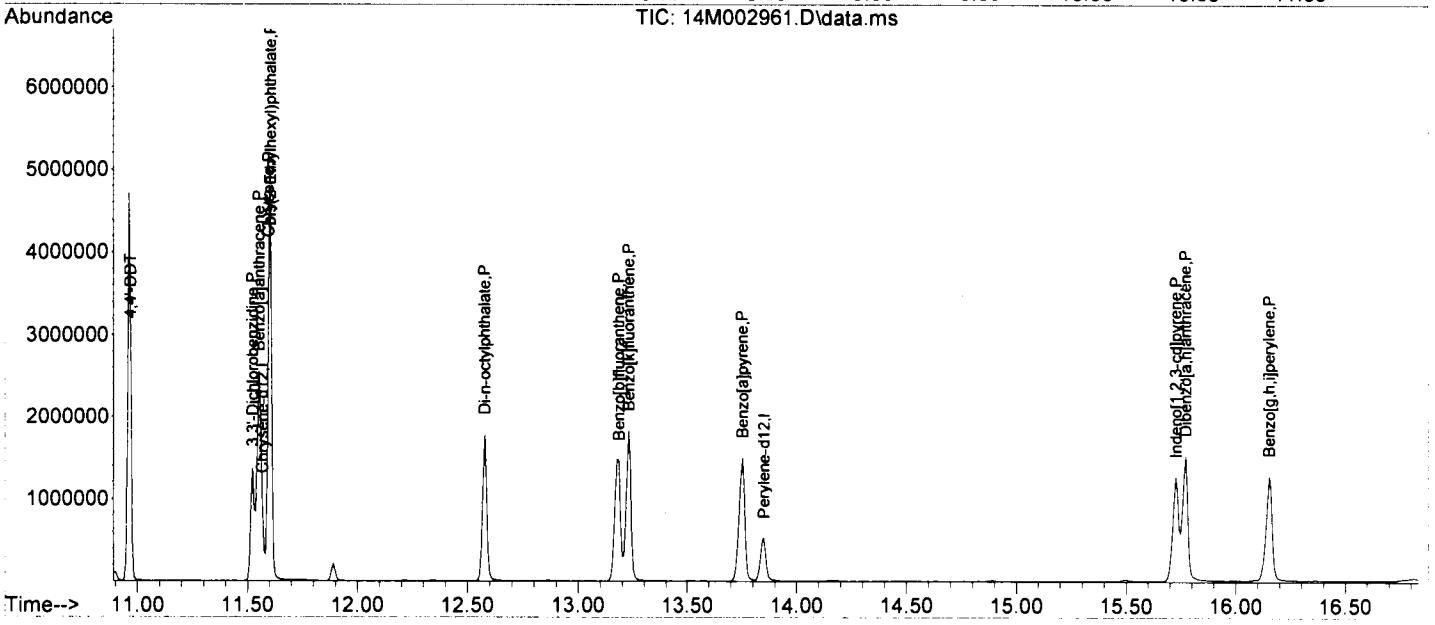
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.011	184	96526	118.8801	ng	64
67)	Dibenzofuran	7.160	168	812536	115.3003	ng	86
68)	2,4-Dinitrotoluene	7.130	165	208393	123.7131	ng	79
69)	4-Nitrophenol	7.048	65	162512	114.0396	ng	93
70)	2,3,4,6-Tetrachlorophenol	7.265	232	177992	116.1563	ng	83
71)	Fluorene	7.482	166	660118	113.9353	ng	98
72)	4-Chlorophenyl-phenyle...	7.474	204	333039	115.2340	ng	81
73)	Diethylphthalate	7.355	149	648952	119.3559	ng	94
74)	4-Nitroaniline	7.497	138	175378	120.5692	ng	92
75)	Atrazine	8.125	200	203956	122.4187	ng	94
77)	4,6-Dinitro-2-methylph...	7.519	198	129146	125.8726	ng	63
78)	n-Nitrosodiphenylamine	7.587	169	569198	116.5695	ng	98
80)	1,2-Diphenylhydrazine	7.632	77	898492	119.6131	ng	88
81)	4-Bromophenyl-phenylether	7.968	248	203778	114.4175	ng	79
82)	Hexachlorobenzene	8.028	284	227410	114.5253	ng	66
83)	N-Octadecane	8.305	57	529589	128.0894	ng	86
84)	Pentachlorophenol	8.230	266	152491	125.0706	ng	98
85)	Phenanthrene	8.477	178	971515	113.9485	ng	99
86)	Anthracene	8.529	178	996521	115.9863	ng	100
87)	Carbazole	8.701	167	920967	117.8235	ng	96
88)	Di-n-butylphthalate	9.083	149	1101314	121.0529	ng	99
89)	Fluoranthene	9.816	202	1061689	117.3937	ng	90
91)	Pyrene	10.086	202	1134266	115.0845	ng	86
92)	Benzidine	9.973	184	587823	123.5513	ng	88
94)	4,4'-DDE	10.205	246	245854	121.2277	ng	93
95)	4,4'-DDD	10.602	235	455357	122.3469	ng	97
96)	Butylbenzylphthalate	10.864	149	488797	124.8666	ng	86
97)	4,4'-DDT	10.969	235	401624	124.1324	ng	98
98)	3,3'-Dichlorobenzidine	11.522	252	344903	114.6881	ng	95
99)	Benzo[a]anthracene	11.552	228	1131678	116.2165	ng	98
100)	Chrysene	11.597	228	1076798	112.7749	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.605	149	765275	127.3380	ng	92
103)	Di-n-octylphthalate	12.577	149	1137610	127.3058	ng	99
104)	Benzo[b]fluoranthene	13.183	252	1023764	117.2310	ng	91
105)	Benzo[k]fluoranthene	13.228	252	1084432	115.4377	ng	91
106)	Benzo[a]pyrene	13.752	252	1027714	122.6686	ng	90
107)	Indeno[1,2,3-cd]pyrene	15.727	276	902279m	109.3549	ng	
108)	Dibenzo[a,h]anthracene	15.772	278	1013795	119.6020	ng	84
109)	Benzo[g,h,i]perylene	16.154	276	982356	115.9417	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 14M002961.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 120PPM
Data File: 14M002961.D
Acq On : 09/29/25 10:48
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 14M 0929.M
Qt On : 09/29/25 11:19
Qt Upd On: 08/04/25 15:12
1,4-Dioxane-d8(NT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
Naphthalene-d8,I
4-Chloroaniline,P
Hexachlorobutadiene,P
Time-->


Abundance
TIC: 14M002961.D\data.ms
Naphthalene-d8,I
1,2,4-Trichlorobenzene,M
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
2-Methylphenol,P
Hexachloroethane,P
2,4,6-Trichlorophenol,P
2-Fluorobiphenyl,S
2-Nitroaniline,P
Biphenyl Ether,I
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene-d10,I
4-Nitrophenol,P
Dibenzofuran,P
2,4-Dinitrotoluene,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Chlorophenyl-phenylether,P
1,2-Diphenylhydrazine,I
4-Nitroaniline,P
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 14M002961.D\data.ms
4,4'-DDT
3,3'-Dichlorobenzidine,P
Di-n-octylphthalate,P
Benzo(b)fluoranthene,P
Benzo(k)fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 160PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002959.D Sam Mult : 1 Vial# : 4 Qt On : 09/29/25 11:17
Acq On : 09/29/25 10:06 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.185	96	71026	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	77217	40.00	ng	0.00
31) Naphthalene-d8	5.536	136	284111	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	180321	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	326670	40.00	ng	0.00
90) Chrysene-d12	11.567	240	350822	40.00	ng	0.00
102) Perylene-d12	13.849	264	329660	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.471	112	353085	151.84	ng	0.00
Spiked Amount 100.000			Recovery = 151.84%			
16) Phenol-d5	4.235	99	479048	152.84	ng	0.00
Spiked Amount 100.000			Recovery = 152.84%			
32) Nitrobenzene-d5	4.983	128	88284	77.63	ng	0.00
Spiked Amount 50.000			Recovery = 155.26%			
55) 2-Fluorobiphenyl	6.374	172	420554	74.80	ng	0.00
Spiked Amount 50.000			Recovery = 149.60%			
79) 2,4,6-Tribromophenol	7.721	330	167920	173.09	ng	0.00
Spiked Amount 100.000			Recovery = 173.09%			
93) Terphenyl-d14	10.273	244	531153	73.73	ng	0.00
Spiked Amount 50.000			Recovery = 147.46%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.214	88	249544	146.7232	ng	89
9) Pyridine	2.469	79	709299	155.5679	ng	78
10) N-Nitrosodimethylamine	2.424	74	405996	148.1259	ng	77
12) Benzaldehyde	4.205	77	331255	143.4643	ng	81
13) Aniline	4.287	93	588525	155.2772	ng	47
14) Pentachloroethane	4.324	117	138077	148.2742	ng	82
15) bis(2-Chloroethyl)ether	4.332	93	383934	142.1902	ng	72
17) Phenol	4.242	94	526208	152.9414	ng	90
18) 2-Chlorophenol	4.377	128	360352	150.8122	ng	89
19) N-Decane	4.407	57	455746	148.1589	ng	96
20) 1,3-Dichlorobenzene	4.504	146	402821	147.4908	ng	97
22) 1,4-Dichlorobenzene	4.564	146	409543	149.8071	ng	98
23) 1,2-Dichlorobenzene	4.684	146	388149	148.9496	ng	98
24) Benzyl alcohol	4.654	108	258088	151.2824	ng	77
25) bis(2-chloroisopropyl)...	4.758	45	521487	144.1404	ng	91
26) 2-Methylphenol	4.728	108	348532	156.4574	ng	100
27) Acetophenone	4.863	105	595200	161.2541	ng	69
28) Hexachloroethane	4.945	117	179162	150.4816	ng	84
29) N-Nitroso-di-n-propyla...	4.863	70	328278	164.1794	ng	72
30) 3&4-Methylphenol	4.848	108	381877	159.8371	ng	91
33) Nitrobenzene	4.998	77	440416	155.2917	ng	88
34) Isophorone	5.177	82	818225	159.3070	ng	95
35) 2-Nitrophenol	5.237	139	208559	171.2035	ng	85
36) 2,4-Dimethylphenol	5.260	107	414130	161.4701	ng	98
37) Benzoic Acid	5.349	105	332266	138.3875	ng	43
38) bis(2-Chloroethoxy)met...	5.334	93	508520	156.3474	ng	96
39) 2,4-Dichlorophenol	5.417	162	317185	165.2659	ng	93
40) 1,2,4-Trichlorobenzene	5.484	180	350265	149.5854	ng	99
41) Naphthalene	5.551	128	1094732	150.9110	ng	98
42) 4-Chloroaniline	5.581	127	411042m	154.5594	ng	
43) Hexachlorobutadiene	5.634	225	224945	150.6614	ng	96
44) Caprolactam	5.873	113	127140	174.7854	ng	68
45) 4-Chloro-3-methylphenol	5.948	107	342006	159.9888	ng	92
46) 2-Methylnaphthalene	6.083	142	679347	160.8476	ng	96
47) 1-Methylnaphthalene	6.165	142	703792	156.9190	ng	89
48) Methylnaphthalenes (To...	6.165	142	1383004m	317.8494	ng	
49) 1,1'-Biphenyl	6.464	154	908738	155.3870	ng	95
51) 1,2,4,5-Tetrachloroben...	6.217	216	404393	151.4807	ng	97
52) Hexachlorocyclopentadiene	6.202	237	291392	164.3538	ng	99
53) 2,4,6-Trichlorophenol	6.307	196	247508m	153.9135	ng	
54) 2,4,5-Trichlorophenol	6.337	196	261574m	152.9026	ng	
56) 2-Chloronaphthalene	6.487	162	707929	147.7308	ng	92
57) 1,4-Dimethylnaphthalene	6.771	156	576467	155.7272	ng	90
58) Dimethylnaphthalenes (...	6.771	156	576467	155.7272	ng	90
59) Diphenyl Ether	6.547	170	533316	152.8442	ng	87
60) 2-Nitroaniline	6.569	65	344942	166.8854	ng	91
61) Acenaphthylene	6.853	152	1203113	161.9050	ng	99
62) Dimethylphthalate	6.719	163	817181	148.6184	ng	98
63) 2,6-Dinitrotoluene	6.771	165	194129	156.7011	ng	78
64) Acenaphthene	7.003	153	750869	153.1414	ng	96
65) 3-Nitroaniline	6.928	138	199799	152.9887	ng	89

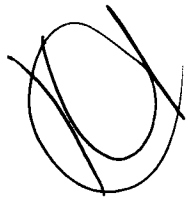
Quantitation Report (QT Reviewed)

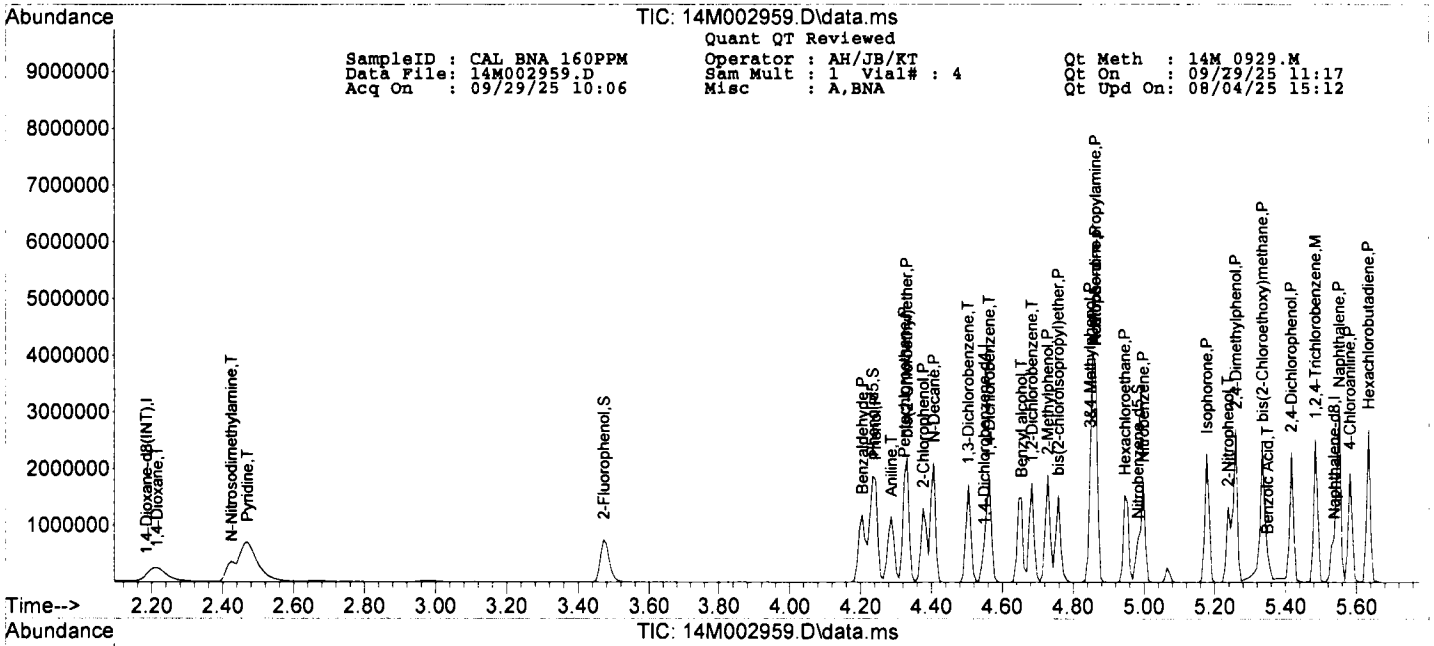
SampleID : CAL BNA 160PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002959.D Sam Mult : 1 Vial# : 4 Qt On : 09/29/25 11:17
Acq On : 09/29/25 10:06 Misc : A,BNA Qt Upd On: 08/04/25 15:12

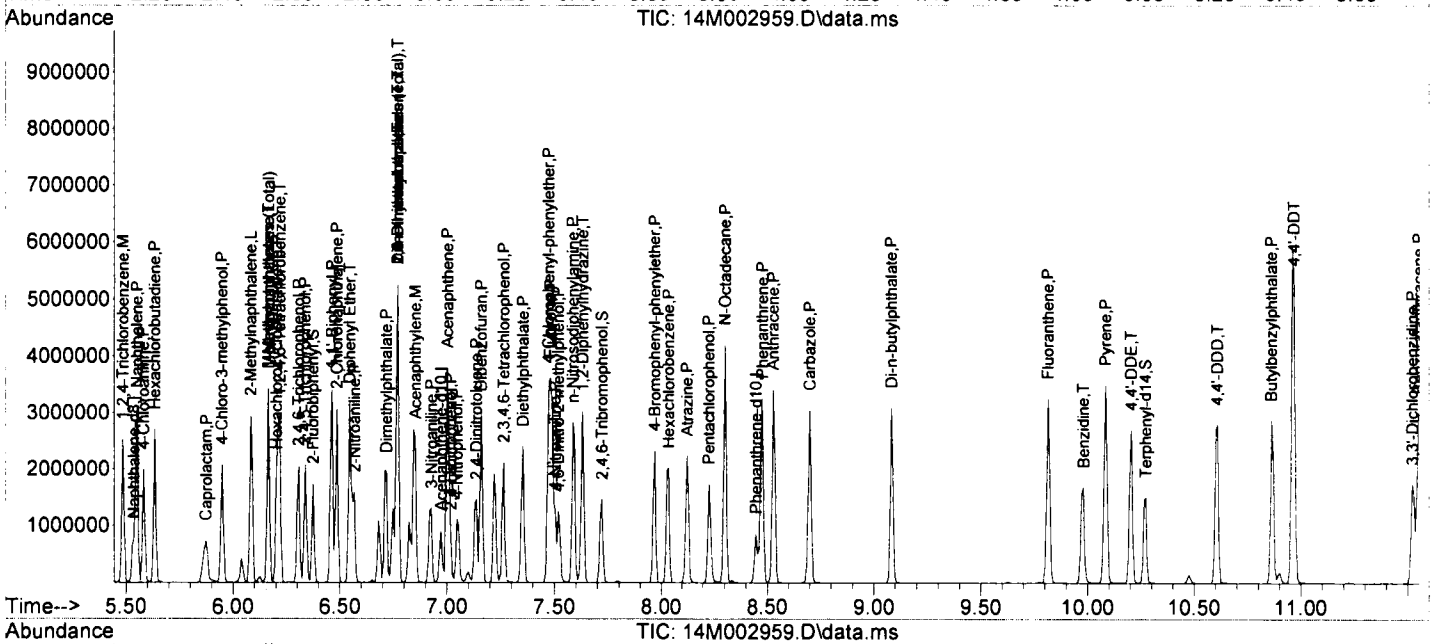
Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

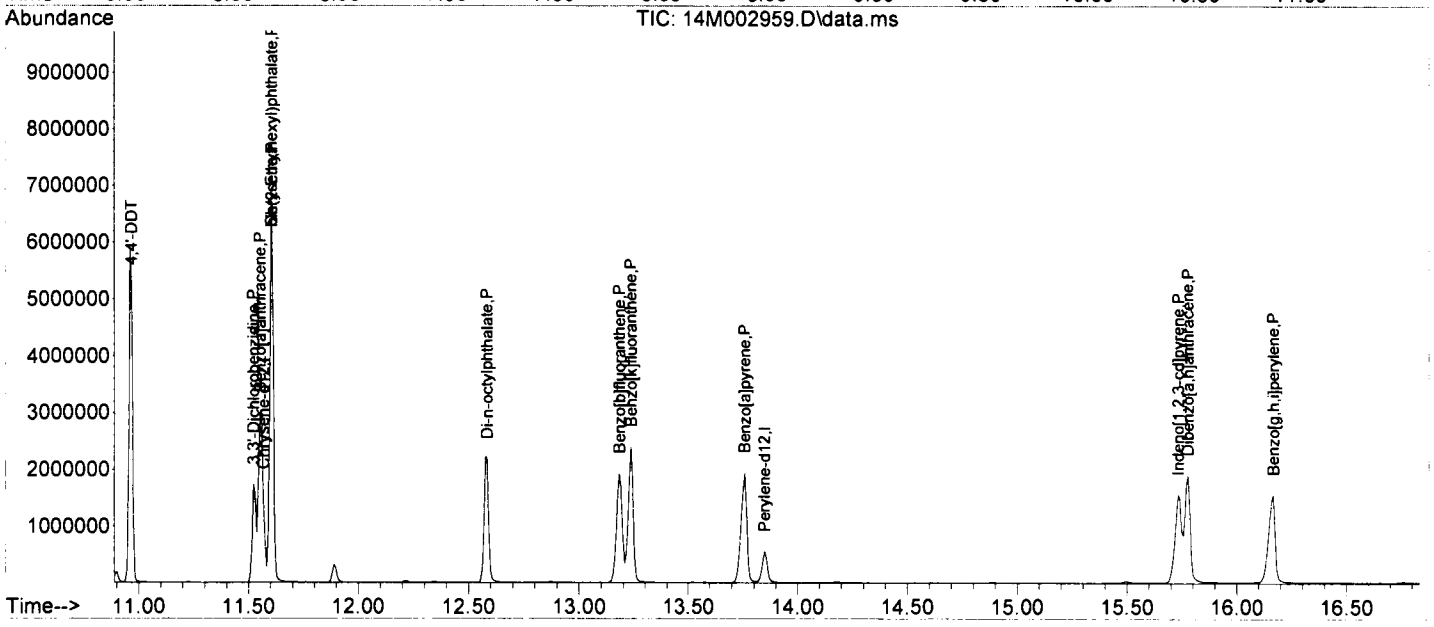
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 2,4-Dinitrophenol	7.018	184	126519	150.9326	ng	45
67) Dibenzofuran	7.160	168	1051827	151.7683	ng	87
68) 2,4-Dinitrotoluene	7.138	165	265478	160.2544	ng	72
69) 4-Nitrophenol	7.048	65	209713	146.6981	ng	96
70) 2,3,4,6-Tetrachlorophenol	7.265	232	231317	153.4966	ng	84
71) Fluorene	7.482	166	872331	153.0971	ng	99
72) 4-Chlorophenyl-phenyle...	7.474	204	428940	150.9145	ng	82
73) Diethylphthalate	7.355	149	827903	154.8315	ng	94
74) 4-Nitroaniline	7.504	138	235039	164.3047	ng	91
75) Atrazine	8.125	200	268882	164.1051	ng	94
77) 4,6-Dinitro-2-methylph...	7.519	198	168933	174.8164	ng	51
78) n-Nitrosodiphenylamine	7.587	169	748555	162.7657	ng	98
80) 1,2-Diphenylhydrazine	7.631	77	1195175	168.9325	ng	89
81) 4-Bromophenyl-phenylether	7.968	248	265230	158.1158	ng	81
82) Hexachlorobenzene	8.035	284	297978	159.3285	ng	58
83) N-Octadecane	8.305	57	701983	180.2678	ng	87
84) Pentachlorophenol	8.230	266	198050	172.4660	ng	97
85) Phenanthrene	8.477	178	1250733	155.7547	ng	100
86) Anthracene	8.529	178	1316983	162.7489	ng	98
87) Carbazole	8.701	167	1210028	164.3618	ng	97
88) Di-n-butylphthalate	9.083	149	1431431	167.0521	ng	99
89) Fluoranthene	9.816	202	1385477	162.6538	ng	91
91) Pyrene	10.086	202	1497821	148.8307	ng	87
92) Benzidine	9.981	184	734611	151.2130	ng	84
94) 4,4'-DDE	10.205	246	326206	157.5243	ng	92
95) 4,4'-DDD	10.609	235	597278	157.1623	ng	98
96) Butylbenzylphthalate	10.864	149	651254	162.9293	ng	88
97) 4,4'-DDT	10.968	235	550088	166.5055	ng	99
98) 3,3'-Dichlorobenzidine	11.522	252	435317	141.7613	ng	96
99) Benzo[a]anthracene	11.552	228	1496116	150.4669	ng	99
100) Chrysene	11.604	228	1490147	152.8405	ng	99
101) bis(2-Ethylhexyl)phtha...	11.604	149	1048285	170.8248	ng	94
103) Di-n-octylphthalate	12.585	149	1524186	172.9478	ng	99
104) Benzo[b]fluoranthene	13.183	252	1460046	169.5240	ng	92
105) Benzo[k]fluoranthene	13.236	252	1493812	161.2365	ng	92
106) Benzo[a]pyrene	13.759	252	1344954	162.7761	ng	90
107) Indeno[1,2,3-cd]pyrene	15.735	276	1211019m	148.8231	ng	
108) Dibenzo[a,h]anthracene	15.779	278	1324134	158.3953	ng	84
109) Benzo[g,h,i]perylene	16.169	276	1300966	155.6893	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 14M002959.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 160PPM
Data File: 14M002959.D
Acq On : 09/29/25 10:06
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 11:17
Qt Upd On: 08/04/25 15:12
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,T
2,4-Dimethylphenol,P
Benzoic Acid,T
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Time-->


Abundance
TIC: 14M002959.D\data.ms
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
2-Fluorobiphenyl,S
2-Chlorobiphenyl,P
2-Nitroaniline,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene,P
2,4-Dinitrotoluene,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Nitrophenol,P
2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 14M002959.D\data.ms
4,4'-DDT
3,3'-Dichlorobenzidine,P
Di-n-octylphthalate,P
Benzo(b)fluoranthene,P
Benzo(k)fluoranthene,P
Benzo(a)pyrene,P
Perylene-d12,I
Indeno(1,2,3-cd)pyrene,P
Dibenz(a,h)anthracene,P
Benzo(g,h,i)perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 196PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002960.D Sam Mult : 1 Vial# : 5 Qt On : 09/29/25 11:18
Acq On : 09/29/25 10:27 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.200	96	68195	40.00	ng	0.02
21) 1,4-Dichlorobenzene-d4	4.549	152	74685	40.00	ng	0.00
31) Naphthalene-d8	5.537	136	289441	40.00	ng	0.00
50) Acenaphthene-d10	6.973	164	183210	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	344107	40.00	ng	0.00
90) Chrysene-d12	11.567	240	351165	40.00	ng	0.00
102) Perylene-d12	13.849	264	354054	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.479	112	437970	196.17	ng	0.00
Spiked Amount 100.000			Recovery = 196.17%			
16) Phenol-d5	4.235	99	622770	206.95	ng	0.00
Spiked Amount 100.000			Recovery = 206.95%			
32) Nitrobenzene-d5	4.983	128	115713	99.87	ng	0.00
Spiked Amount 50.000			Recovery = 199.74%			
55) 2-Fluorobiphenyl	6.375	172	539437	94.44	ng	0.00
Spiked Amount 50.000			Recovery = 188.88%			
79) 2,4,6-Tribromophenol	7.721	330	221887	217.13	ng	0.00
Spiked Amount 100.000			Recovery = 217.13%			
93) Terphenyl-d14	10.273	244	703936	97.62	ng	0.00
Spiked Amount 50.000			Recovery = 195.24%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.215	88	305445m	187.0464	ng	
9) Pyridine	2.476	79	900712	205.7508	ng	80
10) N-Nitrosodimethylamine	2.431	74	513299	195.0494	ng	78
12) Benzaldehyde	4.205	77	412297	185.9758	ng	84
13) Aniline	4.287	93	748880	205.7879	ng	50
14) Pentachloroethane	4.332	117	183643	205.3920	ng	81
15) bis(2-Chloroethyl)ether	4.332	93	526290m	203.0032	ng	
17) Phenol	4.242	94	694588	210.2614	ng	97
18) 2-Chlorophenol	4.377	128	463845	202.1842	ng	93
19) N-Decane	4.407	57	646591	218.9270	ng	99
20) 1,3-Dichlorobenzene	4.504	146	520334m	198.4265	ng	
22) 1,4-Dichlorobenzene	4.564	146	522635	197.6564	ng	99
23) 1,2-Dichlorobenzene	4.684	146	505590	200.5944	ng	98
24) Benzyl alcohol	4.654	108	338287	205.0149	ng	84
25) bis(2-chloroisopropyl)...	4.758	45	764212	218.3915	ng	94
26) 2-Methylphenol	4.728	108	468982	217.6652	ng	99
27) Acetophenone	4.863	105	775459	217.2132	ng	72
28) Hexachloroethane	4.953	117	236874	205.7001	ng	92
29) N-Nitroso-di-n-propyla...	4.863	70	430976	222.8485	ng	73
30) 3&4-Methylphenol	4.856	108	505612	218.8019	ng	97
33) Nitrobenzene	4.998	77	597399	206.7654	ng	91
34) Isophorone	5.177	82	1098817	209.9982	ng	96
35) 2-Nitrophenol	5.245	139	268774	216.5704	ng	91
36) 2,4-Dimethylphenol	5.260	107	550838	210.8179	ng	98
37) Benzoic Acid	5.357	105	477198	187.8223	ng	42
38) bis(2-Chloroethoxy)met...	5.335	93	682377	205.9373	ng	97
39) 2,4-Dichlorophenol	5.417	162	422708	216.1917	ng	93
40) 1,2,4-Trichlorobenzene	5.484	180	468951	196.5839	ng	98
41) Naphthalene	5.551	128	1438670	194.6715	ng	98
42) 4-Chloroaniline	5.581	127	508175m	187.5645	ng	
43) Hexachlorobutadiene	5.634	225	298484	196.2342	ng	95
44) Caprolactam	5.881	113	167922	226.5994	ng	68
45) 4-Chloro-3-methylphenol	5.948	107	466224	214.0811	ng	94
46) 2-Methylnaphthalene	6.083	142	892661	207.4614	ng	97
47) 1-Methylnaphthalene	6.165	142	925345	202.5177	ng	90
48) Methylnaphthalenes (To...	6.165	142	1818105m	410.1521	ng	
49) 1,1'-Biphenyl	6.464	154	1175911	197.3688	ng	95
51) 1,2,4,5-Tetrachloroben...	6.217	216	525476	193.7331	ng	97
52) Hexachlorocyclopentadiene	6.210	237	388929	215.9085	ng	98
53) 2,4,6-Trichlorophenol	6.307	196	325162m	199.0144	ng	
54) 2,4,5-Trichlorophenol	6.345	196	317995	182.9522	ng	99
56) 2-Chloronaphthalene	6.487	162	914538	187.8366	ng	94
57) 1,4-Dimethylnaphthalene	6.771	156	735273	195.4951	ng	91
58) Dimethylnaphthalenes (...	6.771	156	735273	195.4951	ng	91
59) Diphenyl Ether	6.547	170	683796	192.8804	ng	88
60) 2-Nitroaniline	6.569	65	448369	213.5035	ng	85
61) Acenaphthylene	6.853	152	1523704	201.8141	ng	98
62) Dimethylphthalate	6.719	163	1072957	192.0586	ng	98
63) 2,6-Dinitrotoluene	6.771	165	252724	200.7822	ng	83
64) Acenaphthene	7.003	153	944859	189.6674	ng	96
65) 3-Nitroaniline	6.928	138	246333	185.6460	ng	94

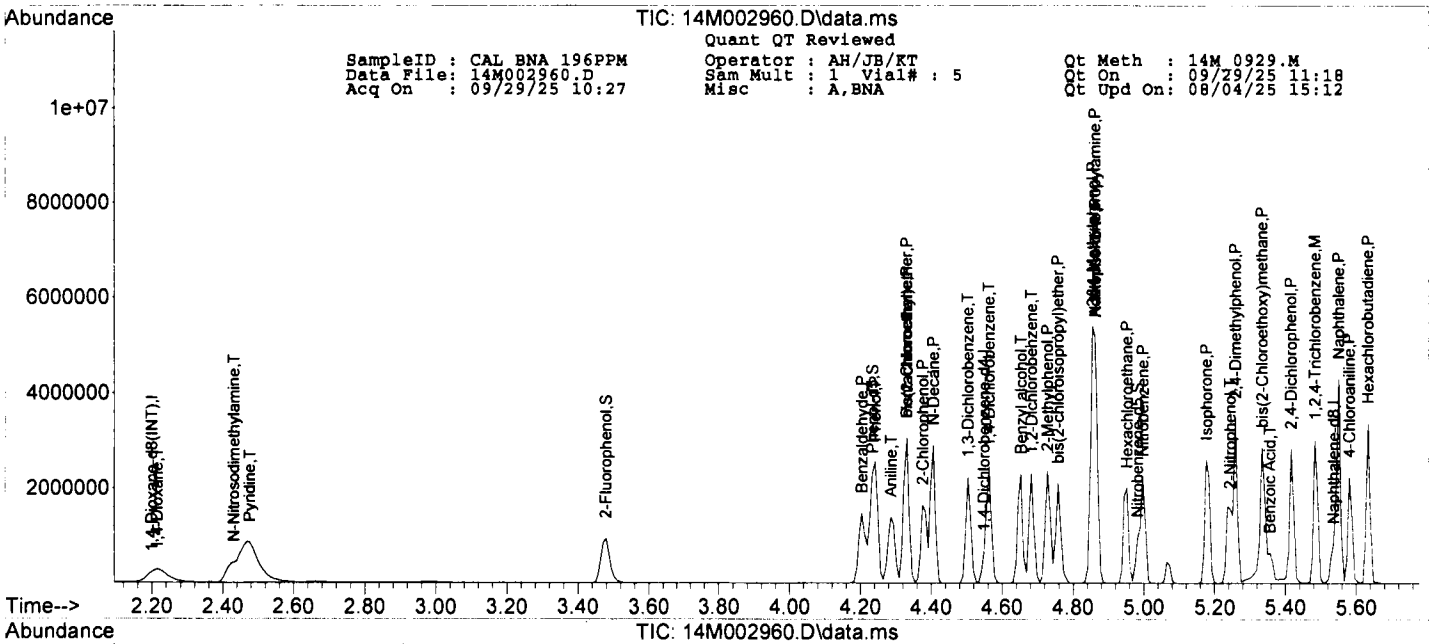
Quantitation Report (QT Reviewed)

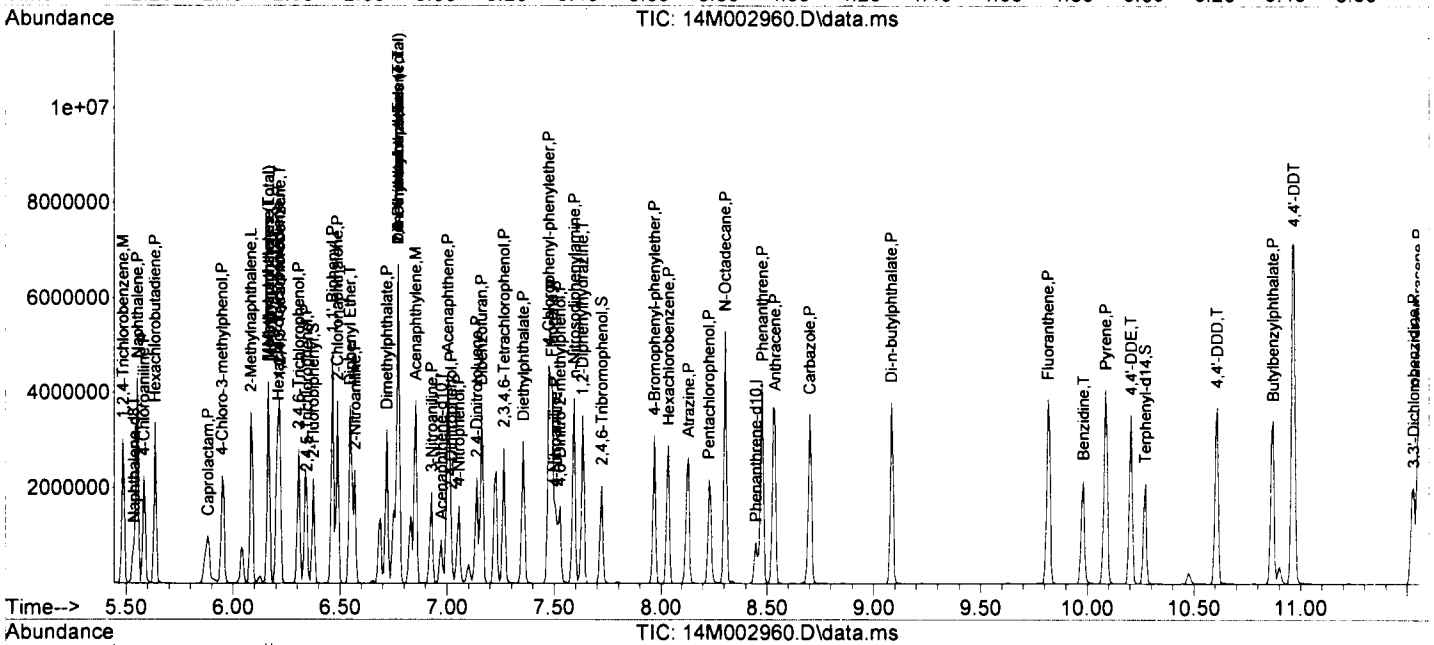
SampleID : CAL BNA 196PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002960.D Sam Mult : 1 Vial# : 5 Qt On : 09/29/25 11:18
Acq On : 09/29/25 10:27 Misc : A,BNA Qt Upd On: 08/04/25 15:12

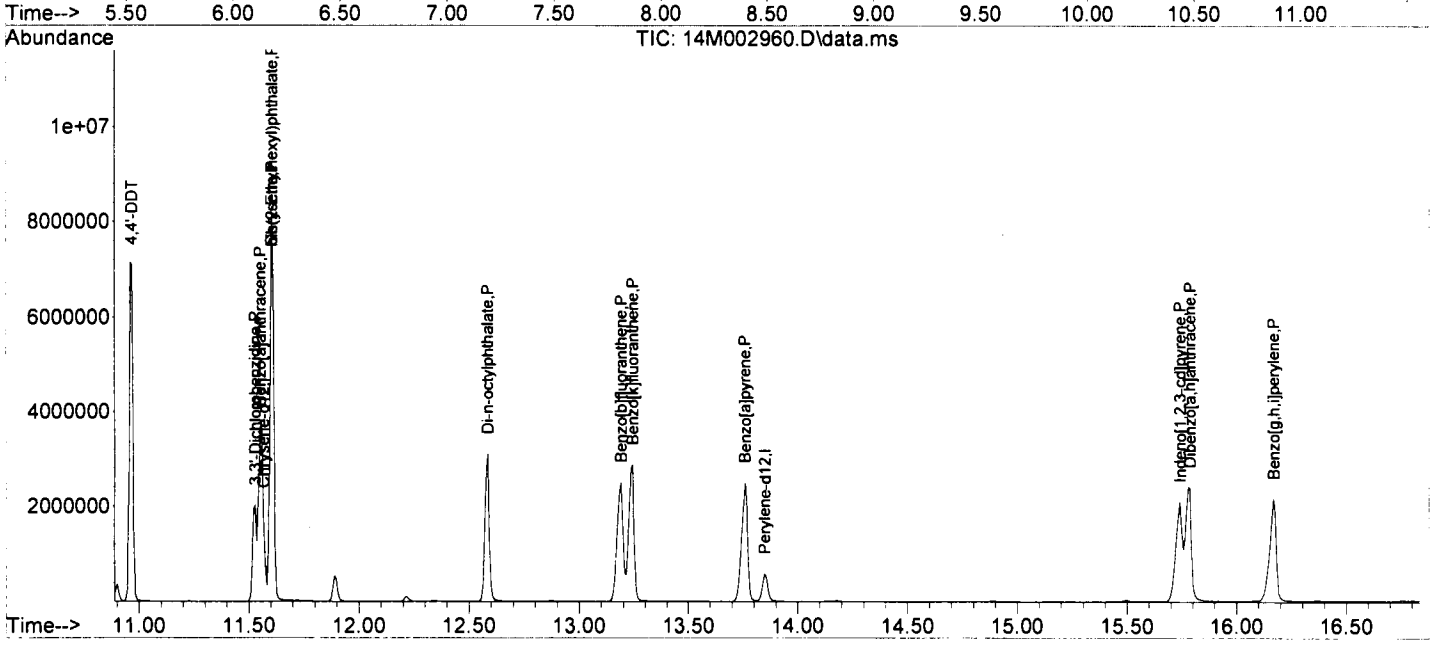
Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.018	184	166803	186.1564	ng	50
67)	Dibenzofuran	7.160	168	1351988	192.0024	ng	87
68)	2,4-Dinitrotoluene	7.138	165	340688	202.4116	ng	79
69)	4-Nitrophenol	7.055	65	275490	185.3591	ng	90
70)	2,3,4,6-Tetrachlorophenol	7.265	232	309019	201.8243	ng	83
71)	Fluorene	7.489	166	1121034	193.6429	ng	99
72)	4-Chlorophenyl-phenyle...	7.474	204	559042	193.5868	ng	83
73)	Diethylphthalate	7.355	149	1075023	197.8768	ng	95
74)	4-Nitroaniline	7.504	138	296874	204.2581	ng	95
75)	Atrazine	8.133	200	349192	209.7595	ng	92
77)	4,6-Dinitro-2-methylph...	7.527	198	220117	216.2404	ng	61
78)	n-Nitrosodiphenylamine	7.594	169	953593	196.8421	ng	98
80)	1,2-Diphenylhydrazine	7.632	77	1509693	202.5752	ng	90
81)	4-Bromophenyl-phenylether	7.968	248	346006	195.8177	ng	80
82)	Hexachlorobenzene	8.036	284	384862	195.3575	ng	61
83)	N-Octadecane	8.305	57	904935	220.6097	ng	87
84)	Pentachlorophenol	8.230	266	270711	223.7949	ng	99
85)	Phenanthrene	8.477	178	1607658	190.0579	ng	99
86)	Anthracene	8.537	178	1680601	197.1597	ng	99
87)	Carbazole	8.701	167	1538217	198.3530	ng	97
88)	Di-n-butylphthalate	9.083	149	1879787	208.2600	ng	99
89)	Fluoranthene	9.816	202	1811627	201.9061	ng	93
91)	Pyrene	10.086	202	1948942	193.4671	ng	89
92)	Benzidine	9.981	184	895115	184.0714	ng	86
94)	4,4'-DDE	10.205	246	423782	204.4437	ng	93
95)	4,4'-DDD	10.609	235	791645	208.1029	ng	98
96)	Butylbenzylphthalate	10.871	149	856779	214.1377	ng	79
97)	4,4'-DDT	10.969	235	712485	215.4506	ng	99
98)	3,3'-Dichlorobenzidine	11.530	252	527021	171.4572	ng	95
99)	Benzo[a]anthracene	11.552	228	1950481	195.9716	ng	98
100)	Chrysene	11.605	228	1919682	196.7044	ng	100
101)	bis(2-Ethylhexyl)phtha...	11.605	149	1324404	215.6094	ng	93
103)	Di-n-octylphthalate	12.585	149	2034789	214.9776	ng	100
104)	Benzo[b]fluoranthene	13.191	252	1894247	204.7849	ng	92
105)	Benzo[k]fluoranthene	13.243	252	1956940	196.6716	ng	91
106)	Benzo[a]pyrene	13.759	252	1802875	203.1634	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.742	276	1674427m	191.5942	ng	
108)	Dibenzo[a,h]anthracene	15.787	278	1799879	200.4704	ng	84
109)	Benzo[g,h,i]perylene	16.169	276	1749542	194.9459	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M002960.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 196PPM
Data File: 14M002960.D
Acq On : 09/29/25 10:27
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 11:18
Qt Upd On: 08/04/25 15:12
1e+07
8000000
6000000
4000000
2000000
Time-->
2.20 2.40 2.60 2.80 3.00 3.20 3.40 3.60 3.80 4.00 4.20 4.40 4.60 4.80 5.00 5.20 5.40 5.60
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,T
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P


Abundance
TIC: 14M002960.D\data.ms
1e+07
8000000
6000000
4000000
2000000
Time-->
5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50 11.00
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
2-Nitroaniline,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene,P
2,4-Dinitrophenol,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
3,3'-Dichlorobenzidine,P


Abundance
TIC: 14M002960.D\data.ms
1e+07
8000000
6000000
4000000
2000000
Time-->
11.00 11.50 12.00 12.50 13.00 13.50 14.00 14.50 15.00 15.50 16.00 16.50
4,4'-DDT
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 0.5PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002965.D Sam Mult : 1 Vial# : 10 Qt On : 09/29/25 12:58
Acq On : 09/29/25 12:12 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

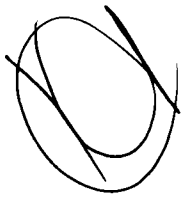
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.184	96	70167	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.549	152	77314	40.00	ng	0.00
31) Naphthalene-d8	5.529	136	284571	40.00	ng	0.00
50) Acenaphthene-d10	6.966	164	174261	40.00	ng	0.00
76) Phenanthrene-d10	8.447	188	333473	40.00	ng	0.00
90) Chrysene-d12	11.560	240	313311	40.00	ng	0.00
102) Perylene-d12	13.842	264	313783	40.00	ng	-0.01
System Monitoring Compounds						
11) 2-Fluorophenol	0.000	112	0	0.00	ng	
Spiked Amount 100.000			Recovery =	0.00%		
16) Phenol-d5	0.000	99	0d	0.00	ng	
Spiked Amount 100.000			Recovery =	0.00%		
32) Nitrobenzene-d5	0.000	128	0	0.00	ng	
Spiked Amount 50.000			Recovery =	0.00%		
55) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
Spiked Amount 50.000			Recovery =	0.00%		
79) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
Spiked Amount 100.000			Recovery =	0.00%		
93) Terphenyl-d14	0.000	244	0d	0.00	ng	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
8) 1,4-Dioxane	2.199	88	913m	0.5434	ng	
9) Pyridine	0.000		0	N.D. d		
10) N-Nitrosodimethylamine	0.000		0	N.D. d		
12) Benzaldehyde	0.000		0	N.D. d		
13) Aniline	4.279	93	1752m	0.4679	ng	
14) Pentachloroethane	0.000		0	N.D. d		
15) bis(2-Chloroethyl)ether	4.324	93	1256m	0.4709	ng	
17) Phenol	0.000		0	N.D. d		
18) 2-Chlorophenol	0.000		0	N.D. d		
19) N-Decane	0.000		0	N.D. d		
20) 1,3-Dichlorobenzene	0.000		0	N.D. d		
22) 1,4-Dichlorobenzene	0.000		0	N.D. d		
23) 1,2-Dichlorobenzene	0.000		0	N.D. d		
24) Benzyl alcohol	0.000		0	N.D. d		
25) bis(2-chloroisopropyl)...	0.000		0	N.D. d		
26) 2-Methylphenol	4.721	108	1053	0.4721	ng	84
27) Acetophenone	0.000		0	N.D. d		
28) Hexachloroethane	0.000		0	N.D. d		
29) N-Nitroso-di-n-propyla...	4.848	70	735	0.3671	ng	72
30) 3&4-Methylphenol	4.841	108	1065	0.4452	ng	96
33) Nitrobenzene	4.990	77	1244	0.4379	ng	88
34) Isophorone	0.000		0	N.D. d		
35) 2-Nitrophenol	0.000		0	N.D. d		
36) 2,4-Dimethylphenol	5.252	107	1051m	0.4091	ng	
37) Benzoic Acid	0.000		0	N.D.		
38) bis(2-Chloroethoxy)met...	0.000		0	N.D. d		
39) 2,4-Dichlorophenol	5.417	162	615	0.3199	ng	78
40) 1,2,4-Trichlorobenzene	0.000		0	N.D. d		
41) Naphthalene	0.000		0	N.D. d		
42) 4-Chloroaniline	0.000		0	N.D. d		
43) Hexachlorobutadiene	0.000		0	N.D. d		
44) Caprolactam	0.000		0	N.D.		
45) 4-Chloro-3-methylphenol	0.000		0	N.D. d		
46) 2-Methylnaphthalene	0.000		0	N.D. d		
47) 1-Methylnaphthalene	0.000		0	N.D. d		
48) Methylnaphthalenes (To...	0.000		0	N.D. d		
49) 1,1'-Biphenyl	0.000		0	N.D. d		
51) 1,2,4,5-Tetrachloroben...	0.000		0	N.D. d		
52) Hexachlorocyclopentadiene	0.000		0	N.D.		
53) 2,4,6-Trichlorophenol	0.000		0	N.D. d		
54) 2,4,5-Trichlorophenol	0.000		0	N.D. d		
56) 2-Chloronaphthalene	0.000		0	N.D. d		
57) 1,4-Dimethylnaphthalene	0.000		0	N.D. d		
58) Dimethylnaphthalenes (...	0.000		0	N.D. d		
59) Diphenyl Ether	0.000		0	N.D. d		
60) 2-Nitroaniline	0.000		0	N.D. d		
61) Acenaphthylene	0.000		0	N.D. d		
62) Dimethylphthalate	0.000		0	N.D. d		
63) 2,6-Dinitrotoluene	0.000		0	N.D. d		
64) Acenaphthene	0.000		0	N.D. d		
65) 3-Nitroaniline	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

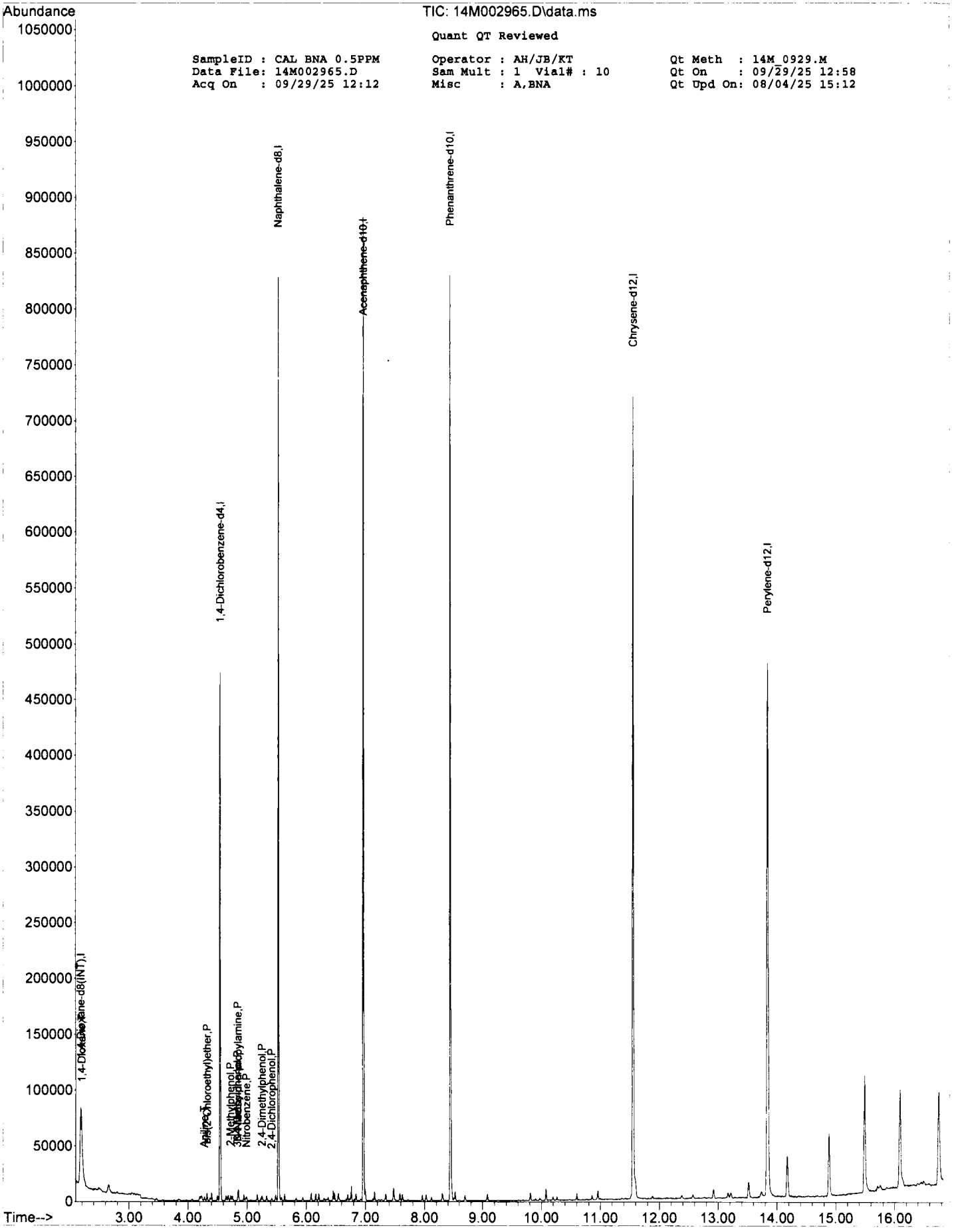
SampleID : CAL BNA 0.5PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M002965.D Sam Mult : 1 Vial# : 10 Qt On : 09/29/25 12:58
Acq On : 09/29/25 12:12 Misc : A,BNA Qt Upd On: 08/04/25 15:12

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	0.000		0	N.D.		
67)	Dibenzofuran	0.000		0	N.D.	d	
68)	2,4-Dinitrotoluene	0.000		0	N.D.	d	
69)	4-Nitrophenol	0.000		0	N.D.	d	
70)	2,3,4,6-Tetrachlorophenol	0.000		0	N.D.	d	
71)	Fluorene	0.000		0	N.D.	d	
72)	4-Chlorophenyl-phenyle...	0.000		0	N.D.	d	
73)	Diethylphthalate	0.000		0	N.D.	d	
74)	4-Nitroaniline	0.000		0	N.D.		
75)	Atrazine	0.000		0	N.D.	d	
77)	4,6-Dinitro-2-methylph...	0.000		0	N.D.		
78)	n-Nitrosodiphenylamine	0.000		0	N.D.	d	
80)	1,2-Diphenylhydrazine	0.000		0	N.D.	d	
81)	4-Bromophenyl-phenylether	0.000		0	N.D.	d	
82)	Hexachlorobenzene	0.000		0	N.D.	d	
83)	N-Octadecane	0.000		0	N.D.	d	
84)	Pentachlorophenol	0.000		0	N.D.	d	
85)	Phenanthrene	0.000		0	N.D.	d	
86)	Anthracene	0.000		0	N.D.	d	
87)	Carbazole	0.000		0	N.D.	d	
88)	Di-n-butylphthalate	0.000		0	N.D.	d	
89)	Fluoranthene	0.000		0	N.D.	d	
91)	Pyrene	0.000		0	N.D.	d	
92)	Benzidine	0.000		0	N.D.	d	
94)	4,4'-DDE	0.000		0	N.D.	d	
95)	4,4'-DDD	0.000		0	N.D.	d	
96)	Butylbenzylphthalate	0.000		0	N.D.	d	
97)	4,4'-DDT	0.000		0	N.D.	d	
98)	3,3'-Dichlorobenzidine	0.000		0	N.D.	d	
99)	Benzo[a]anthracene	0.000		0	N.D.	d	
100)	Chrysene	0.000		0	N.D.	d	
101)	bis(2-Ethylhexyl)phtha...	0.000		0	N.D.	d	
103)	Di-n-octylphthalate	0.000		0	N.D.	d	
104)	Benzo[b]fluoranthene	0.000		0	N.D.	d	
105)	Benzo[k]fluoranthene	0.000		0	N.D.	d	
106)	Benzo[a]pyrene	0.000		0	N.D.	d	
107)	Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
108)	Dibenzo[a,h]anthracene	0.000		0	N.D.	d	
109)	Benzo[g,h,i]perylene	0.000		0	N.D.	d	



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M002965.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 0.5PPM
Data File: 14M002965.D
Acq On : 09/29/25 12:12
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 09/29/25 12:58
Qt Upd On: 08/04/25 15:12
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Chrysene-d12,I
Perylene-d12,I
1,4-Dichlorobenzene-d4,I
Nitrobenzene,P
2,4-Dimethylphenol,P
2,4-Dichlorophenol,P
Time-->

5112647 0329

Form 6
Initial Calibration

Method: EPA 8270E

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M147177.D	CAL BNA 50PPM	11/10/25 11:48	2	7M147178.D	CAL BNA 2PPM	11/10/25 12:10
3	7M147179.D	CAL BNA 10PPM	11/10/25 12:32	4	7M147173.D	CAL BNA 20PPM	11/10/25 10:19
5	7M147172.D	CAL BNA 80PPM	11/10/25 09:57	6	7M147171.D	CAL BNA 120PPM	11/10/25 09:35
7	7M147170.D	CAL BNA 160PPM	11/10/25 09:13	8	7M147169.D	CAL BNA 196PPM	11/10/25 08:51
9	7M147176.D	CAL BNA 0.5PPM	11/10/25 11:26				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
1,4-Dioxane	1	0	Avg	1.0168	1.2464	1.0416	1.1481	1.0062	0.9657	0.9447	1.0000	0.9821	1.04	2.24	0.998	0.998	9.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Pyridine	1	0	Avg	2.3324	2.5270	2.2797	2.4144	2.1160	2.2226	2.1528	2.2096	-----	2.28	2.50	0.999	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	1.3568	1.3270	1.3605	1.4258	1.3491	1.3398	1.3067	1.3676	-----	1.35	2.45	0.999	0.999	2.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	2.1630	2.6653	2.2957	2.3240	1.9745	2.1457	2.0478	2.1495	-----	2.22	3.50	0.998	0.998	9.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Avg	1.9958	2.0171	1.8928	2.2051	1.9909	1.8624	1.7593	1.7699	-----	1.94	4.23	0.994	0.997	7.6	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Aniline	1	0	Avg	3.1219	3.8635	3.3246	3.5431	2.9600	2.6412	2.4113	2.5243	4.2709	3.18	4.32	0.989	0.998	20		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Pentachloroethane	1	0	Avg	0.7746	0.8260	0.8260	0.8502	0.7534	0.7042	0.6887	0.6935	-----	0.765	4.36	0.999	0.999	8.5	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.9637	2.2979	2.0491	2.2174	1.8978	1.8087	1.6924	1.7491	2.8988	2.06	4.36	0.998	0.998	18	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Phenol-d5	1	0	Avg	2.7412	3.5084	2.8113	2.9756	2.7003	2.4833	2.3391	2.3753	-----	2.74	4.26	0.997	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	2.6967	3.0998	2.7285	2.9564	2.6322	2.2908	2.1547	2.2817	-----	2.61	4.28	0.992	0.997	13	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	2.2638	2.5493	2.3313	2.5229	2.2002	2.0446	1.9712	2.0431	-----	2.24	4.41	0.997	0.999	9.8	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	1.8248	2.3309	1.8952	2.0220	1.6940	1.4911	1.4222	1.5397	-----	1.78	4.44	0.993	0.993	17	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,3-Dichlorobenzene	1	0	Avg	2.5620	3.2147	2.7748	2.8341	2.5853	2.3631	2.2670	2.3213	-----	2.62	4.54	0.998	0.998	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dichlorobenzene	1	0	Avg	1.2966	1.4058	1.2716	1.3424	1.2834	1.3042	1.2852	1.3260	-----	1.31	4.60	1.00	1.00	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Dichlorobenzene	1	0	Avg	1.2206	1.3999	1.2520	1.2676	1.2149	1.2225	1.1780	1.2327	-----	1.25	4.72	0.999	0.999	5.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.7321	0.7727	0.7153	0.7496	0.7195	0.7274	0.6700	0.7082	-----	0.724	4.69	0.998	0.998	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)e	1	0	Avg	0.9873	1.1115	0.9874	1.0414	0.9235	0.8594	0.8007	0.9288	-----	0.955	4.79	0.994	0.995	10	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	0.9821	1.1286	0.9648	1.0096	0.9361	0.9151	0.8865	0.9640	1.1586	0.994	4.76	0.997	0.998	9.3	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Acetophenone	1	0	Avg	1.7460	1.7857	1.6560	1.8147	1.6111	1.4935	1.4289	1.5716	-----	1.64	4.90	0.996	0.997	8.5	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.4517	0.5563	0.4425	0.4635	0.4455	0.4467	0.4363	0.4634	-----	0.463	4.99	0.998	0.999	8.4	0.30	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.7177	0.7653	0.7134	0.7601	0.6490	0.5727	0.5372	0.6025	0.9646	0.698	4.89	0.987	0.997	18	0.50	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
3&4-Methylphenol	1	0	Avg	1.0396	1.1047	1.0299	1.0840	1.0100	0.9887	0.9236	0.9969	1.4604	1.07	4.89	0.997	0.997	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Nitrobenzene-d5	1	0	Avg	0.1446	0.1565	0.1463	0.1479	0.1457	0.1427	0.1463	0.1544	-----	0.148	5.02	0.999	0.999	3.3		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.2756	0.3113	0.2748	0.3000	0.2733	0.2558	0.2572	0.2818	0.3889	0.291	5.03	0.996	0.997	14	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Isophorone	1	0	Avg	0.5278	0.5384	0.5088	0.5505	0.5156	0.5078	0.4637	0.4590	-----	0.509	5.22	0.996	0.999	6.4	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1612	0.1637	0.1550	0.1689	0.1684	0.1706	0.1628	0.1589	-----	0.164	5.28	0.999	0.999	3.3	0.10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dimethylphenol	1	0	Avg	0.2804	0.2656	0.2772	0.2992	0.2782	0.2672	0.2391	0.2515	0.3295	0.276	5.30	0.995	0.997	9.6	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
Benzoic Acid	1	0	Avg	0.2193	-----	0.1456	0.2086	0.2408	0.2397	0.2222	0.2393	-----	0.217	5.36	0.996	0.997	16		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)me	1	0	Avg	0.3164	0.3699	0.3208	0.3332	0.3093	0.3128	0.2825	0.3044	-----	0.319	5.37	0.996	0.997	7.9	0.30 a	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dichlorophenol	1	0	Avg	0.2624	0.2835	0.2559	0.2750	0.2631	0.2700	0.2650	0.2742	0.3275	0.275	5.46	0.999	1.00	7.7	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	0.50
1,2,4-Trichlorobenzen	1	0	Avg	0.2915	0.3156	0.2969	0.3059	0.2915	0.3003	0.3027	0.3089	-----	0.302	5.53	0.999	1.00	2.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	0.8766	1.0289	0.8733	0.9290	0.8648	0.8308	0.8203	0.8418	-----	0.883	5.59	0.999	0.999	7.7	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Avg	0.3388	0.3733	0.3577	0.3671	0.4418	0.3166	0.3064	0.3137	-----	0.352	5.62	0.975	0.982	13	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1700	0.1807	0.1706	0.1831	0.1741	0.1811	0.1831	0.1905	-----	0.179	5.67	0.998	1.00	3.9	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1039	0.0867	0.0891	0.1071	0.1051	0.1087	0.1044	0.0988	-----	0.101	5.90	0.997	0.999	8.2	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphe	1	0	Avg	0.2406	0.2358	0.2191	0.2530	0.2423	0.2509	0.2453	0.2393	-----	0.241	5.99	0.999	0.999	4.4	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.5520	0.6070	0.5580	0.5889	0.5572	0.5658	0.5507	0.5192	-----	0.562	6.13	0.997	0.999	4.7	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1-Methylnaphthalene	1	0	Avg	0.5623	0.6221	0.5503	0.6059	0.5680	0.5577	0.5455	0.5221	-----	0.567	6.21	0.998	1.00	5.7	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.5572	0.6146	0.5541	0.5985	0.5638	0.5618	0.5494	0.5220	-----	0.565	6.21	0.999	1.00	5.1		100.0	4.00	20.00	40.00	160.0	240.0	320.0	392.0	
1,1'-Biphenyl	1	0	Avg	0.7757	0.8374	0.7891	0.8208	0.7708	0.7630	0.7539	0.7500	-----	0.783	6.51	1.00	1.00	4.0	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2,4,5-Tetrachloroben	1	0	Avg	0.6039	0.6443	0.5536	0.6522	0.6122	0.6404	0.6706	0.6929	-----	0.634	6.26	0.997	1.00	6.8	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the min rf criteria

c - failed the minimum correlation coeff criteria(if applicable)

Avg Rsd: 7.46

Note:

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

5112647 0330

Method: EPA 8270E

Form 6
Initial Calibration

Instrument: GCMS_7

Level #	Data File:	Cal Identifier:	Analysis Date/Time	Level #	Data File:	Cal Identifier:	Analysis Date/Time
1	7M147177.D	CAL BNA 50PPM	11/10/25 11:48	2	7M147178.D	CAL BNA 2PPM	11/10/25 12:10
3	7M147179.D	CAL BNA 10PPM	11/10/25 12:32	4	7M147173.D	CAL BNA 20PPM	11/10/25 10:19
5	7M147172.D	CAL BNA 80PPM	11/10/25 09:57	6	7M147171.D	CAL BNA 120PPM	11/10/25 09:35
7	7M147170.D	CAL BNA 160PPM	11/10/25 09:13	8	7M147169.D	CAL BNA 196PPM	11/10/25 08:51
9	7M147176.D	CAL BNA 0.5PPM	11/10/25 11:26				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Hexachlorocyclopenta	1	0	Avg	0.3368	0.3416	0.3085	0.3353	0.3521	0.3708	0.3894	0.4054	-----	0.355	6.25	0.997	1.00	8.9	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Trichlorophenol	1	0	Avg	0.3450	0.3508	0.3265	0.3711	0.3477	0.3631	0.3774	0.3973	-----	0.360	6.35	0.997	1.00	6.1	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,5-Trichlorophenol	1	0	Avg	0.3618	0.3368	0.3258	0.3690	0.3664	0.3933	0.4083	0.4344	-----	0.375	6.38	0.995	1.00	9.6	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.2058	1.5205	1.1927	1.2821	1.1910	1.2239	1.2544	1.3290	-----	1.27	6.42	0.998	0.999	8.6		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	0.9400	1.1376	0.9701	1.0262	0.9416	0.9377	0.9626	1.0063	-----	0.990	6.53	0.998	1.00	6.8	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,4-Dimethylnaphthale	1	0	Avg	0.7751	0.9157	0.7783	0.8543	0.7701	0.7391	0.7445	0.7639	-----	0.793	6.81	0.999	0.999	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Avg	0.7751	0.9157	0.7783	0.8543	0.7701	0.7391	0.7445	0.7639	-----	0.793	6.81	0.999	0.999	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8421	0.9529	0.7912	0.9076	0.8262	0.8052	0.8317	0.8768	-----	0.854	6.59	0.998	0.999	6.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.2834	0.3181	0.2696	0.3173	0.2692	0.2449	0.2452	0.2626	-----	0.276	6.61	0.996	0.996	10	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.5421	1.8936	1.5924	1.6139	1.5257	1.4309	1.4434	1.5115	-----	1.57	6.89	0.998	0.999	9.3	0.90	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.1161	1.3297	1.1190	1.1949	1.1117	1.1105	1.1133	1.1385	-----	1.15	6.76	1.00	1.00	6.6	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,6-Dinitrotoluene	1	0	Avg	0.2481	0.2841	0.2376	0.2678	0.2458	0.2410	0.2445	0.2476	-----	0.252	6.81	1.00	1.00	6.3	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	0.9550	1.1408	0.9390	1.0163	0.9426	0.9158	0.9255	0.9262	-----	0.970	7.05	1.00	1.00	7.8	0.90	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.2655	0.2853	0.2627	0.2856	0.2648	0.2484	0.2441	0.2487	-----	0.263	6.97	0.999	0.999	6.1	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrophenol	1	0	Qua	0.1184	-----	0.0594	0.1000	0.1279	0.1388	0.1450	0.1432	-----	0.119	7.06	0.999	0.999	26	0.20 a	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.3745	1.6025	1.3765	1.4792	1.3744	1.3565	1.3415	1.3147	-----	1.40	7.20	1.00	1.00	6.7	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4-Dinitrotoluene	1	0	Avg	0.3425	0.3814	0.3112	0.3643	0.3495	0.3551	0.3473	0.3546	-----	0.351	7.17	1.00	1.00	5.7	0.20	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.1664	0.1418	0.1321	0.1694	0.1656	0.1517	0.1487	0.1465	-----	0.153	7.09	0.997	0.999	8.7	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,3,4,6-Tetrachlorophe	1	0	Avg	0.3068	0.2858	0.2795	0.3041	0.3092	0.3273	0.3395	0.3580	-----	0.314	7.31	0.996	1.00	8.4	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.1260	1.3179	1.1337	1.1958	1.1216	1.1165	1.1246	1.1843	-----	1.17	7.53	0.998	0.999	5.9	0.90	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyl	1	0	Avg	0.5720	0.6713	0.5647	0.6013	0.5791	0.6142	0.6211	0.6333	-----	0.607	7.52	0.999	1.00	5.9	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.0933	1.2611	1.0887	1.1535	1.1008	1.1368	1.1481	1.2003	-----	1.15	7.40	0.998	1.00	5.1	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.2676	0.3125	0.2538	0.2979	0.2620	0.2618	0.2612	0.2806	-----	0.275	7.54	0.997	0.999	7.5	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4228	0.4070	0.3479	0.4332	0.4165	0.4411	0.4610	0.4639	-----	0.424	8.17	0.998	0.999	8.7	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,6-Dinitro-2-methylph	1	0	Avg	0.0977	-----	0.0684	0.0892	0.1004	0.0974	0.0968	0.1079	-----	0.0940	7.56	0.994	0.996	13	0.01	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamin	1	0	Avg	0.5124	0.5633	0.5033	0.5300	0.4928	0.4449	0.4323	0.4709	-----	0.494	7.63	0.996	0.997	8.8	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2,4,6-Tribromophenol	1	0	Avg	0.1023	0.0967	0.1017	0.1071	0.1056	0.1059	0.1051	0.1170	-----	0.105	7.76	0.994	0.998	5.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1,2-Diphenylhydrazine	1	0	Avg	0.4967	0.5383	0.5119	0.5753	0.4639	0.3731	0.3921	0.4289	-----	0.473	7.68	0.988	0.991	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyl	1	0	Avg	0.1952	0.2255	0.1942	0.1999	0.1958	0.1950	0.1926	0.1955	-----	0.199	8.01	1.00	1.00	5.4	0.10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2091	0.2180	0.1967	0.2161	0.2083	0.2072	0.2118	0.2330	-----	0.213	8.08	0.994	0.998	4.9	0.10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.2837	0.2838	0.2728	0.2887	0.2832	0.2606	0.2497	0.2456	-----	0.271	8.35	0.996	0.999	6.2	0.05	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Avg	0.1257	-----	0.0907	0.1213	0.1382	0.1398	0.1406	0.1551	-----	0.130	8.28	0.995	0.998	16	0.05	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	0.8422	0.9422	0.8445	0.8675	0.8450	0.7982	0.7886	0.8104	-----	0.842	8.52	0.999	1.00	5.8	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	0.8665	0.9593	0.8457	0.9008	0.8596	0.8050	0.7866	0.8033	-----	0.853	8.57	0.999	0.999	6.7	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	0.7941	0.9020	0.7650	0.8186	0.8045	0.7496	0.7286	0.7334	-----	0.787	8.74	0.999	0.999	7.2	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	0.9989	0.9772	0.9474	1.0293	1.0197	1.0030	0.9999	1.0095	-----	0.998	9.12	1.00	1.00	2.6	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.0017	1.0503	0.9547	1.0459	1.0224	0.9962	1.0016	1.0372	-----	1.01	9.86	0.999	1.00	3.1	0.60	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.1291	1.2237	1.0824	1.4513	1.1497	1.1260	1.0971	1.0915	-----	1.17	10.12	0.999	0.999	10	0.60	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Avg	0.6103	0.5860	0.5893	0.6255	0.6168	0.6125	0.5930	0.5899	-----	0.603	10.02	0.999	1.00	2.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Terphenyl-d14	1	0	Avg	0.8497	0.9260	0.8551	0.9583	0.8561	0.8597	0.8435	0.8708	-----	0.877	10.31	0.999	1.00	4.7		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
4,4'-DDE	1	0	Avg	0.2362	0.2540	0.2321	0.2921	0.2415	0.2437	0.2439	0.2564	-----	0.250	10.24	0.998	0.999	7.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the min rf criteria

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 7.46

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Method: EPA 8270E

Form 6
Initial Calibration

Instrument: GCMS_7

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	7M147177.D	CAL BNA 50PPM	11/10/25 11:48	2	7M147178.D	CAL BNA 2PPM	11/10/25 12:10
3	7M147179.D	CAL BNA 10PPM	11/10/25 12:32	4	7M147173.D	CAL BNA 20PPM	11/10/25 10:19
5	7M147172.D	CAL BNA 80PPM	11/10/25 09:57	6	7M147171.D	CAL BNA 120PPM	11/10/25 09:35
7	7M147170.D	CAL BNA 160PPM	11/10/25 09:13	8	7M147169.D	CAL BNA 196PPM	11/10/25 08:51
9	7M147176.D	CAL BNA 0.5PPM	11/10/25 11:26				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
4,4'-DDD	1	0	Avg	0.4735	0.4895	0.4293	0.4803	0.4740	0.4877	0.4903	0.5114	-----	0.480	10.65	0.999	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Butylbenzylphthalate	1	0	Avg	0.4828	0.4571	0.4411	0.4799	0.4999	0.5109	0.5032	0.5051	-----	0.485	10.90	1.00	1.00	5.2	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4,4'-DDT	1	0	Avg	0.3756	0.3368	0.3342	0.3679	0.3799	0.3897	0.3856	0.4006	-----	0.371	11.00	0.999	1.00	6.5		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Avg	0.3711	0.3726	0.3603	0.3969	0.3736	0.3739	0.3727	0.3911	-----	0.377	11.56	0.999	0.999	3.1	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.0676	1.1728	0.9894	1.1049	1.0870	1.0748	1.0736	1.0961	-----	1.08	11.59	1.00	1.00	4.7	0.80	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	0.9743	1.1242	0.9785	1.0174	0.9704	0.9262	0.9105	0.9103	-----	0.977	11.64	0.999	1.00	7.2	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	0.6485	0.6567	0.6056	0.6643	0.6549	0.6243	0.6200	0.6191	-----	0.637	11.64	0.999	1.00	3.4	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.1510	1.1238	1.0689	1.2003	1.1918	1.1733	1.1583	1.1513	-----	1.15	12.63	1.00	1.00	3.6	0.01	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.0202	1.0761	0.9471	1.0365	1.0282	1.0063	0.9972	1.0416	-----	1.02	13.24	1.00	1.00	3.7	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	0.9896	1.1608	1.0028	1.1045	1.0127	0.9649	0.9499	0.8794	-----	1.01	13.28	0.995	0.999	8.8	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	0.9540	1.0641	0.9011	0.9934	0.9845	0.9681	0.9708	0.9670	-----	0.975	13.81	1.00	1.00	4.6	0.70	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1,2,3-cd]pyren	1	0	Avg	0.9320	1.0617	0.8379	0.9723	0.9905	0.9993	0.9869	1.0012	-----	0.973	15.78	0.999	0.999	6.7	0.50	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracen	1	0	Avg	0.9180	1.0172	0.8788	0.9860	0.9378	0.9117	0.9075	0.9059	-----	0.933	15.82	1.00	1.00	4.9	0.40	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	0.8597	1.0689	0.8921	0.9189	0.8910	0.8763	0.8864	0.8929	-----	0.911	16.21	1.00	1.00	7.2	0.50	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags	*Note:* Avg Rsd: 7.46
a - failed the min rf criteria	*Corr 1 = Correlation Coefficient for linear Eq.*
c - failed the minimum correlation coeff criteria(if applicable)	*Corr 2 = Correlation Coefficient for quad Eq.*
	Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147177.D Sam Mult : 1 Vial# : 2 Qt On : 11/10/25 12:18
Acq On : 11/10/25 11:48 Misc : A,BNA Qt Upd On: 11/10/25 11:48

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

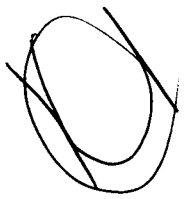
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	37992	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.587	152	75388	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	284596	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	170771	40.00	ng	-0.01
76) Phenanthrene-d10	8.495	188	328829	40.00	ng	0.00
90) Chrysene-d12	11.609	240	296440	40.00	ng	0.00
102) Perylene-d12	13.912	264	297729	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	102724	47.79	ng	0.00
Spiked Amount 100.000			Recovery = 47.79%			
16) Phenol-d5	4.264	99	130183	48.83	ng	0.00
Spiked Amount 100.000			Recovery = 48.83%			
32) Nitrobenzene-d5	5.022	128	25729	22.96	ng	0.00
Spiked Amount 50.000			Recovery = 45.92%			
55) 2-Fluorobiphenyl	6.420	172	128703	22.83	ng	0.00
Spiked Amount 50.000			Recovery = 45.66%			
79) 2,4,6-Tribromophenol	7.760	330	42052	46.31	ng	-0.01
Spiked Amount 100.000			Recovery = 46.31%			
93) Terphenyl-d14	10.310	244	157428	22.99	ng	0.00
Spiked Amount 50.000			Recovery = 45.98%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	48288	40.6193	ng	84
9) Pyridine	2.496	79	110768	49.2384	ng	58
10) N-Nitrosodimethylamine	2.449	74	64437	47.5502	ng	70
12) Benzaldehyde	4.235	77	94785	49.2196	ng	69
13) Aniline	4.317	93	148263	48.0494	ng	59
14) Pentachloroethane	4.364	117	36787	48.4769	ng	69
15) bis(2-Chloroethyl)ether	4.364	93	93257	45.8625	ng	75
17) Phenol	4.276	94	128070	49.5014	ng	81
18) 2-Chlorophenol	4.411	128	107511	47.9983	ng	76
19) N-Decane	4.440	57	86662	49.8718	ng	95
20) 1,3-Dichlorobenzene	4.540	146	121672	46.9630	ng	97
22) 1,4-Dichlorobenzene	4.599	146	122191	46.9223	ng	98
23) 1,2-Dichlorobenzene	4.722	146	115029	47.0376	ng	97
24) Benzyl alcohol	4.687	108	68995	48.2614	ng	68
25) bis(2-chloroisopropyl)...	4.793	45	93038	48.6975	ng	86
26) 2-Methylphenol	4.764	108	92555	47.8757	ng	99
27) Acetophenone	4.899	105	164543	49.9770	ng	56
28) Hexachloroethane	4.987	117	42573	47.3220	ng	85
29) N-Nitroso-di-n-propyla...	4.893	70	67634	49.4870	ng	73
30) 3&4-Methylphenol	4.887	108	97973	46.7299	ng	94
33) Nitrobenzene	5.034	77	98069	45.2308	ng	73
34) Isophorone	5.216	82	187769	49.0843	ng	82
35) 2-Nitrophenol	5.281	139	57354	46.7591	ng	80
36) 2,4-Dimethylphenol	5.298	107	99777	47.7209	ng	89
37) Benzoic Acid	5.357	105	78041	49.0688	ng	82
38) bis(2-Chloroethoxy)met...	5.375	93	112571	47.5677	ng	97
39) 2,4-Dichlorophenol	5.457	162	93365	45.7746	ng	85
40) 1,2,4-Trichlorobenzene	5.527	180	103703	45.5571	ng	94
41) Naphthalene	5.592	128	311848	47.4138	ng	99
42) 4-Chloroaniline	5.621	127	120546m	46.5573	ng	
43) Hexachlorobutadiene	5.674	225	60483	44.9942	ng	96
44) Caprolactam	5.898	113	36995	47.6937	ng	57
45) 4-Chloro-3-methylphenol	5.992	107	85593	46.8353	ng	69
46) 2-Methylnaphthalene	6.127	142	196380	47.0039	ng	98
47) 1-Methylnaphthalene	6.209	142	200059	47.0069	ng	86
48) Methylnaphthalenes (To...	6.209	142	396458m	93.8961	ng	
49) 1,1'-Biphenyl	6.509	154	275973	46.8736	ng	92
51) 1,2,4,5-Tetrachloroben...	6.262	216	128931	43.7658	ng	98
52) Hexachlorocyclopentadiene	6.250	237	71898	45.8910	ng	99
53) 2,4,6-Trichlorophenol	6.350	196	73653m	45.6114	ng	
54) 2,4,5-Trichlorophenol	6.379	196	77250	45.5484	ng	98
56) 2-Chloronaphthalene	6.532	162	200674	45.0865	ng	88
57) 1,4-Dimethylnaphthalene	6.814	156	165473	46.6451	ng	86
58) Dimethylnaphthalenes (...	6.814	156	165473	46.6451	ng	86
59) Diphenyl Ether	6.591	170	179769	46.1094	ng	75
60) 2-Nitroaniline	6.609	65	60503	48.3266	ng	33
61) Acenaphthylene	6.891	152	329182	46.7778	ng	98
62) Dimethylphthalate	6.755	163	238263	46.4148	ng	99
63) 2,6-Dinitrotoluene	6.814	165	52969	47.3497	ng	57
64) Acenaphthene	7.049	153	203878	47.1809	ng	95
65) 3-Nitroaniline	6.967	138	56683	48.0321	ng	66

Quantitation Report (QT Reviewed)

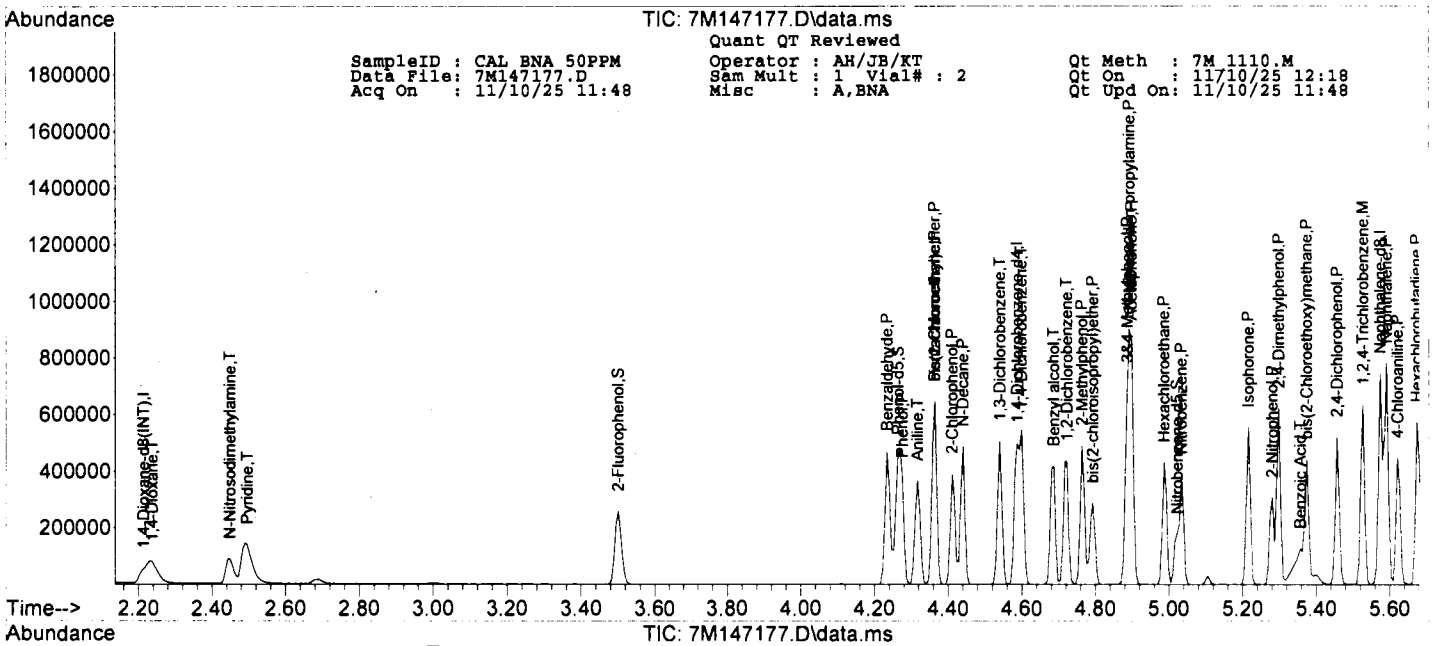
SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147177.D Sam Mult : 1 Vial# : 2 Qt On : 11/10/25 12:18
Acq On : 11/10/25 11:48 Misc : A,BNA Qt Upd On: 11/10/25 11:48

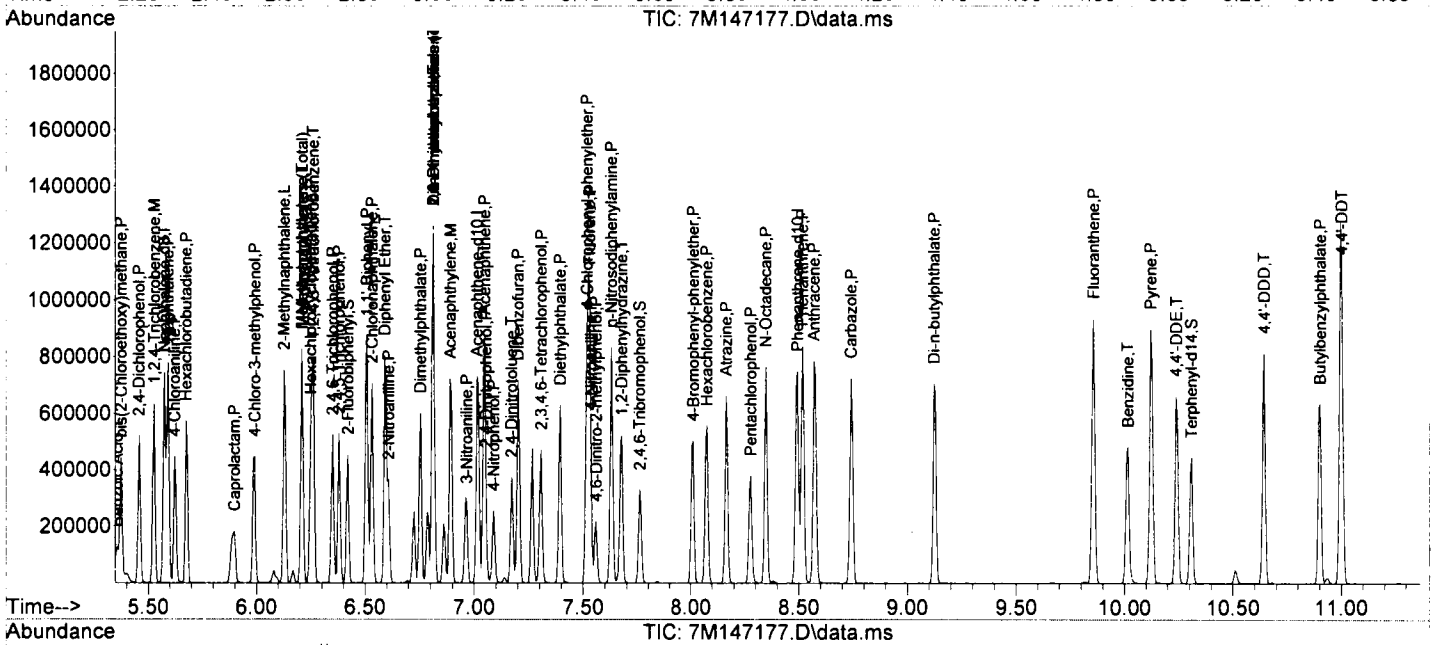
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Qt Resp Via : Initial Calibration

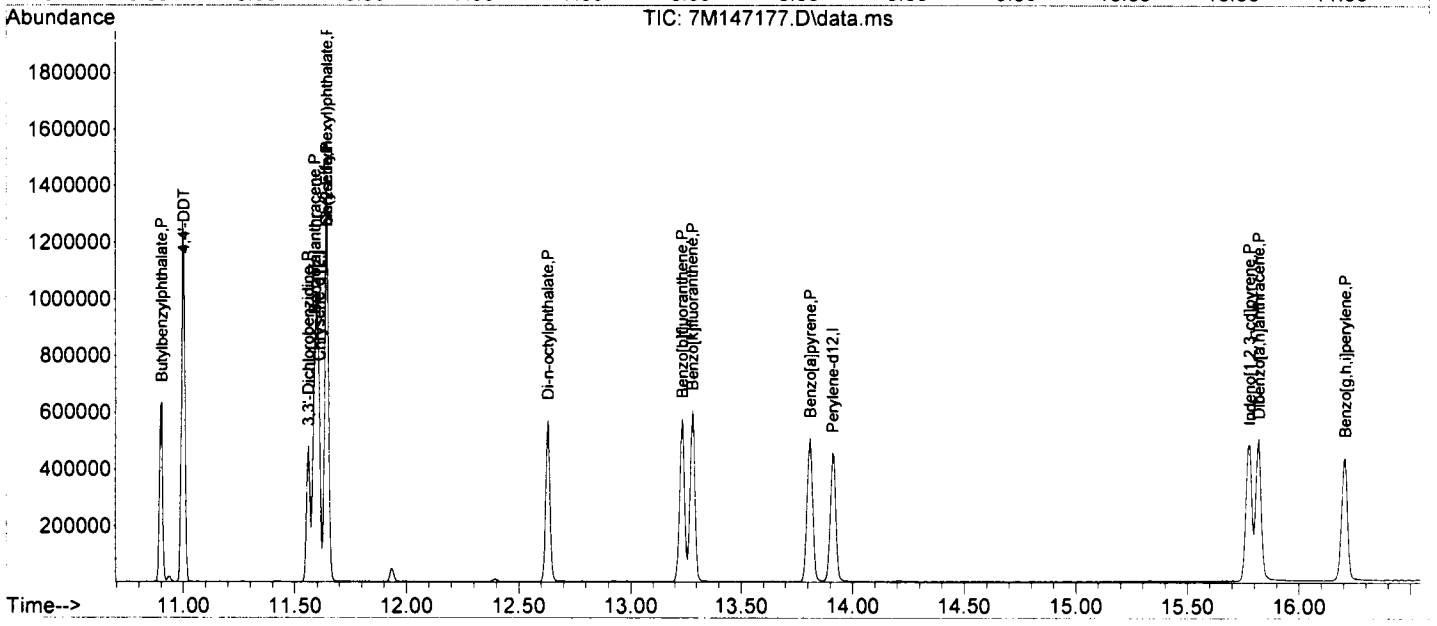
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.055	184	25286	48.8461	ng	36
67)	Dibenzofuran	7.202	168	293407	46.8036	ng	82
68)	2,4-Dinitrotoluene	7.173	165	73120	46.9106	ng	55
69)	4-Nitrophenol	7.090	65	35528	52.5372	ng	83
70)	2,3,4,6-Tetrachlorophenol	7.308	232	65510	46.6683	ng	78
71)	Fluorene	7.531	166	240375	46.2046	ng	96
72)	4-Chlorophenyl-phenyle...	7.519	204	122104	44.9188	ng	78
73)	Diethylphthalate	7.396	149	233381	45.6592	ng	94
74)	4-Nitroaniline	7.537	138	57129	46.7826	ng	71
75)	Atrazine	8.166	200	90268	46.5454	ng	99
77)	4,6-Dinitro-2-methylph...	7.560	198	40169	54.2920	ng	78
78)	n-Nitrosodiphenylamine	7.631	169	210637	49.0571	ng	100
80)	1,2-Diphenylhydrazine	7.678	77	204197	48.8449	ng	72
81)	4-Bromophenyl-phenylether	8.013	248	80267	46.7132	ng	73
82)	Hexachlorobenzene	8.077	284	85957	45.4800	ng	58
83)	N-Octadecane	8.348	57	116630	49.2621	ng	65
84)	Pentachlorophenol	8.277	266	51702	46.6137	ng	94
85)	Phenanthrene	8.518	178	346192	46.9054	ng	99
86)	Anthracene	8.571	178	356165	47.8086	ng	100
87)	Carbazole	8.741	167	326407	47.8188	ng	95
88)	Di-n-butylphthalate	9.123	149	410606	47.1094	ng	97
89)	Fluoranthene	9.858	202	411755	46.6661	ng	85
91)	Pyrene	10.122	202	418397	45.5385	ng	85
92)	Benzidine	10.016	184	226158	49.8175	ng	81
94)	4,4'-DDE	10.240	246	87554	44.1556	ng	90
95)	4,4'-DDD	10.645	235	175486	46.8855	ng	94
96)	Butylbenzylphthalate	10.904	149	178923	46.6075	ng	63
97)	4,4'-DDT	11.003	235	139192	48.0659	ng	96
98)	3,3'-Dichlorobenzidine	11.562	252	137541	46.8037	ng	94
99)	Benzo[a]anthracene	11.591	228	395615	46.3315	ng	99
100)	Chrysene	11.644	228	361059	46.9814	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.644	149	240314	47.9114	ng	97
103)	Di-n-octylphthalate	12.631	149	428382	46.6639	ng	99
104)	Benzo[b]fluoranthene	13.236	252	379713	47.0718	ng	94
105)	Benzo[k]fluoranthene	13.283	252	368302	45.9741	ng	92
106)	Benzo[a]pyrene	13.812	252	355070	45.9302	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.780	276	346889m	45.2410	ng	
108)	Dibenzo[a,h]anthracene	15.821	278	341647	45.8747	ng	89
109)	Benzo[g,h,i]perylene	16.209	276	319957	44.8564	ng	71



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147177.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 50PPM
Data File: 7M147177.D
Acq On : 11/10/25 11:48
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 12:18
Qt Upd On: 11/10/25 11:48
1,4-Dioxane,I
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,S
2,4-Dimethylphenol,P
Benzoic Acid,T
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
4-Chloroaniline,P
Time-->


Abundance
TIC: 7M147177.D\data.ms
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
Dimethylphthalate,P
Acenaphthylene,M
Diethylphthalate,P
2,3,4,6-Tetrachlorophenol,P
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 7M147177.D\data.ms
Butylbenzylphthalate,P
4,4'-DDT
Di-n-octylphthalate,P
Benzo[a]pyrene,P
Perylene-d12,I
Benzo[g,h,i]perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 2PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147178.D Sam Mult : 1 Vial# : 9 Qt On : 11/10/25 12:38
Acq On : 11/10/25 12:10 Misc : A,BNA Qt Upd On: 11/10/25 12:19

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	33969	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.587	152	73662	40.00	ng	0.00
31) Naphthalene-d8	5.575	136	279276	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	157869	40.00	ng	-0.01
76) Phenanthrene-d10	8.489	188	317807	40.00	ng	-0.01
90) Chrysene-d12	11.603	240	287466	40.00	ng	-0.01
102) Perylene-d12	13.912	264	274445	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	4527m	2.35	ng	0.00
Spiked Amount 100.000			Recovery = 2.35%			
16) Phenol-d5	4.258	99	5959	2.48	ng	-0.01
Spiked Amount 100.000			Recovery = 2.48%			
32) Nitrobenzene-d5	5.016	128	1093	0.99	ng	-0.01
Spiked Amount 50.000			Recovery = 1.98%			
55) 2-Fluorobiphenyl	6.421	172	6001	1.15	ng	0.00
Spiked Amount 50.000			Recovery = 2.30%			
79) 2,4,6-Tribromophenol	7.760	330	1537	1.76	ng	-0.01
Spiked Amount 100.000			Recovery = 1.76%			
93) Terphenyl-d14	10.304	244	6655	1.00	ng	-0.01
Spiked Amount 50.000			Recovery = 2.00%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.231	88	2117m	1.9904	ng	
9) Pyridine	2.502	79	4292	2.1232	ng	61
10) N-Nitrosodimethylamine	2.455	74	2254	1.8598	ng	88
12) Benzaldehyde	4.235	77	3426	1.9750	ng	39
13) Aniline	4.317	93	6562m	2.3657	ng	
14) Pentachloroethane	4.358	117	1403	2.0596	ng	42
15) bis(2-Chloroethyl)ether	4.364	93	3903	2.1399	ng	73
17) Phenol	4.270	94	5265	2.2575	ng	82
18) 2-Chlorophenol	4.411	128	4330	2.1497	ng	69
19) N-Decane	4.441	57	3959	2.5250	ng	92
20) 1,3-Dichlorobenzene	4.540	146	5460	2.3486	ng	96
22) 1,4-Dichlorobenzene	4.599	146	5178	2.0351	ng	81
23) 1,2-Dichlorobenzene	4.717	146	5156	2.1578	ng	98
24) Benzyl alcohol	4.681	108	2846	2.0291	ng	81
25) bis(2-chloroisopropyl)...	4.793	45	4094	2.1716	ng	85
26) 2-Methylphenol	4.764	108	4157	2.1897	ng	98
27) Acetophenone	4.893	105	6577	2.0288	ng	58
28) Hexachloroethane	4.987	117	2049	2.3297	ng	90
29) N-Nitroso-di-n-propyla...	4.887	70	2819	2.0898	ng	75
30) 3&4-Methylphenol	4.881	108	4069	1.9778	ng	95
33) Nitrobenzene	5.034	77	4347	2.0437	ng	67
34) Isophorone	5.210	82	7519	2.0010	ng	88
35) 2-Nitrophenol	5.281	139	2286	1.9087	ng	74
36) 2,4-Dimethylphenol	5.298	107	3709	1.8116	ng	87
37) Benzoic Acid	0.000		0	N.D. d		
38) bis(2-Chloroethoxy)met...	5.375	93	5166	2.2270	ng	98
39) 2,4-Dichlorophenol	5.457	162	3959	1.9848	ng	83
40) 1,2,4-Trichlorobenzene	5.527	180	4407	1.9823	ng	97
41) Naphthalene	5.592	128	14368	2.2270	ng	99
42) 4-Chloroaniline	5.622	127	5213m	2.0552	ng	
43) Hexachlorobutadiene	5.674	225	2524	1.9257	ng	99
44) Caprolactam	5.868	113	1211	1.5847	ng	54
45) 4-Chloro-3-methylphenol	5.980	107	3293	1.8373	ng	66
46) 2-Methylnaphthalene	6.127	142	8477	2.0739	ng	95
47) 1-Methylnaphthalene	6.209	142	8687	2.0837	ng	86
48) Methylnaphthalenes (To...	6.209	142	17166m	4.1528	ng	
49) 1,1'-Biphenyl	6.503	154	11694	2.0269	ng	91
51) 1,2,4,5-Tetrachloroben...	6.256	216	5086	1.8801	ng	98
52) Hexachlorocyclopentadiene	6.250	237	2697	1.8708	ng	91
53) 2,4,6-Trichlorophenol	6.350	196	2769	1.8642	ng	90
54) 2,4,5-Trichlorophenol	6.379	196	2659	1.7014	ng	99
56) 2-Chloronaphthalene	6.526	162	8980	2.1923	ng	87
57) 1,4-Dimethylnaphthalene	6.814	156	7228	2.2065	ng	83
58) Dimethylnaphthalenes (...	6.814	156	7228	2.2065	ng	83
59) Diphenyl Ether	6.591	170	7522	2.0936	ng	71
60) 2-Nitroaniline	6.603	65	2511	2.1526	ng	51
61) Acenaphthylene	6.891	152	14947	2.3037	ng	97
62) Dimethylphthalate	6.750	163	10496	2.2136	ng	96
63) 2,6-Dinitrotoluene	6.808	165	2243	2.1787	ng	62
64) Acenaphthene	7.043	153	9005	2.2529	ng	94
65) 3-Nitroaniline	6.961	138	2252	2.0681	ng	72

Quantitation Report (QT Reviewed)

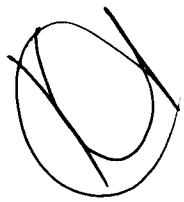
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Data File: 7M147178.D
Acq On : 11/10/25 12:10

Operator : AH/JB/KT
Sam Mult : 1 Vial# : 9
Misc : A,BNA

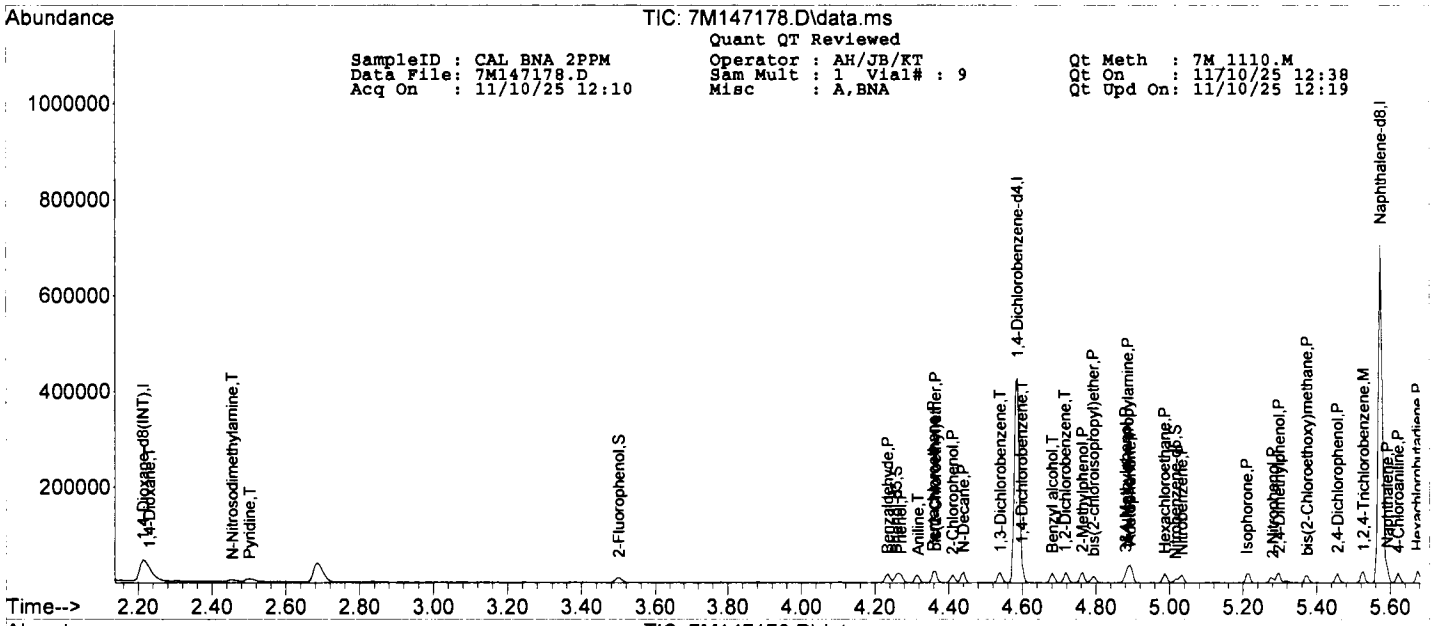
Qt Meth : 7M_1110.M
Qt On : 11/10/25 12:38
Qt Upd On: 11/10/25 12:19

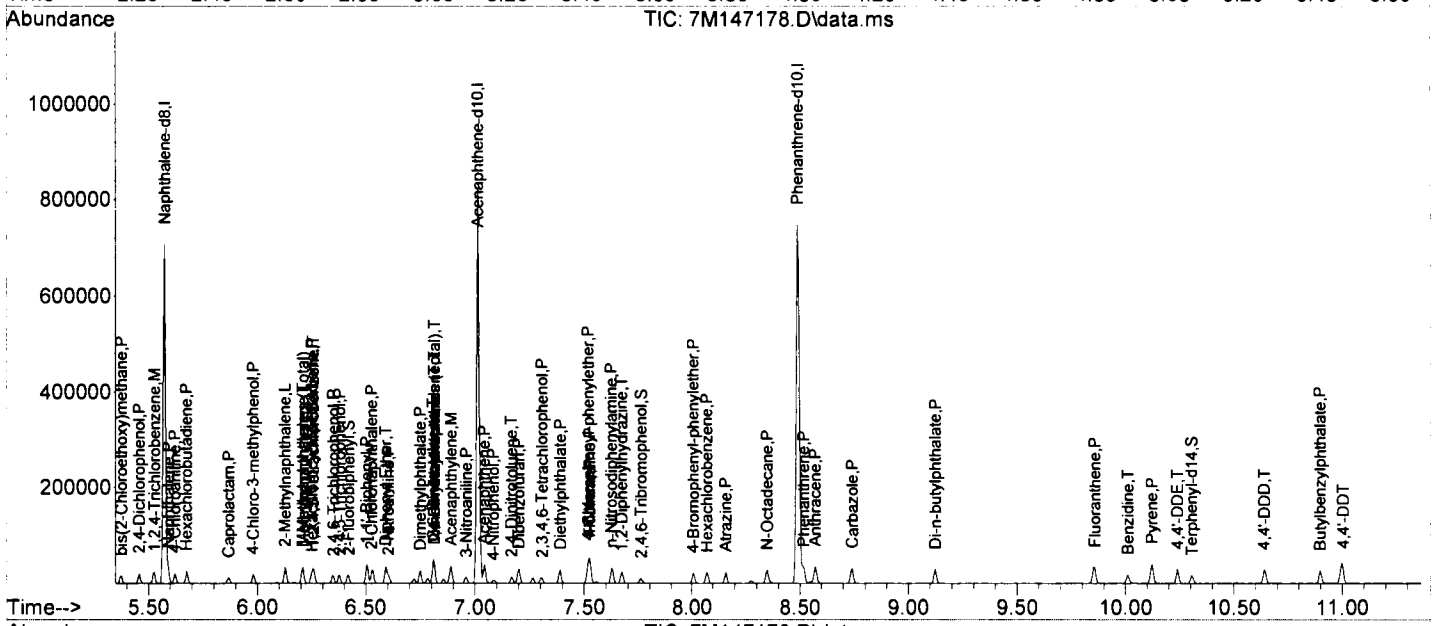
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Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

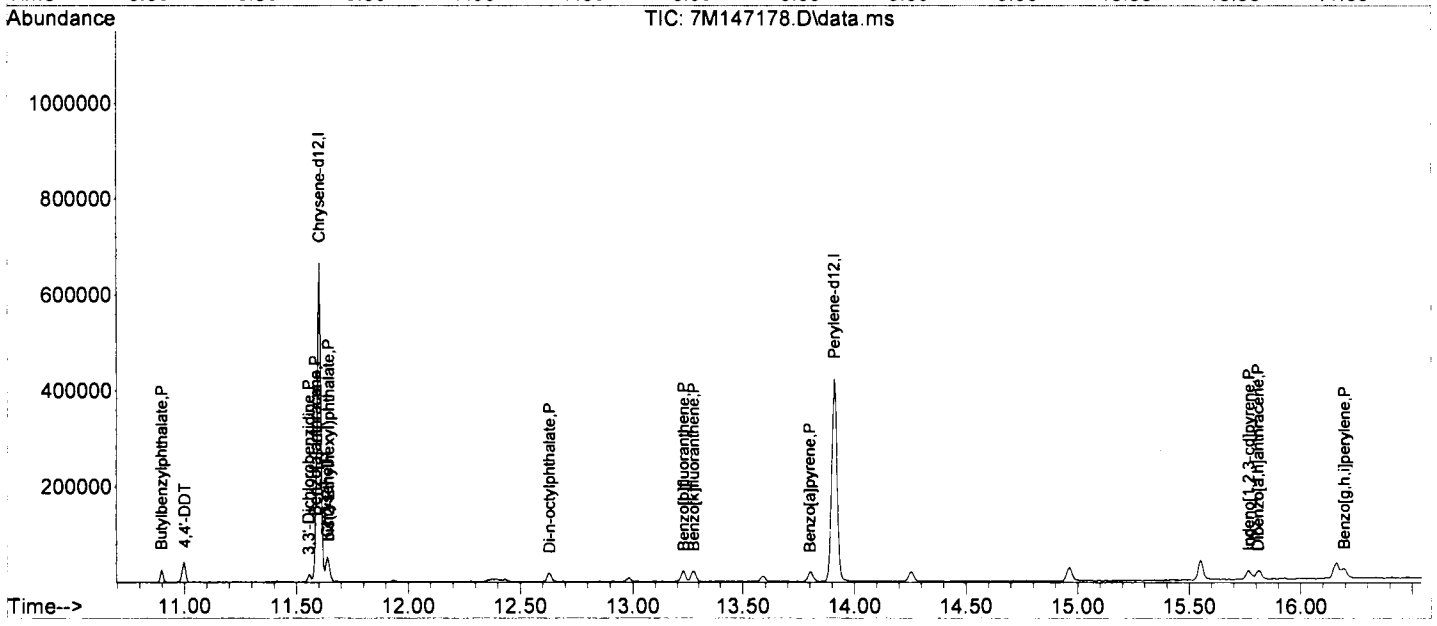
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	0.000		0	N.D.		
67)	Dibenzofuran	7.202	168	12650	2.1833	ng	79
68)	2,4-Dinitrotoluene	7.167	165	3011	2.0906	ng	67
69)	4-Nitrophenol	7.085	65	1120	1.7689	ng	90
70)	2,3,4,6-Tetrachlorophenol	7.308	232	2256	1.7462	ng	79
71)	Fluorene	7.525	166	10403	2.1652	ng	98
72)	4-Chlorophenyl-phenyle...	7.519	204	5299	2.1146	ng	74
73)	Diethylphthalate	7.390	149	9955	2.1075	ng	93
74)	4-Nitroaniline	7.525	138	2467	2.1868	ng	60
75)	Atrazine	8.160	200	3213	1.7939	ng	95
77)	4,6-Dinitro-2-methylph...	0.000		0	N.D. d		
78)	n-Nitrosodiphenylamine	7.625	169	8952	2.1509	ng	93
80)	1,2-Diphenylhydrazine	7.672	77	8555	2.1218	ng	74
81)	4-Bromophenyl-phenylether	8.007	248	3584	2.1661	ng	72
82)	Hexachlorobenzene	8.072	284	3465	1.9048	ng	68
83)	N-Octadecane	8.348	57	4510	1.9573	ng	61
84)	Pentachlorophenol	0.000		0	N.D. d		
85)	Phenanthrene	8.518	178	14972	2.0945	ng	97
86)	Anthracene	8.571	178	15245	2.1137	ng	95
87)	Carbazole	8.741	167	14334	2.1698	ng	94
88)	Di-n-butylphthalate	9.123	149	15528	1.8462	ng	96
89)	Fluoranthene	9.858	202	16690	1.9635	ng	90
91)	Pyrene	10.122	202	17589	1.9741	ng	84
92)	Benzidine	10.011	184	8424	1.9184	ng	92
94)	4,4'-DDE	10.240	246	3652	1.9055	ng	91
95)	4,4'-DDD	10.639	235	7037	1.9393	ng	95
96)	Butylbenzylphthalate	10.898	149	6570	1.7621	ng	65
97)	4,4'-DDT	11.004	235	4841	1.7237	ng	93
98)	3,3'-Dichlorobenzidine	11.556	252	5356	1.8841	ng	98
99)	Benzo[a]anthracene	11.585	228	16857	2.0395	ng	96
100)	Chrysene	11.638	228	16159	2.1656	ng	96
101)	bis(2-Ethylhexyl)phtha...	11.644	149	9439	1.9358	ng	91
103)	Di-n-octylphthalate	12.631	149	15422	1.8242	ng	100
104)	Benzo[b]fluoranthene	13.230	252	14767	1.9882	ng	93
105)	Benzo[k]fluoranthene	13.277	252	15929	2.1670	ng	86
106)	Benzo[a]pyrene	13.800	252	14603	2.0528	ng	93
107)	Indeno[1,2,3-cd]pyrene	15.769	276	14569m	2.0619	ng	
108)	Dibenzo[a,h]anthracene	15.810	278	13959	2.0380	ng	88
109)	Benzo[g,h,i]perylene	16.198	276	14668	2.2388	ng	70



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147178.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 2PPM
Data File: 7M147178.D
Acq On : 11/10/25 12:10
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 12:38
Qt Upd On: 11/10/25 12:19
1000000
800000
600000
400000
200000
Time-->
2.20
2.40
2.60
2.80
3.00
3.20
3.40
3.60
3.80
4.00
4.20
4.40
4.60
4.80
5.00
5.20
5.40
5.60
1,4-Dioxane-d8(INT),I
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Aniline,T
2-Chlorophenol,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
Isophorone,P
2-Nitrophenol,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
Naphthalene,P
Hexachlorobutadiene,P


Abundance
TIC: 7M147178.D\data.ms
1000000
800000
600000
400000
200000
Time-->
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bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene-d10,I
Dimethylphthalate,P
2,6-Dinitrotoluene,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Nitrophenol,P
4-Chlorophenyl-phenylether,P
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT


Abundance
TIC: 7M147178.D\data.ms
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800000
600000
400000
200000
Time-->
11.00
11.50
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14.00
14.50
15.00
15.50
16.00
Butylbenzylphthalate,P
4,4'-DDT
Chrysene-d12,I
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Benzo[g,h,i]perylene,P

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 10PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147179.D Sam Mult : 1 Vial# : 8 Qt On : 11/10/25 12:49
Acq On : 11/10/25 12:32 Misc : A,BNA Qt Upd On: 11/10/25 12:46

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

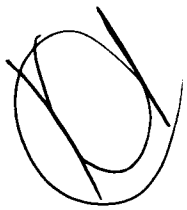
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	33474	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.587	152	69490	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	265942	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	159777	40.00	ng	-0.01
76) Phenanthrene-d10	8.495	188	304472	40.00	ng	0.00
90) Chrysene-d12	11.603	240	278387	40.00	ng	-0.01
102) Perylene-d12	13.912	264	267823	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	19212	10.13	ng	0.00
Spiked Amount 100.000			Recovery = 10.13%			
16) Phenol-d5	4.258	99	23527	10.01	ng	-0.01
Spiked Amount 100.000			Recovery = 10.01%			
32) Nitrobenzene-d5	5.016	128	4866	4.80	ng	-0.01
Spiked Amount 50.000			Recovery = 9.60%			
55) 2-Fluorobiphenyl	6.420	172	23821	4.55	ng	0.00
Spiked Amount 50.000			Recovery = 9.10%			
79) 2,4,6-Tribromophenol	7.760	330	7747	9.52	ng	-0.01
Spiked Amount 100.000			Recovery = 9.52%			
93) Terphenyl-d14	10.304	244	29758	4.77	ng	-0.01
Spiked Amount 50.000			Recovery = 9.54%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	8717	9.7567	ng	84
9) Pyridine	2.496	79	19078	9.7284	ng	61
10) N-Nitrosodimethylamine	2.449	74	11386	9.8366	ng	69
12) Benzaldehyde	4.235	77	15840	9.4487	ng	73
13) Aniline	4.317	93	27822	10.1865	ng	59
14) Pentachloroethane	4.364	117	6913	10.5537	ng	68
15) bis(2-Chloroethyl)ether	4.364	93	17148	9.7170	ng	73
17) Phenol	4.270	94	22834	10.1643	ng	82
18) 2-Chlorophenol	4.411	128	19510	10.1390	ng	71
19) N-Decane	4.440	57	15860	10.3293	ng	89
20) 1,3-Dichlorobenzene	4.540	146	23221	10.3492	ng	100
22) 1,4-Dichlorobenzene	4.599	146	22092	9.4040	ng	95
23) 1,2-Dichlorobenzene	4.717	146	21751	9.7741	ng	94
24) Benzyl alcohol	4.681	108	12427	9.5978	ng	69
25) bis(2-chloroisopropyl)...	4.793	45	17154	10.0134	ng	92
26) 2-Methylphenol	4.764	108	16762	9.4723	ng	98
27) Acetophenone	4.899	105	28769	9.7606	ng	53
28) Hexachloroethane	4.987	117	7688	9.3167	ng	78
29) N-Nitroso-di-n-propyla...	4.893	70	12395	9.9918	ng	78
30) 3&4-Methylphenol	4.881	108	17893	9.4541	ng	91
33) Nitrobenzene	5.034	77	18272	9.2084	ng	83
34) Isophorone	5.216	82	33830	9.7396	ng	81
35) 2-Nitrophenol	5.281	139	10308	9.2599	ng	77
36) 2,4-Dimethylphenol	5.298	107	18434	9.8137	ng	83
37) Benzoic Acid	5.328	105	9685	6.4151	ng	83
38) bis(2-Chloroethoxy)met...	5.375	93	21332	9.7998	ng	95
39) 2,4-Dichlorophenol	5.457	162	17018	9.1013	ng	83
40) 1,2,4-Trichlorobenzene	5.527	180	19742	9.6438	ng	96
41) Naphthalene	5.592	128	58067	9.6178	ng	96
42) 4-Chloroaniline	5.621	127	23787m	9.9634	ng	
43) Hexachlorobutadiene	5.674	225	11344	9.2844	ng	94
44) Caprolactam	5.874	113	5930	8.6003	ng	50
45) 4-Chloro-3-methylphenol	5.986	107	14569	8.8464	ng	62
46) 2-Methylnaphthalene	6.127	142	37103	9.7241	ng	98
47) 1-Methylnaphthalene	6.209	142	36592	9.4366	ng	85
48) Methylnaphthalenes (To...	6.127	142	73681m	19.1289	ng	
49) 1,1'-Biphenyl	6.503	154	52465	9.8432	ng	93
51) 1,2,4,5-Tetrachloroben...	6.262	216	22113	8.4032	ng	99
52) Hexachlorocyclopentadiene	6.250	237	12325	8.5436	ng	97
53) 2,4,6-Trichlorophenol	6.350	196	13043	8.7906	ng	96
54) 2,4,5-Trichlorophenol	6.379	196	13017	8.4111	ng	97
56) 2-Chloronaphthalene	6.532	162	38751	9.5666	ng	86
57) 1,4-Dimethylnaphthalene	6.814	156	31092	9.5810	ng	84
58) Dimethylnaphthalenes (...	6.814	156	31092	9.5810	ng	84
59) Diphenyl Ether	6.591	170	31607	8.9281	ng	72
60) 2-Nitroaniline	6.603	65	10772	9.4328	ng	47
61) Acenaphthylene	6.891	152	63611	9.8859	ng	99
62) Dimethylphthalate	6.750	163	44698	9.4989	ng	98
63) 2,6-Dinitrotoluene	6.808	165	9491	9.2166	ng	63
64) Acenaphthene	7.043	153	37510	9.4487	ng	98
65) 3-Nitroaniline	6.961	138	10497	9.7944	ng	78

Quantitation Report (QT Reviewed)

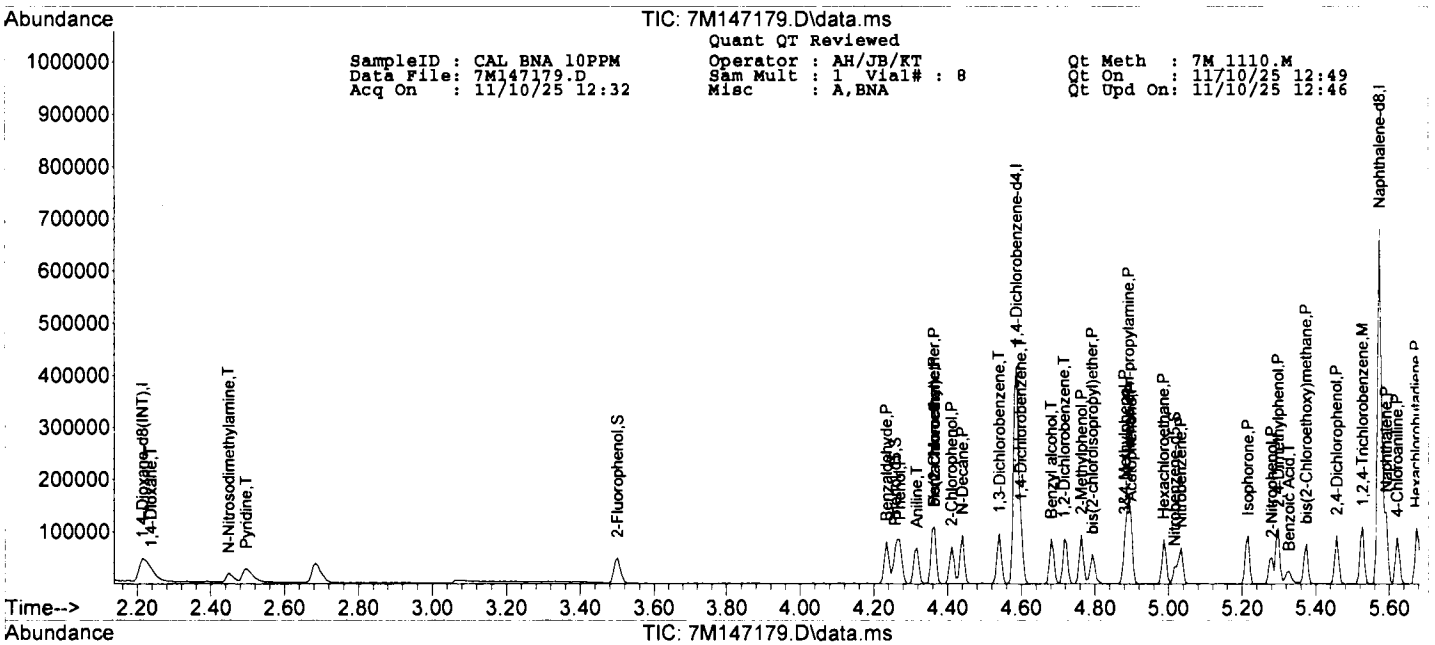
SampleID : CAL BNA 10PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147179.D Sam Mult : 1 Vial# : 8 Qt On : 11/10/25 12:49
Acq On : 11/10/25 12:32 Misc : A,BNA Qt Upd On: 11/10/25 12:46

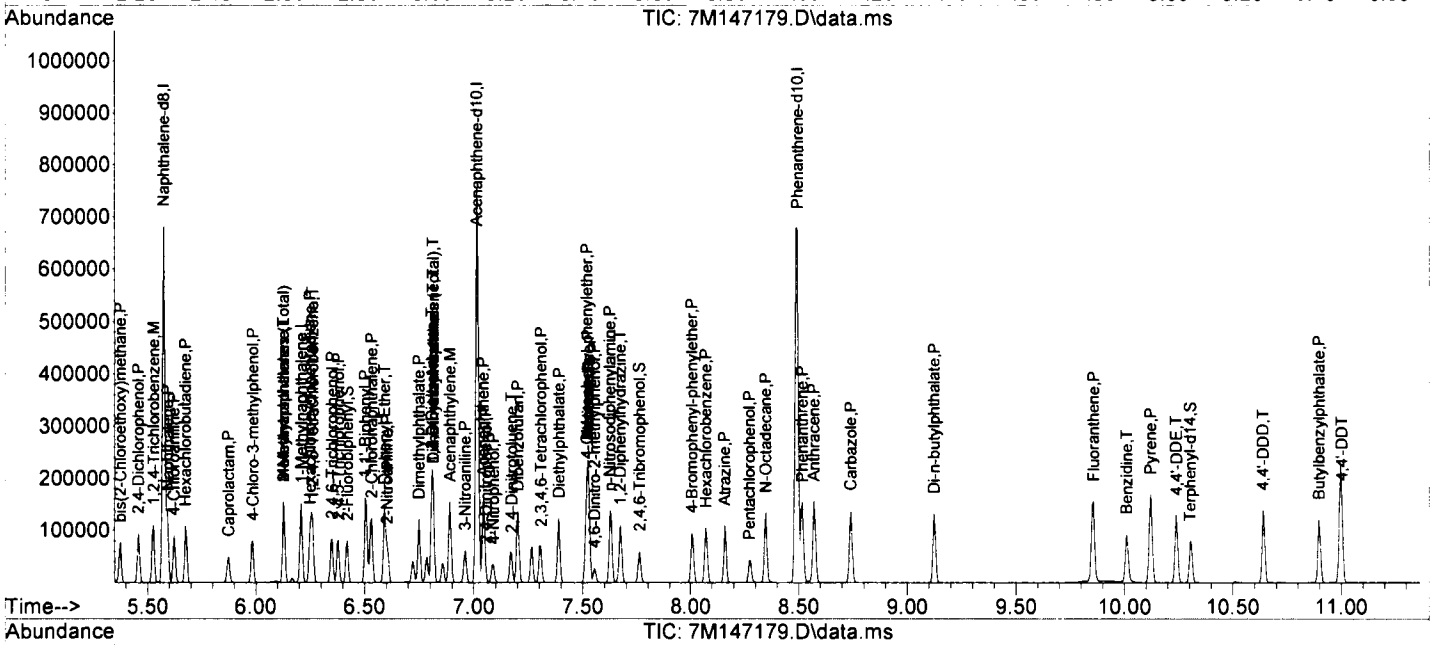
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Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

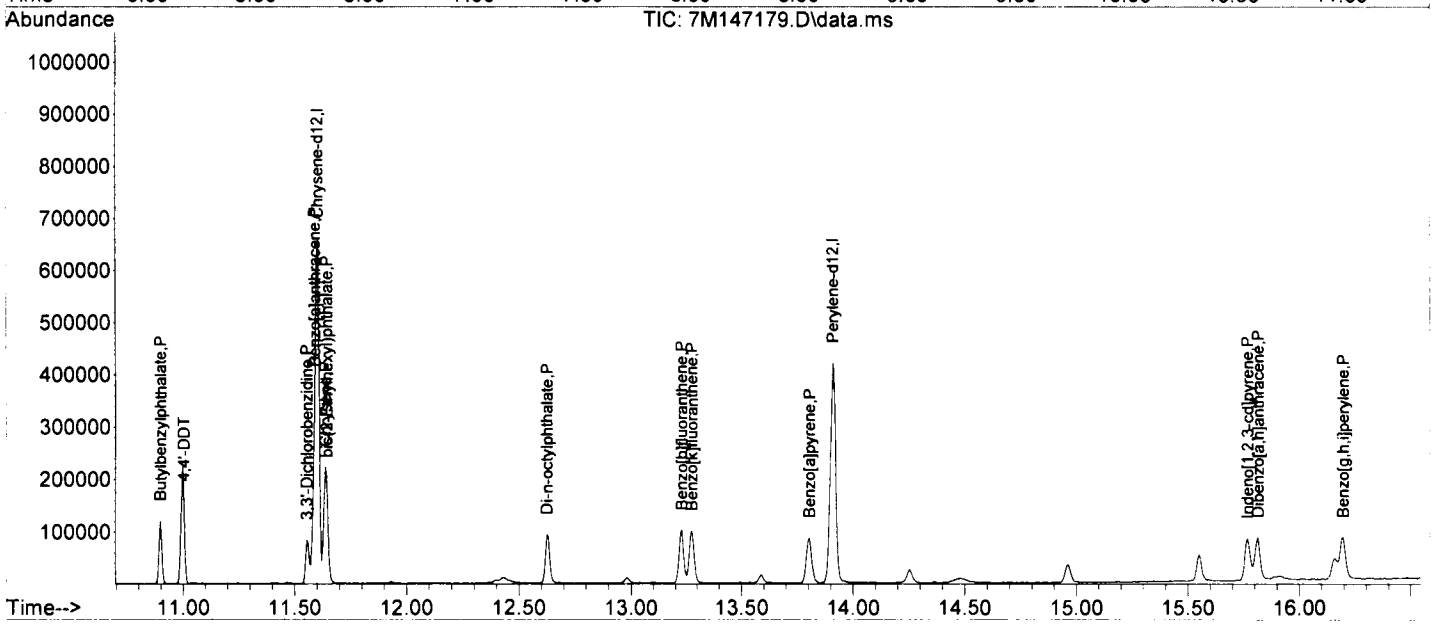
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.055	184	2374	4.9320	ng	36
67)	Dibenzofuran	7.202	168	54985	9.5866	ng	79
68)	2,4-Dinitrotoluene	7.173	165	12433	8.6594	ng	54
69)	4-Nitrophenol	7.090	65	5280	8.3614	ng	91
70)	2,3,4,6-Tetrachlorophenol	7.308	232	11168	8.7401	ng	80
71)	Fluorene	7.525	166	45285	9.5371	ng	100
72)	4-Chlorophenyl-phenyle...	7.519	204	22558	9.0808	ng	74
73)	Diethylphthalate	7.390	149	43490	9.2689	ng	98
74)	4-Nitroaniline	7.525	138	10139	8.9515	ng	73
75)	Atrazine	8.160	200	13899	7.9163	ng	95
77)	4,6-Dinitro-2-methylph...	7.554	198	5208	7.7364	ng	85
78)	n-Nitrosodiphenylamine	7.625	169	38310	9.8946	ng	99
80)	1,2-Diphenylhydrazine	7.672	77	38967	10.5002	ng	81
81)	4-Bromophenyl-phenylether	8.007	248	14783	9.5346	ng	78
82)	Hexachlorobenzene	8.072	284	14975	8.9506	ng	66
83)	N-Octadecane	8.348	57	20772	9.7694	ng	67
84)	Pentachlorophenol	8.271	266	6908	6.7258	ng	96
85)	Phenanthrene	8.518	178	64285	9.7218	ng	98
86)	Anthracene	8.571	178	64375	9.5888	ng	98
87)	Carbazole	8.741	167	58233	9.4174	ng	96
88)	Di-n-butylphthalate	9.123	149	72118	9.2651	ng	96
89)	Fluoranthene	9.858	202	72671	9.1861	ng	84
91)	Pyrene	10.122	202	75333	9.0048	ng	83
92)	Benzidine	10.010	184	41016	9.6044	ng	81
94)	4,4'-DDE	10.240	246	16156	9.0379	ng	90
95)	4,4'-DDD	10.639	235	29881	8.7035	ng	93
96)	Butylbenzylphthalate	10.898	149	30699	8.8294	ng	66
97)	4,4'-DDT	11.003	235	23261	8.7839	ng	96
98)	3,3'-Dichlorobenzidine	11.556	252	25080	9.3263	ng	89
99)	Benzo[a]anthracene	11.591	228	68862	8.8705	ng	98
100)	Chrysene	11.638	228	68106	9.7789	ng	97
101)	bis(2-Ethylhexyl)phtha...	11.644	149	42148	9.2307	ng	92
103)	Di-n-octylphthalate	12.625	149	71575	9.0043	ng	99
104)	Benzo[b]fluoranthene	13.230	252	63416	9.0464	ng	92
105)	Benzo[k]fluoranthene	13.277	252	67147	9.6723	ng	91
106)	Benzo[a]pyrene	13.806	252	60340	8.9420	ng	88
107)	Indeno[1,2,3-cd]pyrene	15.769	276	56102m	8.3622	ng	
108)	Dibenzo[a,h]anthracene	15.816	278	58844	9.1431	ng	93
109)	Benzo[g,h,i]perylene	16.197	276	59731	9.5750	ng	69



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147179.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 10PPM
Data File: 7M147179.D
Acq On : 11/10/25 12:32
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 12:49
Qt Upd On: 11/10/25 12:46
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Phenol-d6,S
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
3&4-Methylphenol,P
N-Nitroso-di-n-propylamine,P
Hexachloroethane,P
Nitrobenzene-d5,S
Nitrobenzene,T
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Naphthalene-d8,I
Time-->


Abundance
TIC: 7M147179.D\data.ms
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene-d10,I
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4,6-Dinitro-2-methylphenol,P
2-Diphenylhydrazine,I
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 7M147179.D\data.ms
Butylbenzylphthalate,P
4,4'-DDT
3,3'-Dichlorobenzidine,P
Chrysene-d12,I
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 20PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147173.D Sam Mult : 1 Vial# : 7 Qt On : 11/10/25 10:37
Acq On : 11/10/25 10:19 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	37853	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.587	152	80782	40.00	ng	-0.01
31) Naphthalene-d8	5.574	136	298647	40.00	ng	-0.01
50) Acenaphthene-d10	7.014	164	177350	40.00	ng	-0.02
76) Phenanthrene-d10	8.495	188	348946	40.00	ng	-0.02
90) Chrysene-d12	11.603	240	313606	40.00	ng	-0.02
102) Perylene-d12	13.912	264	303019	40.00	ng	-0.03
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	43986	20.23	ng	-0.01
Spiked Amount 100.000			Recovery = 20.23%			
16) Phenol-d5	4.258	99	56319	20.31	ng	-0.01
Spiked Amount 100.000			Recovery = 20.31%			
32) Nitrobenzene-d5	5.016	128	11045	10.69	ng	-0.02
Spiked Amount 50.000			Recovery = 21.38%			
55) 2-Fluorobiphenyl	6.421	172	56846	10.46	ng	-0.01
Spiked Amount 50.000			Recovery = 20.92%			
79) 2,4,6-Tribromophenol	7.760	330	18686	21.18	ng	-0.02
Spiked Amount 100.000			Recovery = 21.18%			
93) Terphenyl-d14	10.304	244	75133	10.94	ng	-0.02
Spiked Amount 50.000			Recovery = 21.88%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	21731	25.2483	ng	86
9) Pyridine	2.490	79	45697	19.9560	ng	64
10) N-Nitrosodimethylamine	2.443	74	26987	20.1735	ng	67
12) Benzaldehyde	4.235	77	41735	24.4824	ng	67
13) Aniline	4.317	93	67059	22.0143	ng	58
14) Pentachloroethane	4.358	117	16092	21.7490	ng	66
15) bis(2-Chloroethyl)ether	4.364	93	41968	21.4679	ng	72
17) Phenol	4.270	94	55956	21.5932	ng	82
18) 2-Chlorophenol	4.411	128	47750	22.5904	ng	75
19) N-Decane	4.441	57	38270	19.5648	ng	98
20) 1,3-Dichlorobenzene	4.540	146	53640	21.8829	ng	97
22) 1,4-Dichlorobenzene	4.599	146	54224	19.7208	ng	97
23) 1,2-Dichlorobenzene	4.723	146	51202	19.8672	ng	98
24) Benzyl alcohol	4.681	108	30279	19.2870	ng	70
25) bis(2-chloroisopropyl)...	4.793	45	42063	17.6783	ng	82
26) 2-Methylphenol	4.764	108	40779	19.8368	ng	98
27) Acetophenone	4.899	105	73299	22.2906	ng	56
28) Hexachloroethane	4.987	117	18722	18.9964	ng	78
29) N-Nitroso-di-n-propyla...	4.893	70	30705	19.9491	ng	71
30) 3&4-Methylphenol	4.881	108	43785	19.7969	ng	88
33) Nitrobenzene	5.034	77	44802	21.3565	ng	74
34) Isophorone	5.216	82	82202	19.4539	ng	77
35) 2-Nitrophenol	5.281	139	25225	23.3422	ng	78
36) 2,4-Dimethylphenol	5.298	107	44678	19.8049	ng	89
37) Benzoic Acid	5.334	105	31160	20.4094	ng	88
38) bis(2-Chloroethoxy)met...	5.375	93	49762	19.0817	ng	95
39) 2,4-Dichlorophenol	5.457	162	41067	21.0365	ng	86
40) 1,2,4-Trichlorobenzene	5.527	180	45687	20.8427	ng	93
41) Naphthalene	5.592	128	138730	20.4124	ng	98
42) 4-Chloroaniline	5.622	127	54817m	22.2586	ng	
43) Hexachlorobutadiene	5.674	225	27342	21.6624	ng	98
44) Caprolactam	5.880	113	15997	21.1020	ng	65
45) 4-Chloro-3-methylphenol	5.986	107	37786	20.4871	ng	76
46) 2-Methylnaphthalene	6.127	142	87944	20.3149	ng	99
47) 1-Methylnaphthalene	6.209	142	90479	20.7772	ng	89
48) Methylnaphthalenes (To...	6.209	142	178742m	41.1125	ng	
49) 1,1'-Biphenyl	6.503	154	122572	20.6950	ng	93
51) 1,2,4,5-Tetrachloroben...	6.262	216	57841	23.9994	ng	99
52) Hexachlorocyclopentadiene	6.250	237	29737	20.0723	ng	96
53) 2,4,6-Trichlorophenol	6.350	196	32907	21.7484	ng	100
54) 2,4,5-Trichlorophenol	6.379	196	32722	21.1814	ng	97
56) 2-Chloronaphthalene	6.532	162	91001	21.0946	ng	88
57) 1,4-Dimethylnaphthalene	6.814	156	75756	21.5251	ng	84
58) Dimethylnaphthalenes (...	6.814	156	75756	21.5251	ng	84
59) Diphenyl Ether	6.591	170	80483	23.8039	ng	74
60) 2-Nitroaniline	6.609	65	28139	23.8740	ng	29
61) Acenaphthylene	6.891	152	143113	20.4444	ng	98
62) Dimethylphthalate	6.750	163	105958	20.7863	ng	99
63) 2,6-Dinitrotoluene	6.808	165	23752	24.7606	ng	64
64) Acenaphthene	7.043	153	90128	20.2793	ng	92
65) 3-Nitroaniline	6.961	138	25330	23.3580	ng	66

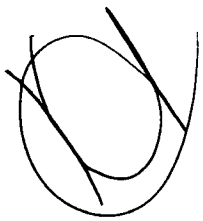
Quantitation Report (QT Reviewed)

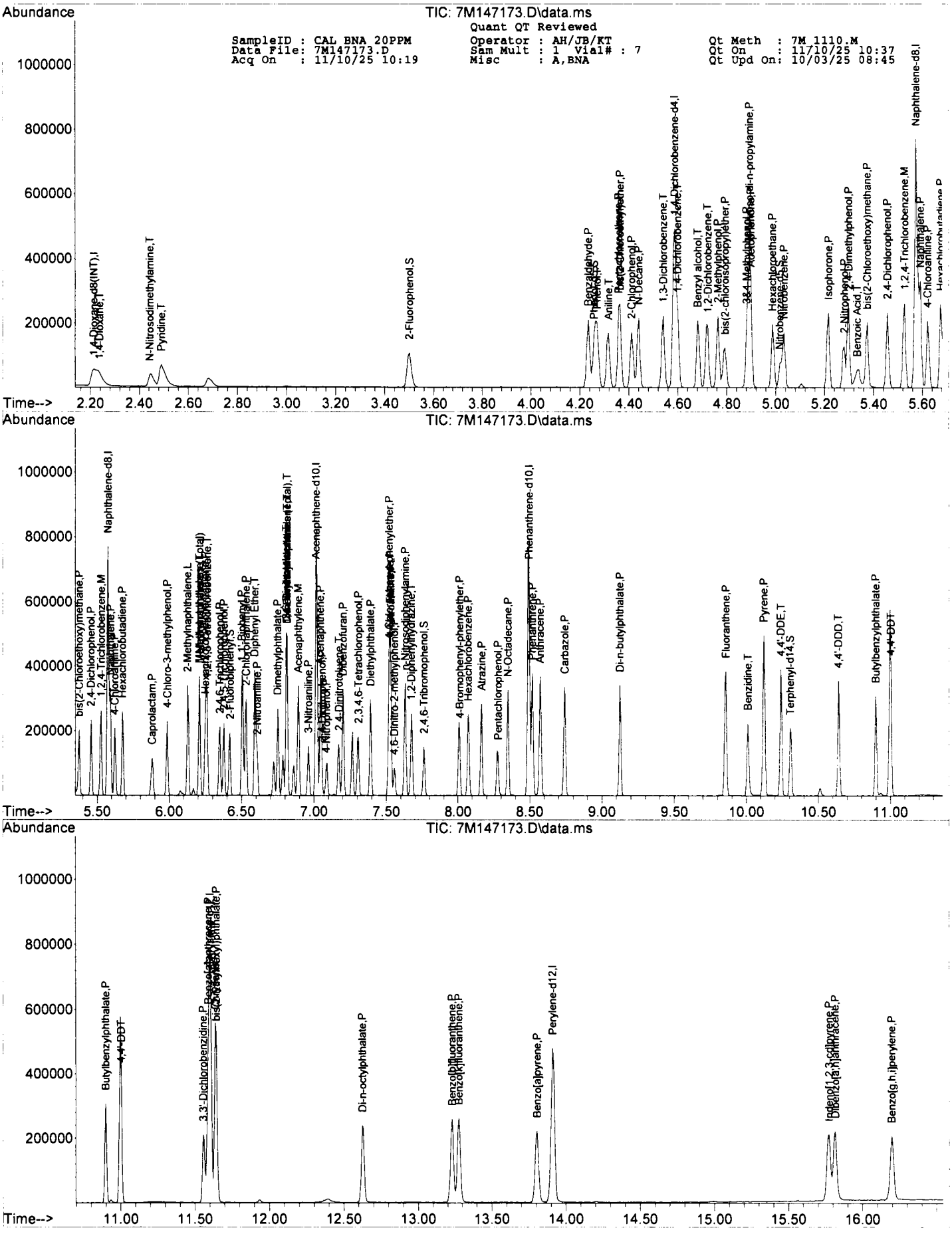
SampleID : CAL BNA 20PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147173.D Sam Mult : 1 Vial# : 7 Qt On : 11/10/25 10:37
Acq On : 11/10/25 10:19 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.055	184	8872	18.0151	ng	33
67)	Dibenzofuran	7.202	168	131168	20.9852	ng	79
68)	2,4-Dinitrotoluene	7.173	165	32304	26.1094	ng	54
69)	4-Nitrophenol	7.085	65	15027	19.9535	ng	90
70)	2,3,4,6-Tetrachlorophenol	7.308	232	26968	20.9113	ng	79
71)	Fluorene	7.525	166	106040	20.8519	ng	96
72)	4-Chlorophenyl-phenyle...	7.519	204	53322	21.2947	ng	76
73)	Diethylphthalate	7.390	149	102287	20.1728	ng	95
74)	4-Nitroaniline	7.531	138	26416	22.9764	ng	68
75)	Atrazine	8.166	200	38415	23.5412	ng	95
77)	4,6-Dinitro-2-methylph...	7.555	198	15564	24.2139	ng	71
78)	n-Nitrosodiphenylamine	7.631	169	92480	19.8764	ng	97
80)	1,2-Diphenylhydrazine	7.672	77	100383	19.6061	ng	78
81)	4-Bromophenyl-phenylether	8.013	248	34878	21.0059	ng	72
82)	Hexachlorobenzene	8.072	284	37720	19.8189	ng	62
83)	N-Octadecane	8.348	57	50386	16.4165	ng	61
84)	Pentachlorophenol	8.277	266	21170	17.8236	ng	99
85)	Phenanthrene	8.518	178	151365	19.1010	ng	99
86)	Anthracene	8.571	178	157181	19.3827	ng	98
87)	Carbazole	8.741	167	142835	19.2075	ng	95
88)	Di-n-butylphthalate	9.123	149	179598	19.1468	ng	97
89)	Fluoranthene	9.858	202	182482	20.5275	ng	82
91)	Pyrene	10.122	202	227582	25.7019	ng	86
92)	Benzidine	10.011	184	98095	22.0340	ng	82
94)	4,4'-DDE	10.240	246	45809	23.9434	ng	92
95)	4,4'-DDD	10.639	235	75323	20.7101	ng	93
96)	Butylbenzylphthalate	10.898	149	75255	18.7710	ng	66
97)	4,4'-DDT	11.004	235	57698	23.5700	ng	96
98)	3,3'-Dichlorobenzidine	11.556	252	62245	21.3803	ng	95
99)	Benzo[a]anthracene	11.591	228	173266	19.6770	ng	99
100)	Chrysene	11.638	228	159540	20.2344	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.644	149	104174	19.1854	ng	97
103)	Di-n-octylphthalate	12.625	149	181857	20.1875	ng	99
104)	Benzo[b]fluoranthene	13.230	252	157050	19.7584	ng	96
105)	Benzo[k]fluoranthene	13.277	252	167350	21.6743	ng	90
106)	Benzo[a]pyrene	13.806	252	150513	20.0904	ng	88
107)	Indeno[1,2,3-cd]pyrene	15.774	276	147324m	19.8289	ng	
108)	Dibenzo[a,h]anthracene	15.816	278	149396	19.9380	ng	89
109)	Benzo[g,h,i]perylene	16.198	276	139233	19.2418	ng	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 7M147173.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 20PPM
Data File: 7M147173.D
Acq On : 11/10/25 10:19
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 10:37
Qt Upd On: 10/03/25 08:45
Time-->

Quantitation Report (QT Reviewed)

Data File: 7M147172.D
Acq On : 11/10/25 09:57
SampleID : CAL BNA 80PPM
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 10:37
Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	33086	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.588	152	65121	40.00	ng	-0.01
31) Naphthalene-d8	5.575	136	241587	40.00	ng	-0.01
50) Acenaphthene-d10	7.020	164	143131	40.00	ng	-0.01
76) Phenanthrene-d10	8.495	188	278910	40.00	ng	-0.02
90) Chrysene-d12	11.609	240	248524	40.00	ng	-0.02
102) Perylene-d12	13.912	264	254252	40.00	ng	-0.03
System Monitoring Compounds						
11) 2-Fluorophenol	3.501	112	130662	68.77	ng	-0.01
Spiked Amount 100.000			Recovery = 68.77%			
16) Phenol-d5	4.264	99	178685	73.73	ng	0.00
Spiked Amount 100.000			Recovery = 73.73%			
32) Nitrobenzene-d5	5.022	128	35204	42.11	ng	-0.01
Spiked Amount 50.000			Recovery = 84.22%			
55) 2-Fluorobiphenyl	6.421	172	170477	38.88	ng	-0.01
Spiked Amount 50.000			Recovery = 77.76%			
79) 2,4,6-Tribromophenol	7.766	330	58932	83.57	ng	-0.01
Spiked Amount 100.000			Recovery = 83.57%			
93) Terphenyl-d14	10.310	244	212771	39.08	ng	-0.02
Spiked Amount 50.000			Recovery = 78.16%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	66586	88.5098	ng	93
9) Pyridine	2.490	79	140025	69.9596	ng	63
10) N-Nitrosodimethylamine	2.443	74	89277	76.3522	ng	68
12) Benzaldehyde	4.235	77	131743	88.4174	ng	66
13) Aniline	4.317	93	195875	73.5670	ng	59
14) Pentachloroethane	4.364	117	49856	77.0909	ng	65
15) bis(2-Chloroethyl)ether	4.364	93	125585	73.4962	ng	73
17) Phenol	4.276	94	174180	76.8996	ng	81
18) 2-Chlorophenol	4.411	128	145597	78.8059	ng	76
19) N-Decane	4.441	57	112101	65.5664	ng	93
20) 1,3-Dichlorobenzene	4.541	146	171078	79.8483	ng	99
22) 1,4-Dichlorobenzene	4.599	146	167156	75.4134	ng	96
23) 1,2-Dichlorobenzene	4.723	146	158243	76.1670	ng	98
24) Benzyl alcohol	4.687	108	93712	74.0479	ng	68
25) bis(2-chloroisopropyl)...	4.793	45	120282	62.7096	ng	86
26) 2-Methylphenol	4.764	108	121927	73.5746	ng	97
27) Acetophenone	4.899	105	209841	79.1603	ng	55
28) Hexachloroethane	4.987	117	58029	73.0394	ng	90
29) N-Nitroso-di-n-propyla...	4.893	70	84529	68.1262	ng	74
30) 3&4-Methylphenol	4.887	108	131544	73.7795	ng	94
33) Nitrobenzene	5.034	77	132078	77.8301	ng	76
34) Isophorone	5.216	82	249127	72.8837	ng	83
35) 2-Nitrophenol	5.281	139	81388	93.1015	ng	80
36) 2,4-Dimethylphenol	5.298	107	134437	73.6687	ng	94
37) Benzoic Acid	5.369	105	116391	83.5311	ng	82
38) bis(2-Chloroethoxy)met...	5.375	93	149491	70.8629	ng	97
39) 2,4-Dichlorophenol	5.457	162	127161	80.5229	ng	85
40) 1,2,4-Trichlorobenzene	5.528	180	140846	79.4312	ng	96
41) Naphthalene	5.592	128	417876	76.0072	ng	98
42) 4-Chloroaniline	5.622	127	213499	107.1673	ng	96
43) Hexachlorobutadiene	5.675	225	84150	82.4168	ng	94
44) Caprolactam	5.904	113	50795	82.8304	ng	61
45) 4-Chloro-3-methylphenol	5.992	107	117106	78.4898	ng	71
46) 2-Methylnaphthalene	6.127	142	269253	76.8873	ng	95
47) 1-Methylnaphthalene	6.209	142	274482	77.9178	ng	88
48) Methylnaphthalenes (To...	6.209	142	544917m	154.9397	ng	
49) 1,1'-Biphenyl	6.509	154	372443	77.7353	ng	92
51) 1,2,4,5-Tetrachloroben...	6.262	216	175260	90.1042	ng	99
52) Hexachlorocyclopentadiene	6.250	237	100804	84.3092	ng	99
53) 2,4,6-Trichlorophenol	6.350	196	99555	81.5267	ng	100
54) 2,4,5-Trichlorophenol	6.385	196	104890	84.1293	ng	99
56) 2-Chloronaphthalene	6.532	162	269555	77.4230	ng	89
57) 1,4-Dimethylnaphthalene	6.814	156	220454	77.6146	ng	84
58) Dimethylnaphthalenes (...	6.814	156	220454	77.6146	ng	84
59) Diphenyl Ether	6.597	170	236511	86.6749	ng	69
60) 2-Nitroaniline	6.609	65	77064	81.0150	ng	33
61) Acenaphthylene	6.897	152	436753	77.3087	ng	97
62) Dimethylphthalate	6.756	163	318237	77.3556	ng	99
63) 2,6-Dinitrotoluene	6.814	165	70375	90.9025	ng	58
64) Acenaphthene	7.049	153	269832	75.2289	ng	95
65) 3-Nitroaniline	6.967	138	75810	86.6213	ng	66

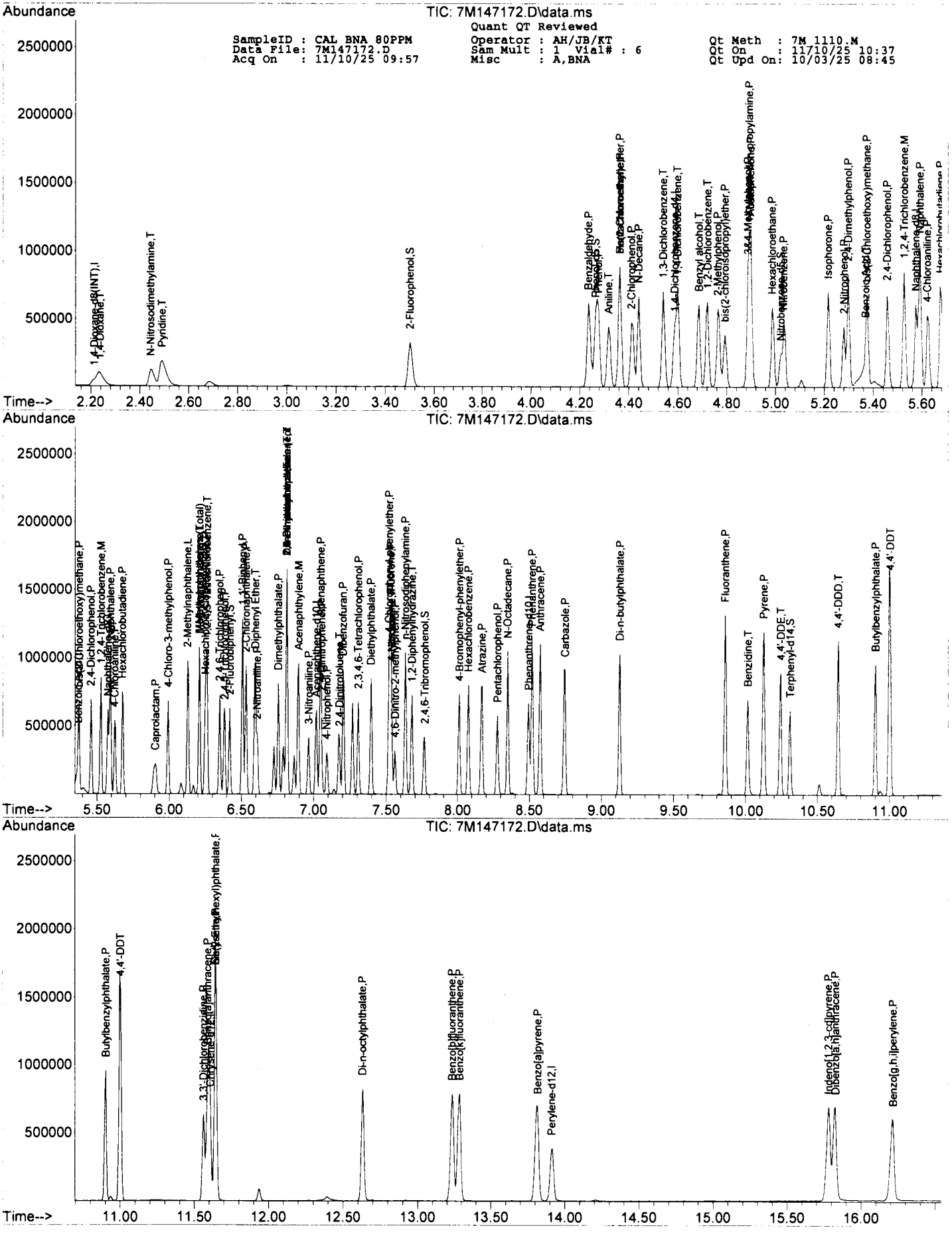
Quantitation Report (QT Reviewed)

SampleID : CAL BNA 80PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147172.D Sam Mult : 1 Vial# : 6 Qt On : 11/10/25 10:37
Acq On : 11/10/25 09:57 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.055	184	36617	85.8663	ng	38
67)	Dibenzofuran	7.202	168	393440	77.9940	ng	82
68)	2,4-Dinitrotoluene	7.179	165	100054	100.2011	ng	50
69)	4-Nitrophenol	7.091	65	47404	77.9935	ng	75
70)	2,3,4,6-Tetrachlorophenol	7.308	232	88536	85.0649	ng	80
71)	Fluorene	7.531	166	321095	78.2359	ng	98
72)	4-Chlorophenyl-phenyle...	7.519	204	165787	82.0378	ng	76
73)	Diethylphthalate	7.396	149	315138	77.0093	ng	95
74)	4-Nitroaniline	7.537	138	75015	80.8465	ng	71
75)	Atrazine	8.172	200	119249	90.5482	ng	94
77)	4,6-Dinitro-2-methylph...	7.561	198	56039	96.1167	ng	74
78)	n-Nitrosodiphenylamine	7.631	169	274897	73.9188	ng	99
80)	1,2-Diphenylhydrazine	7.678	77	258779	63.2346	ng	73
81)	4-Bromophenyl-phenylether	8.013	248	109271	82.3358	ng	76
82)	Hexachlorobenzene	8.078	284	116211	76.3921	ng	57
83)	N-Octadecane	8.348	57	157994	64.4030	ng	65
84)	Pentachlorophenol	8.277	266	77096	81.2085	ng	95
85)	Phenanthrene	8.518	178	471400	74.4243	ng	100
86)	Anthracene	8.577	178	479548	73.9844	ng	99
87)	Carbazole	8.747	167	448784	75.5036	ng	95
88)	Di-n-butylphthalate	9.129	149	568808	75.8671	ng	97
89)	Fluoranthene	9.858	202	570329	80.2669	ng	86
91)	Pyrene	10.128	202	571463	81.4387	ng	81
92)	Benzidine	10.017	184	306612	86.9063	ng	81
94)	4,4'-DDE	10.246	246	120056	79.1836	ng	91
95)	4,4'-DDD	10.645	235	235623	81.7503	ng	94
96)	Butylbenzylphthalate	10.904	149	248511	78.2191	ng	64
97)	4,4'-DDT	11.004	235	188837	97.3424	ng	96
98)	3,3'-Dichlorobenzidine	11.562	252	185698	80.4883	ng	95
99)	Benzo[a]anthracene	11.591	228	540338	77.4332	ng	98
100)	Chrysene	11.644	228	482336	77.1944	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.644	149	325560	75.6588	ng	95
103)	Di-n-octylphthalate	12.631	149	606053	80.1805	ng	99
104)	Benzo[b]fluoranthene	13.236	252	522884	78.4015	ng	96
105)	Benzo[k]fluoranthene	13.289	252	514978	79.4901	ng	91
106)	Benzo[a]pyrene	13.818	252	500635	79.6417	ng	89
107)	Indeno[1,2,3-cd]pyrene	15.781	276	503696m	80.7978	ng	
108)	Dibenzo[a,h]anthracene	15.828	278	476912	75.8554	ng	90
109)	Benzo[g,h,i]perylene	16.215	276	453109	74.6297	ng	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147172.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 80PPM
Data File: 7M147172.D
Acq On : 11/10/25 09:57
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 10:37
Qt Upd On: 10/03/25 08:45
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 120PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147171.D Sam Mult : 1 Vial# : 5 Qt On : 11/10/25 10:37
Acq On : 11/10/25 09:35 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

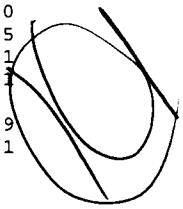
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	40143	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.587	152	71532	40.00	ng	-0.01
31) Naphthalene-d8	5.580	136	268543	40.00	ng	0.00
50) Acenaphthene-d10	7.020	164	157643	40.00	ng	-0.01
76) Phenanthrene-d10	8.495	188	335329	40.00	ng	-0.02
90) Chrysene-d12	11.615	240	287249	40.00	ng	-0.01
102) Perylene-d12	13.918	264	310371	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	258414	112.09	ng	0.00
Spiked Amount 100.000			Recovery = 112.09%			
16) Phenol-d5	4.270	99	299066	101.71	ng	0.00
Spiked Amount 100.000			Recovery = 101.71%			
32) Nitrobenzene-d5	5.022	128	57489	61.87	ng	-0.01
Spiked Amount 50.000			Recovery = 123.74%			
55) 2-Fluorobiphenyl	6.421	172	289416	59.93	ng	-0.01
Spiked Amount 50.000			Recovery = 119.86%			
79) 2,4,6-Tribromophenol	7.766	330	106607	125.74	ng	-0.01
Spiked Amount 100.000			Recovery = 125.74%			
93) Terphenyl-d14	10.310	244	370454	58.87	ng	-0.02
Spiked Amount 50.000			Recovery = 117.74%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	116309	127.4255	ng	89
9) Pyridine	2.490	79	267676	110.2264	ng	62
10) N-Nitrosodimethylamine	2.449	74	161359	113.7390	ng	71
12) Benzaldehyde	4.241	77	224288	124.0655	ng	67
13) Aniline	4.323	93	318084	98.4646	ng	58
14) Pentachloroethane	4.364	117	84813	108.0893	ng	65
15) bis(2-Chloroethyl)ether	4.370	93	217825	105.0676	ng	73
17) Phenol	4.282	94	275883	100.3887	ng	80
18) 2-Chlorophenol	4.417	128	246239	109.8493	ng	74
19) N-Decane	4.441	57	179583	86.5709	ng	94
20) 1,3-Dichlorobenzene	4.540	146	284590	109.4777	ng	99
22) 1,4-Dichlorobenzene	4.599	146	279891	114.9572	ng	98
23) 1,2-Dichlorobenzene	4.723	146	262351	114.9598	ng	98
24) Benzyl alcohol	4.687	108	156106	112.2943	ng	66
25) bis(2-chloroisopropyl)...	4.793	45	184423	87.5325	ng	82
26) 2-Methylphenol	4.770	108	196394	107.8890	ng	98
27) Acetophenone	4.905	105	320504	110.0705	ng	51
28) Hexachloroethane	4.993	117	95873	109.8573	ng	70
29) N-Nitroso-di-n-propyla...	4.899	70	122905	90.1777	ng	75
30) 3&4-Methylphenol	4.893	108	212182	108.3412	ng	97
33) Nitrobenzene	5.040	77	206120	109.2690	ng	71
34) Isophorone	5.222	82	409155	107.6855	ng	79
35) 2-Nitrophenol	5.281	139	137455	141.4544	ng	79
36) 2,4-Dimethylphenol	5.304	107	215305	106.1398	ng	88
37) Benzoic Acid	5.392	105	193164m	117.5222	ng	
38) bis(2-Chloroethoxy)met...	5.381	93	252026	107.4754	ng	96
39) 2,4-Dichlorophenol	5.463	162	217549	123.9317	ng	83
40) 1,2,4-Trichlorobenzene	5.527	180	241984	122.7702	ng	96
41) Naphthalene	5.592	128	669392	109.5337	ng	98
42) 4-Chloroaniline	5.627	127	255122m	115.2057	ng	
43) Hexachlorobutadiene	5.680	225	145957	128.6016	ng	98
44) Caprolactam	5.921	113	87570	128.4647	ng	58
45) 4-Chloro-3-methylphenol	5.998	107	202196	121.9175	ng	71
46) 2-Methylnaphthalene	6.133	142	455891	117.1156	ng	96
47) 1-Methylnaphthalene	6.215	142	449318	114.7457	ng	88
48) Methylnaphthalenes (To...	6.133	142	905208m	231.5477	ng	
49) 1,1'-Biphenyl	6.509	154	614745	115.4285	ng	91
51) 1,2,4,5-Tetrachloroben...	6.262	216	302897	141.3892	ng	98
52) Hexachlorocyclopentadiene	6.250	237	175392	133.1882	ng	99
53) 2,4,6-Trichlorophenol	6.356	196	171748	127.6989	ng	96
54) 2,4,5-Trichlorophenol	6.385	196	186021	135.4672	ng	98
56) 2-Chloronaphthalene	6.538	162	443483	115.6535	ng	87
57) 1,4-Dimethylnaphthalene	6.820	156	349568	111.7420	ng	82
58) Dimethylnaphthalenes (...	6.820	156	349568	111.7420	ng	82
59) Diphenyl Ether	6.597	170	380809	126.7093	ng	70
60) 2-Nitroaniline	6.614	65	115863	110.5905	ng	21
61) Acenaphthylene	6.897	152	676737	108.7605	ng	98
62) Dimethylphthalate	6.761	163	525222	115.9159	ng	99
63) 2,6-Dinitrotoluene	6.820	165	113981	133.6747	ng	54
64) Acenaphthene	7.049	153	433147	109.6442	ng	94
65) 3-Nitroaniline	6.973	138	117487	121.8842	ng	63

Quantitation Report (QT Reviewed)

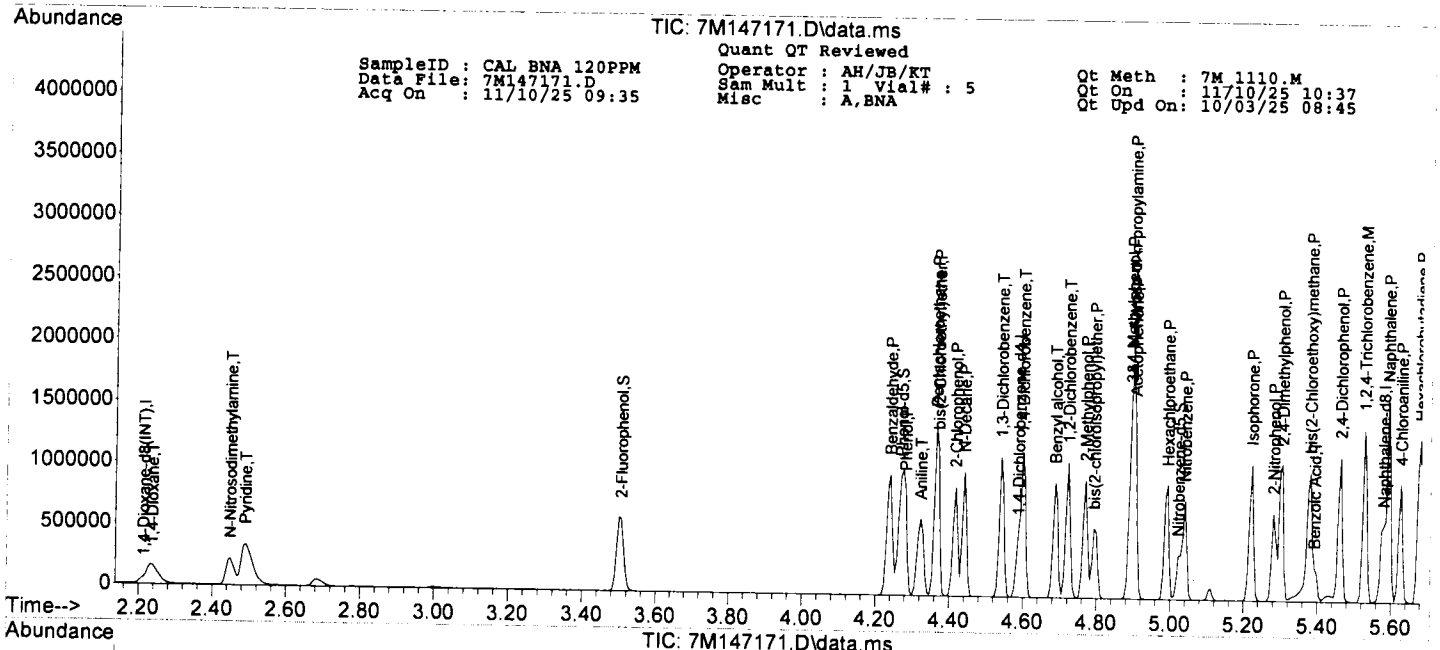
SampleID : CAL BNA 120PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147171.D Sam Mult : 1 Vial# : 5 Qt On : 11/10/25 10:37
Acq On : 11/10/25 09:35 Misc : A,BNA Qt Upd On: 10/03/25 08:45

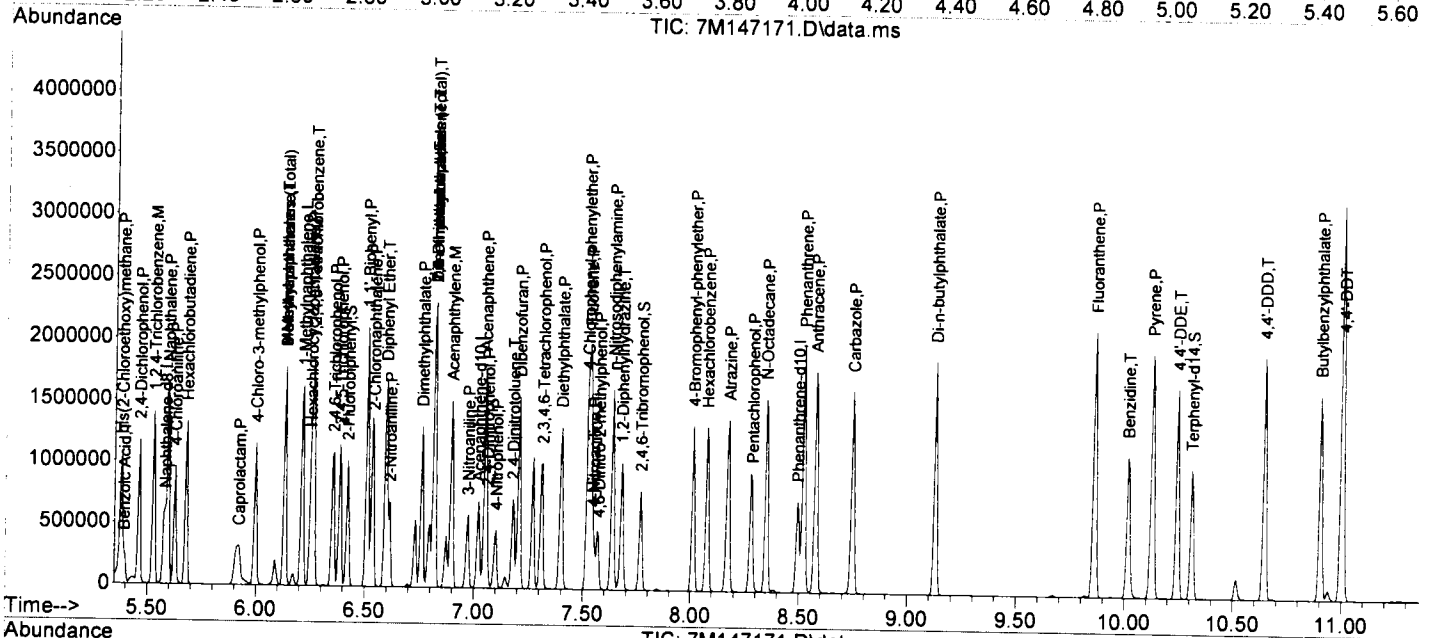
Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

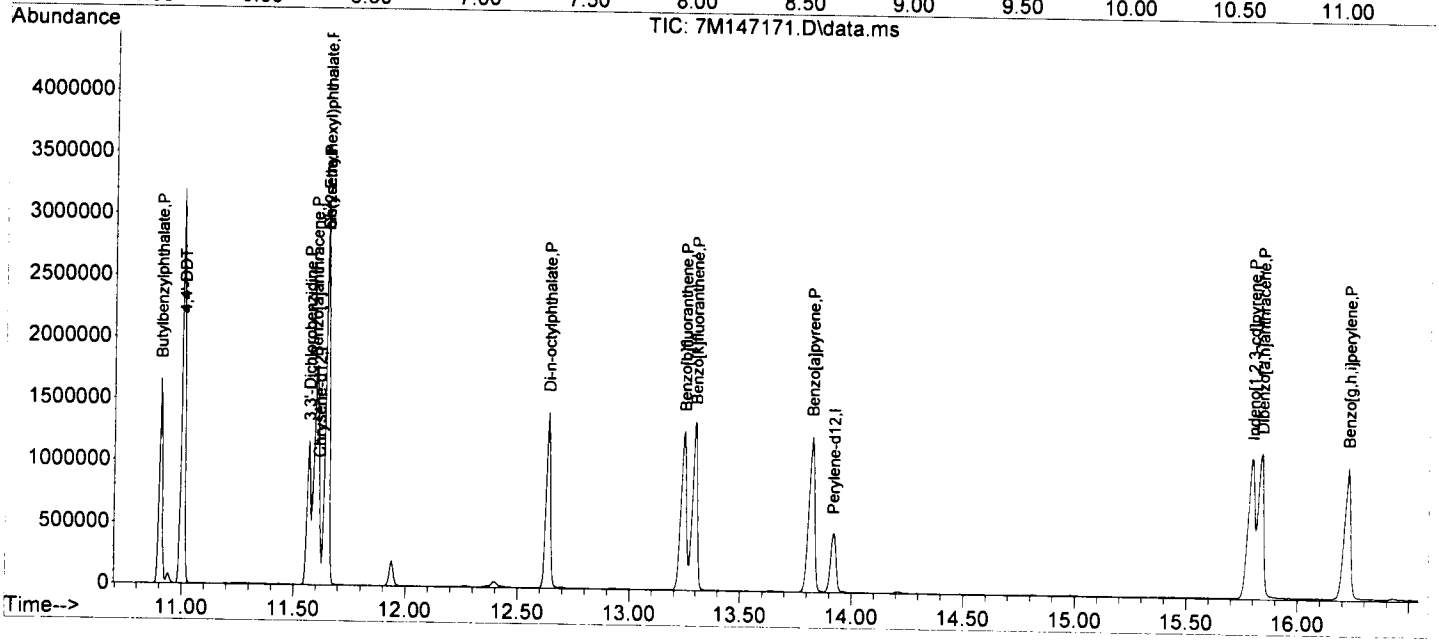
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	65665	133.4474	ng	29
67)	Dibenzofuran	7.208	168	641554	115.4715	ng	81
68)	2,4-Dinitrotoluene	7.179	165	167948	152.7115	ng	57
69)	4-Nitrophenol	7.102	65	71785	107.2349	ng	68
70)	2,3,4,6-Tetrachlorophenol	7.314	232	154795	135.0350	ng	80
71)	Fluorene	7.531	166	528044	116.8158	ng	97
72)	4-Chlorophenyl-phenyle...	7.519	204	290511	130.5224	ng	78
73)	Diethylphthalate	7.402	149	537660	119.2915	ng	95
74)	4-Nitroaniline	7.549	138	123846	121.1864	ng	69
75)	Atrazine	8.177	200	208653	143.8496	ng	95
77)	4,6-Dinitro-2-methylph...	7.572	198	98007	131.9924	ng	81
78)	n-Nitrosodiphenylamine	7.637	169	447602	100.1083	ng	99
80)	1,2-Diphenylhydrazine	7.678	77	375414	76.3008	ng	72
81)	4-Bromophenyl-phenylether	8.013	248	196249	122.9940	ng	78
82)	Hexachlorobenzene	8.078	284	208461	113.9774	ng	61
83)	N-Octadecane	8.348	57	262203	88.8988	ng	66
84)	Pentachlorophenol	8.283	266	140671	123.2444	ng	96
85)	Phenanthrene	8.524	178	803063	105.4552	ng	100
86)	Anthracene	8.577	178	809860	103.9228	ng	99
87)	Carbazole	8.747	167	754084	105.5221	ng	95
88)	Di-n-butylphthalate	9.129	149	1009050	111.9421	ng	97
89)	Fluoranthene	9.864	202	1002196	117.3159	ng	85
91)	Pyrene	10.128	202	970397	119.6471	ng	83
92)	Benzidine	10.016	184	527826	129.4383	ng	83
94)	4,4'-DDE	10.246	246	210030	119.8513	ng	91
95)	4,4'-DDD	10.645	235	420327	126.1737	ng	94
96)	Butylbenzylphthalate	10.904	149	440306	119.9034	ng	68
97)	4,4'-DDT	11.009	235	335895	149.8057	ng	96
98)	3,3'-Dichlorobenzidine	11.568	252	322204	120.8276	ng	93
99)	Benzo[a]anthracene	11.597	228	926254	114.8423	ng	98
100)	Chrysene	11.650	228	798168	110.5198	ng	100
101)	bis(2-Ethylhexyl)phtha...	11.650	149	538000	108.1734	ng	96
103)	Di-n-octylphthalate	12.637	149	1092503	118.4034	ng	100
104)	Benzo[b]fluoranthene	13.248	252	937034	115.0952	ng	95
105)	Benzo[k]fluoranthene	13.301	252	898436	113.6044	ng	91
106)	Benzo[a]pyrene	13.824	252	901424	117.4713	ng	93
107)	Indeno[1,2,3-cd]pyrene	15.798	276	930538m	122.2780	ng	
108)	Dibenzo[a,h]anthracene	15.839	278	848982	110.6190	ng	89
109)	Benzo[g,h,i]perylene	16.227	276	815975	110.0953	ng	71



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147171.D\data.ms
SampleID : CAL BNA 120PPM
Data File: 7M147171.D
Acq On : 11/10/25 09:35
Quant QT Reviewed
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 10:37
Qt Upd On: 10/03/25 08:45
1,4-Dioxane,I
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
n-Decane,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Hexachloroethane,P
Nitrobenzene,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Time-->


Abundance
TIC: 7M147171.D\data.ms
Benzoic Acid,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
1-Methylnaphthalene,I
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,P
2-Fluorobiphenyl,I
2-Chloronaphthalene,P
Diphenyl Ether,T
2-Nitroaniline,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene-d10,I
Acenaphthene,P
2,4-Dinitrophenol,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Chlorophenyl-phenylether,P
4,6-Dinitro-2-methylphenol,P
Fluorene-d10,I
1,2-Diphenylhydrazine,T
N-Nitrosodiphenylamine,P
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 7M147171.D\data.ms
Butylbenzylphthalate,P
4,4'-DDT
Di-n-octylphthalate,P
Benzo(b)fluoranthene,P
Benzo(k)fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 160PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147170.D Sam Mult : 1 Vial# : 4 Qt On : 11/10/25 10:37
Acq On : 11/10/25 09:13 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	33919	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.587	152	59562	40.00	ng	-0.01
31) Naphthalene-d8	5.574	136	215501	40.00	ng	-0.01
50) Acenaphthene-d10	7.020	164	122394	40.00	ng	-0.01
76) Phenanthrene-d10	8.495	188	267198	40.00	ng	-0.02
90) Chrysene-d12	11.615	240	232513	40.00	ng	-0.01
102) Perylene-d12	13.918	264	250440	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	277841	142.63	ng	0.00
Spiked Amount 100.000			Recovery = 142.63%			
16) Phenol-d5	4.270	99	317368	127.74	ng	0.00
Spiked Amount 100.000			Recovery = 127.74%			
32) Nitrobenzene-d5	5.022	128	63093	84.61	ng	-0.01
Spiked Amount 50.000			Recovery = 169.22%			
55) 2-Fluorobiphenyl	6.421	172	307079	81.90	ng	-0.01
Spiked Amount 50.000			Recovery = 163.80%			
79) 2,4,6-Tribromophenol	7.766	330	112368	166.33	ng	-0.01
Spiked Amount 100.000			Recovery = 166.33%			
93) Terphenyl-d14	10.310	244	392284	77.02	ng	-0.02
Spiked Amount 50.000			Recovery = 154.04%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	128175	166.1931	ng	90
9) Pyridine	2.490	79	292088	142.3498	ng	61
10) N-Nitrosodimethylamine	2.449	74	177292	147.9013	ng	70
12) Benzaldehyde	4.241	77	238703	156.2678	ng	66
13) Aniline	4.323	93	327158	119.8568	ng	58
14) Pentachloroethane	4.364	117	93442	140.9383	ng	66
15) bis(2-Chloroethyl)ether	4.370	93	229630	131.0861	ng	73
17) Phenol	4.282	94	292346	125.8995	ng	81
18) 2-Chlorophenol	4.417	128	267449	141.2045	ng	74
19) N-Decane	4.440	57	192965	110.0910	ng	92
20) 1,3-Dichlorobenzene	4.540	146	307581	140.0337	ng	98
22) 1,4-Dichlorobenzene	4.599	146	306215	151.0445	ng	97
23) 1,2-Dichlorobenzene	4.722	146	280658	147.6970	ng	98
24) Benzyl alcohol	4.687	108	159645	137.9192	ng	66
25) bis(2-chloroisopropyl)...	4.793	45	190783	108.7490	ng	78
26) 2-Methylphenol	4.769	108	211223	139.3546	ng	98
27) Acetophenone	4.905	105	340448	140.4169	ng	51
28) Hexachloroethane	4.993	117	103950	143.0501	ng	71
29) N-Nitroso-di-n-propyla...	4.899	70	127988	112.7794	ng	75
30) 3&4-Methylphenol	4.893	108	220059	134.9446	ng	95
33) Nitrobenzene	5.040	77	221775	146.5055	ng	72
34) Isophorone	5.222	82	399766	131.1112	ng	77
35) 2-Nitrophenol	5.281	139	140370	180.0092	ng	79
36) 2,4-Dimethylphenol	5.304	107	206133	126.6299	ng	87
37) Benzoic Acid	5.398	105	191544m	139.9071	ng	
38) bis(2-Chloroethoxy)met...	5.381	93	243556	129.4277	ng	95
39) 2,4-Dichlorophenol	5.463	162	228430	162.1598	ng	83
40) 1,2,4-Trichlorobenzene	5.527	180	260964	164.9876	ng	96
41) Naphthalene	5.592	128	707115	144.1855	ng	98
42) 4-Chloroaniline	5.627	127	264130m	148.6306	ng	
43) Hexachlorobutadiene	5.680	225	157907	173.3753	ng	98
44) Caprolactam	5.921	113	90053	164.6233	ng	57
45) 4-Chloro-3-methylphenol	5.997	107	211519	158.9306	ng	73
46) 2-Methylnaphthalene	6.133	142	474759	151.9818	ng	97
47) 1-Methylnaphthalene	6.215	142	470241	149.6469	ng	89
48) Methylnaphthalenes (To...	6.133	142	947250m	301.9404	ng	
49) 1,1'-Biphenyl	6.509	154	649907	152.0665	ng	92
51) 1,2,4,5-Tetrachloroben...	6.268	216	328315	197.3906	ng	96
52) Hexachlorocyclopentadiene	6.256	237	190668	186.4870	ng	97
53) 2,4,6-Trichlorophenol	6.356	196	184789	176.9645	ng	98
54) 2,4,5-Trichlorophenol	6.391	196	199893	187.4927	ng	100
56) 2-Chloronaphthalene	6.538	162	471282	158.2986	ng	87
57) 1,4-Dimethylnaphthalene	6.820	156	364509	150.0747	ng	84
58) Dimethylnaphthalenes (...	6.820	156	364509	150.0747	ng	84
59) Diphenyl Ether	6.597	170	407201	174.5117	ng	71
60) 2-Nitroaniline	6.614	65	120047	147.5839	ng	22
61) Acenaphthylene	6.896	152	706676	146.2804	ng	98
62) Dimethylphthalate	6.761	163	545082	154.9447	ng	99
63) 2,6-Dinitrotoluene	6.820	165	119738	180.8686	ng	54
64) Acenaphthene	7.049	153	453123	147.7342	ng	94
65) 3-Nitroaniline	6.973	138	119546	159.7376	ng	64

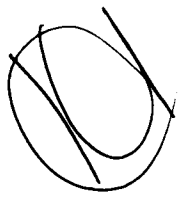
Quantitation Report (QT Reviewed)

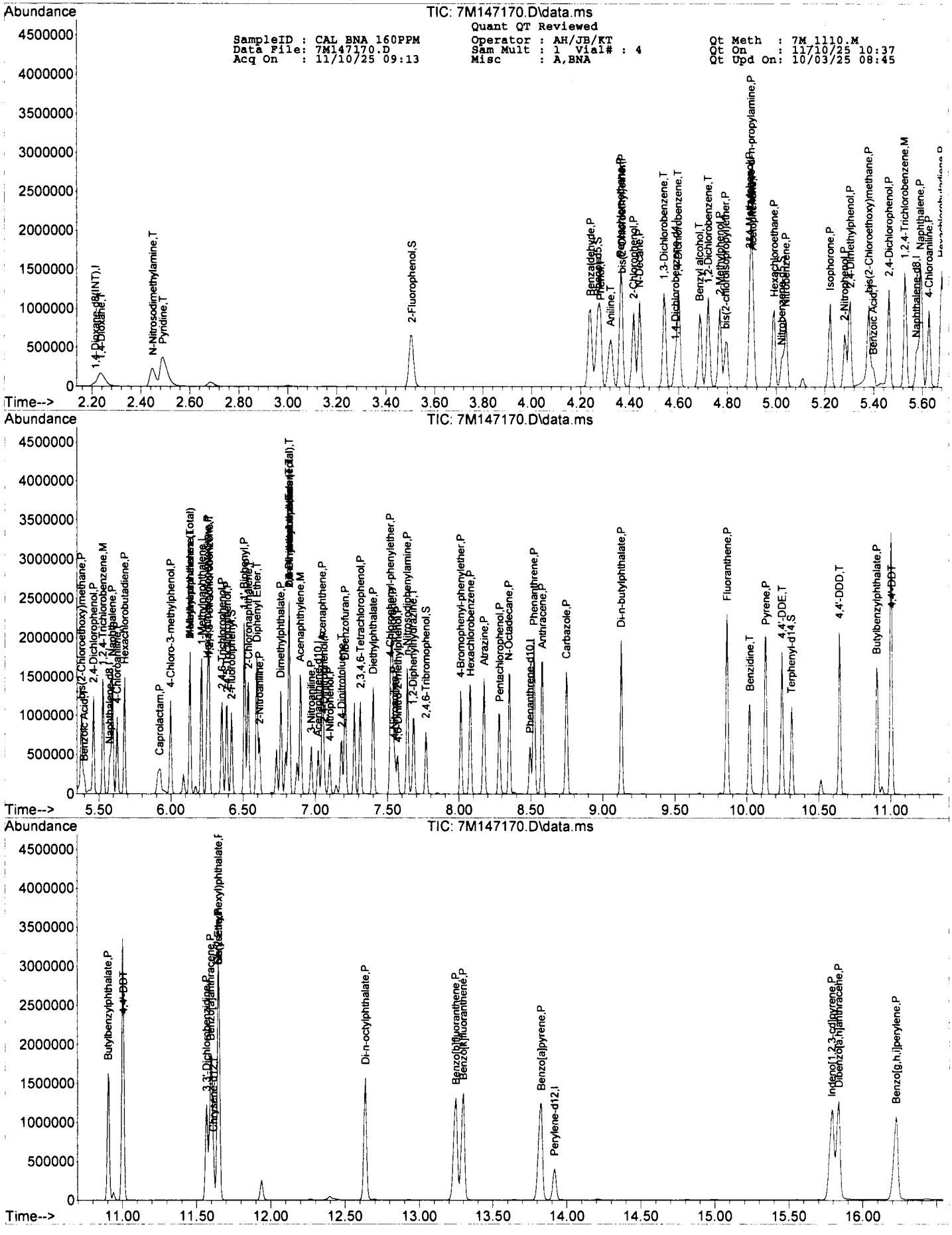
SampleID : CAL BNA 160PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147170.D Sam Mult : 1 Vial# : 4 Qt On : 11/10/25 10:37
Acq On : 11/10/25 09:13 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	71005	178.2260	ng	27
67)	Dibenzofuran	7.208	168	656797	152.2605	ng	80
68)	2,4-Dinitrotoluene	7.184	165	170032	199.1325	ng	49
69)	4-Nitrophenol	7.102	65	72802	140.0750	ng	69
70)	2,3,4,6-Tetrachlorophenol	7.314	232	166251	186.7964	ng	79
71)	Fluorene	7.537	166	550577	156.8788	ng	98
72)	4-Chlorophenyl-phenyle...	7.519	204	304099	175.9754	ng	78
73)	Diethylphthalate	7.402	149	562092	160.6289	ng	96
74)	4-Nitroaniline	7.549	138	127900	161.1970	ng	70
75)	Atrazine	8.177	200	225727	200.4389	ng	96
77)	4,6-Dinitro-2-methylph...	7.572	198	103463	166.0488	ng	82
78)	n-Nitrosodiphenylamine	7.637	169	462049	129.6892	ng	99
80)	1,2-Diphenylhydrazine	7.678	77	419099	106.8989	ng	72
81)	4-Bromophenyl-phenylether	8.013	248	205846	161.9037	ng	78
82)	Hexachlorobenzene	8.083	284	226445	155.3798	ng	54
83)	N-Octadecane	8.348	57	266952	113.5872	ng	66
84)	Pentachlorophenol	8.283	266	150330	165.2899	ng	94
85)	Phenanthrene	8.524	178	842941	138.9164	ng	99
86)	Anthracene	8.583	178	840798	135.4037	ng	99
87)	Carbazole	8.747	167	778778	136.7650	ng	95
88)	Di-n-butylphthalate	9.129	149	1068739	148.7957	ng	97
89)	Fluoranthene	9.864	202	1070528	157.2679	ng	85
91)	Pyrene	10.134	202	1020420	155.4329	ng	79
92)	Benzidine	10.022	184	551544	167.0950	ng	79
94)	4,4'-DDE	10.246	246	226852	159.9246	ng	91
95)	4,4'-DDD	10.645	235	456086	169.1373	ng	93
96)	Butylbenzylphthalate	10.904	149	468074	157.4718	ng	67
97)	4,4'-DDT	11.009	235	358664	197.6168	ng	96
98)	3,3'-Dichlorobenzidine	11.568	252	346633	160.5893	ng	95
99)	Benzo[a]anthracene	11.597	228	998565	152.9535	ng	98
100)	Chrysene	11.650	228	846896	144.8729	ng	100
101)	bis(2-Ethylhexyl)phtha...	11.650	149	576668	143.2437	ng	95
103)	Di-n-octylphthalate	12.637	149	1160382	155.8547	ng	99
104)	Benzo[b]fluoranthene	13.248	252	998969	152.0658	ng	95
105)	Benzo[k]fluoranthene	13.301	252	951642	149.1279	ng	91
106)	Benzo[a]pyrene	13.830	252	972512	157.0635	ng	89
107)	Indeno[1,2,3-cd]pyrene	15.792	276	988688m	161.0092	ng	
108)	Dibenzo[a,h]anthracene	15.839	278	909157	146.8073	ng	89
109)	Benzo[g,h,i]perylene	16.227	276	888025	148.4891	ng	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 7M147170.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 160PPM
Data File: 7M147170.D
Acq On : 11/10/25 09:13
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 10:37
Qt Upd On: 10/03/25 08:45
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 196PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147169.D Sam Mult : 1 Vial# : 3 Qt On : 11/10/25 11:09
Acq On : 11/10/25 08:51 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

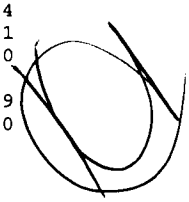
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	34194	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.587	152	59656	40.00	ng	-0.01
31) Naphthalene-d8	5.580	136	216179	40.00	ng	0.00
50) Acenaphthene-d10	7.026	164	119940	40.00	ng	0.00
76) Phenanthrene-d10	8.501	188	249655	40.00	ng	-0.01
90) Chrysene-d12	11.620	240	224821	40.00	ng	0.00
102) Perylene-d12	13.924	264	249811	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	360153	183.40	ng	0.00
Spiked Amount 100.000			Recovery = 183.40%			
16) Phenol-d5	4.276	99	397985	158.90	ng	0.00
Spiked Amount 100.000			Recovery = 158.90%			
32) Nitrobenzene-d5	5.028	128	81817	109.38	ng	0.00
Spiked Amount 50.000			Recovery = 218.76%			
55) 2-Fluorobiphenyl	6.426	172	390544	106.29	ng	0.00
Spiked Amount 50.000			Recovery = 212.58%			
79) 2,4,6-Tribromophenol	7.772	330	143208	226.87	ng	0.00
Spiked Amount 100.000			Recovery = 226.87%			
93) Terphenyl-d14	10.316	244	469875	95.41	ng	-0.01
Spiked Amount 50.000			Recovery = 190.82%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	167561	215.5141	ng	89
9) Pyridine	2.490	79	370227	178.9799	ng	63
10) N-Nitrosodimethylamine	2.449	74	229148	189.6235	ng	70
12) Benzaldehyde	4.241	77	296561	192.5834	ng	68
13) Aniline	4.329	93	422959	153.7080	ng	58
14) Pentachloroethane	4.370	117	116198	173.8516	ng	66
15) bis(2-Chloroethyl)ether	4.370	93	293076	165.9592	ng	74
17) Phenol	4.288	94	382316	163.3212	ng	81
18) 2-Chlorophenol	4.423	128	342328	179.2846	ng	72
19) N-Decane	4.446	57	257990	146.0055	ng	90
20) 1,3-Dichlorobenzene	4.546	146	388946	175.6529	ng	96
22) 1,4-Dichlorobenzene	4.605	146	387636	190.9051	ng	98
23) 1,2-Dichlorobenzene	4.723	146	360360	189.3416	ng	98
24) Benzyl alcohol	4.693	108	207031	178.5747	ng	66
25) bis(2-chloroisopropyl)...	4.799	45	271529	154.5315	ng	84
26) 2-Methylphenol	4.775	108	281792	185.6196	ng	99
27) Acetophenone	4.905	105	459401	189.1802	ng	63
28) Hexachloroethane	4.993	117	135464	186.1241	ng	82
29) N-Nitroso-di-n-propyla...	4.905	70	176135	154.9606	ng	75
30) 3&4-Methylphenol	4.899	108	291422	178.4242	ng	97
33) Nitrobenzene	5.046	77	298551	196.6055	ng	69
34) Isophorone	5.228	82	486240	158.9720	ng	75
35) 2-Nitrophenol	5.287	139	168323	215.1789	ng	76
36) 2,4-Dimethylphenol	5.304	107	266432	163.1589	ng	90
37) Benzoic Acid	5.410	105	253556m	174.6898	ng	
38) bis(2-Chloroethoxy)met...	5.381	93	322462	170.8215	ng	96
39) 2,4-Dichlorophenol	5.469	162	290476	205.5588	ng	82
40) 1,2,4-Trichlorobenzene	5.533	180	327292	206.2728	ng	95
41) Naphthalene	5.598	128	891715	181.2565	ng	98
42) 4-Chloroaniline	5.633	127	332372m	186.4450	ng	
43) Hexachlorobutadiene	5.680	225	201864	220.9431	ng	96
44) Caprolactam	5.939	113	104718	190.8316	ng	50
45) 4-Chloro-3-methylphenol	6.003	107	253550	189.9143	ng	71
46) 2-Methylnaphthalene	6.133	142	550031	175.5259	ng	97
47) 1-Methylnaphthalene	6.215	142	553114	175.4679	ng	89
48) Methylnaphthalenes (To...	6.215	142	1105949m	351.4208	ng	
49) 1,1'-Biphenyl	6.515	154	794463	185.3070	ng	90
51) 1,2,4,5-Tetrachloroben...	6.268	216	407238	249.8505	ng	99
52) Hexachlorocyclopentadiene	6.256	237	238276	237.8193	ng	99
53) 2,4,6-Trichlorophenol	6.356	196	233514	228.2018	ng	99
54) 2,4,5-Trichlorophenol	6.391	196	255333	244.3936	ng	98
56) 2-Chloronaphthalene	6.538	162	591463	202.7309	ng	89
57) 1,4-Dimethylnaphthalene	6.820	156	448993	188.6405	ng	85
58) Dimethylnaphthalenes (...	6.820	156	448993	188.6405	ng	85
59) Diphenyl Ether	6.597	170	515304	225.3592	ng	73
60) 2-Nitroaniline	6.620	65	154376	193.6705	ng	16
61) Acenaphthylene	6.902	152	888330	187.6447	ng	98
62) Dimethylphthalate	6.767	163	669136	194.0999	ng	98
63) 2,6-Dinitrotoluene	6.826	165	145571	224.3893	ng	51
64) Acenaphthene	7.055	153	544333	181.1030	ng	96
65) 3-Nitroaniline	6.979	138	146184	199.3278	ng	62

Quantitation Report (QT Reviewed)

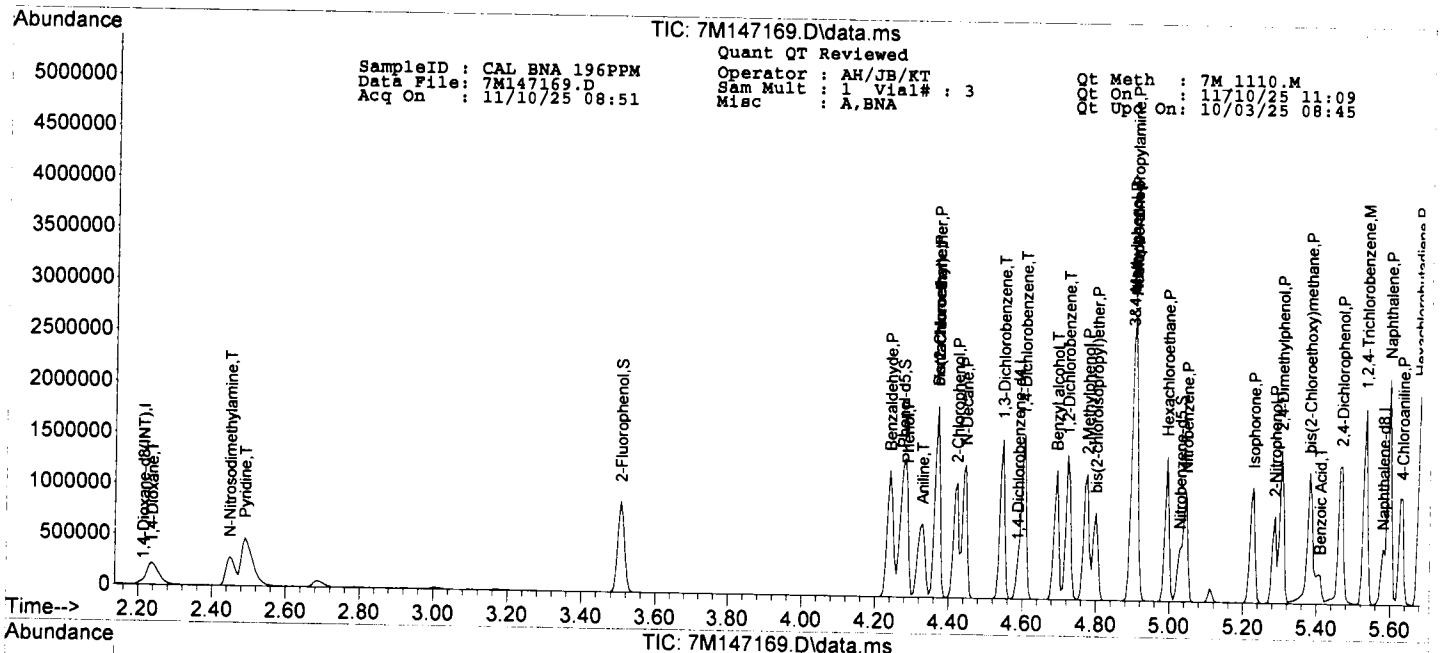
SampleID : CAL BNA 196PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147169.D Sam Mult : 1 Vial# : 3 Qt On : 11/10/25 11:09
Acq On : 11/10/25 08:51 Misc : A,BNA Qt Upd On: 10/03/25 08:45

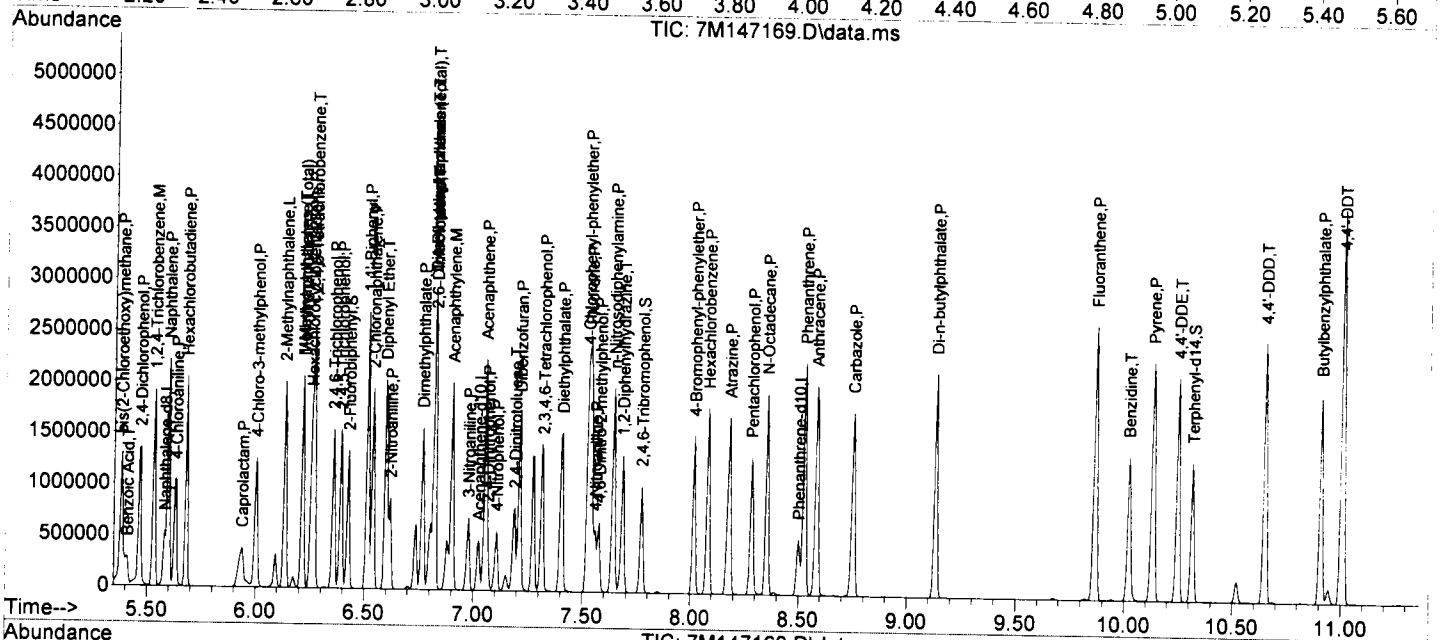
Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

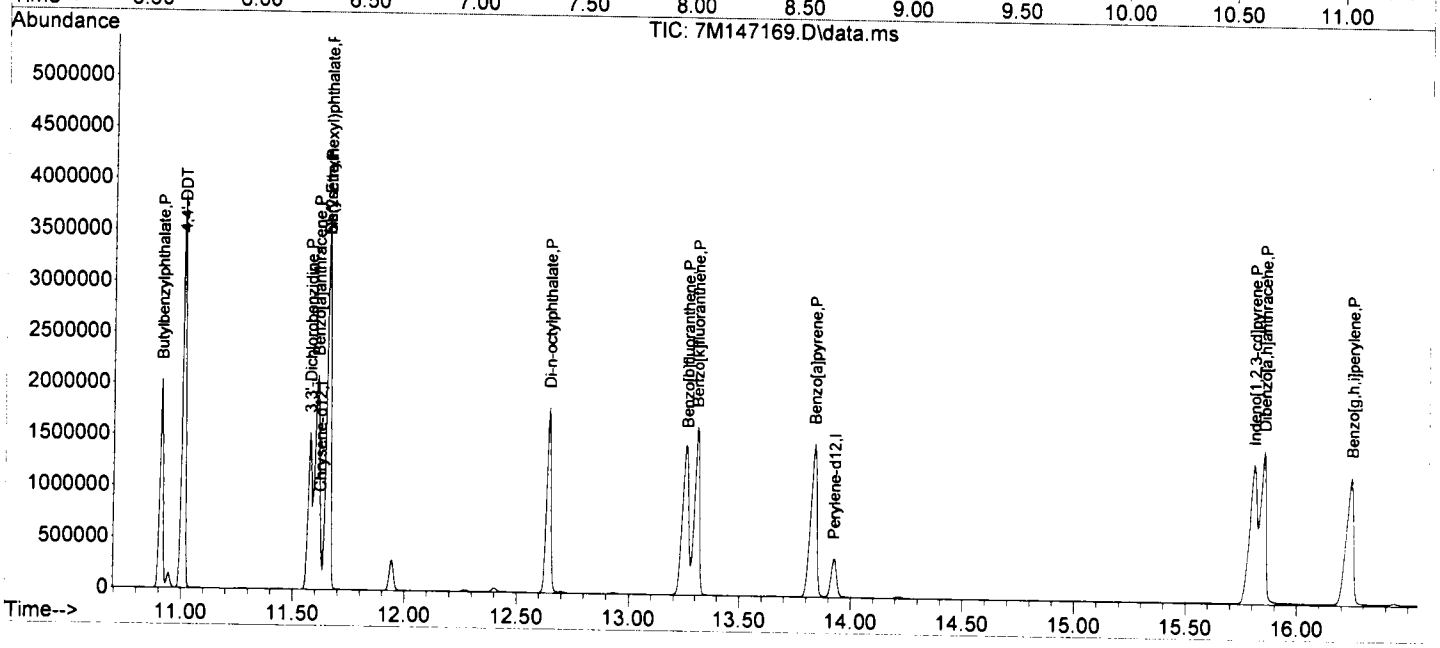
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.067	184	84197	209.6268	ng	26
67)	Dibenzofuran	7.214	168	772678	182.7893	ng	81
68)	2,4-Dinitrotoluene	7.190	165	208406	249.0679	ng	47
69)	4-Nitrophenol	7.108	65	86113	169.0760	ng	69
70)	2,3,4,6-Tetrachlorophenol	7.320	232	210418	241.2588	ng	80
71)	Fluorene	7.537	166	696033	202.3821	ng	98
72)	4-Chlorophenyl-phenyle...	7.525	204	372215	219.7996	ng	77
73)	Diethylphthalate	7.408	149	705440	205.7181	ng	94
74)	4-Nitroaniline	7.560	138	164931	212.1216	ng	69
75)	Atrazine	8.183	200	272646	247.0551	ng	95
77)	4,6-Dinitro-2-methylph...	7.578	198	132049	212.2818	ng	78
78)	n-Nitrosodiphenylamine	7.643	169	576059	173.0516	ng	99
80)	1,2-Diphenylhydrazine	7.684	77	524714	143.2426	ng	69
81)	4-Bromophenyl-phenylether	8.019	248	239211	201.3671	ng	75
82)	Hexachlorobenzene	8.083	284	285066	209.3487	ng	59
83)	N-Octadecane	8.354	57	300498	136.8455	ng	61
84)	Pentachlorophenol	8.283	266	189770	223.3167	ng	97
85)	Phenanthrene	8.530	178	991424	174.8673	ng	100
86)	Anthracene	8.583	178	982696	169.3756	ng	99
87)	Carbazole	8.753	167	897183	168.6302	ng	95
88)	Di-n-butylphthalate	9.135	149	1234971	184.0214	ng	97
89)	Fluoranthene	9.870	202	1268883	199.5063	ng	84
91)	Pyrene	10.134	202	1202421	189.4222	ng	82
92)	Benzidine	10.022	184	649918	203.6349	ng	82
94)	4,4'-DDE	10.251	246	282512	205.9776	ng	90
95)	4,4'-DDD	10.651	235	563469	216.1091	ng	93
96)	Butylbenzylphthalate	10.910	149	556510	193.6296	ng	64
97)	4,4'-DDT	11.009	235	441361	251.5015	ng	96
98)	3,3'-Dichlorobenzidine	11.573	252	430872	206.4454	ng	95
99)	Benzo[a]anthracene	11.609	228	1207504	191.2854	ng	100
100)	Chrysene	11.656	228	1002802	177.4119	ng	100
101)	bis(2-Ethylhexyl)phtha...	11.656	149	682052	175.2175	ng	94
103)	Di-n-octylphthalate	12.643	149	1409275	189.7609	ng	100
104)	Benzo[b]fluoranthene	13.260	252	1275104	194.5885	ng	94
105)	Benzo[k]fluoranthene	13.307	252	1076457	169.1119	ng	91
106)	Benzo[a]pyrene	13.836	252	1183765	191.6628	ng	90
107)	Indeno[1,2,3-cd]pyrene	15.804	276	1225609m	200.0947	ng	
108)	Dibenzo[a,h]anthracene	15.851	278	1108897	179.5114	ng	89
109)	Benzo[g,h,i]perylene	16.245	276	1092989	183.2219	ng	70



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147169.D\data.ms
SampleID : CAL BNA 196PPM
Data File: 7M147169.D
Acq On : 11/10/25 08:51
Quant QT Reviewed
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 11:09
Qt Upd On: 10/03/25 08:45
2-Fluorophenol,S
N-Nitrosodimethylamine,T
Pyridine,T
Benzaldehyde,P
Aniline,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,P
Benzoic Acid,T
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Time-->


Abundance
TIC: 7M147169.D\data.ms
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
Acenaphthylene,M
Acenaphthene,P
Dimethylphthalate,P
Diethylphthalate,P
2,3,4,6-Tetrachlorophenol,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Time-->


Abundance
TIC: 7M147169.D\data.ms
Butylbenzylphthalate,P
4,4'-DDT
Di-n-octylphthalate,P
Benzo(b)fluoranthene,P
Benzo(k)fluoranthene,P
Benzo(a)pyrene,P
Perylene-d12,I
Indeno(1,2,3-cd)pyrene,P
Dibenz(a,h)anthracene,P
Benzo(g,h,i)perylene,P
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 0.5PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147176.D Sam Mult : 1 Vial# : 10 Qt On : 11/10/25 11:46
Acq On : 11/10/25 11:26 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

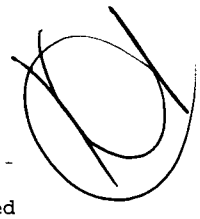
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.214	96	33641	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.587	152	71323	40.00	ng	-0.01
31) Naphthalene-d8	5.575	136	270884	40.00	ng	-0.01
50) Acenaphthene-d10	7.014	164	163878	40.00	ng	-0.02
76) Phenanthrene-d10	8.489	188	306296	40.00	ng	-0.02
90) Chrysene-d12	11.603	240	265285	40.00	ng	-0.02
102) Perylene-d12	13.912	264	249838	40.00	ng	-0.03
System Monitoring Compounds						
11) 2-Fluorophenol	0.000	112	0	0.00	ng	
Spiked Amount 100.000			Recovery =	0.00%		
16) Phenol-d5	0.000	99	0d	0.00	ng	
Spiked Amount 100.000			Recovery =	0.00%		
32) Nitrobenzene-d5	0.000	128	0	0.00	ng	
Spiked Amount 50.000			Recovery =	0.00%		
55) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
Spiked Amount 50.000			Recovery =	0.00%		
79) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
Spiked Amount 100.000			Recovery =	0.00%		
93) Terphenyl-d14	0.000	244	0d	0.00	ng	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
8) 1,4-Dioxane	2.243	88	413m	0.5399	ng	
9) Pyridine	0.000		0	N.D.	d	
10) N-Nitrosodimethylamine	0.000		0	N.D.	d	
12) Benzaldehyde	0.000		0	N.D.	d	
13) Aniline	4.317	93	1796m	0.6634	ng	
14) Pentachloroethane	0.000		0	N.D.	d	
15) bis(2-Chloroethyl)ether	4.358	93	1219	0.7016	ng	70
17) Phenol	0.000		0	N.D.	d	
18) 2-Chlorophenol	0.000		0	N.D.	d	
19) N-Decane	0.000		0	N.D.	d	
20) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
22) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
23) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
24) Benzyl alcohol	0.000		0	N.D.	d	
25) bis(2-chloroisopropyl)...	0.000		0	N.D.	d	
26) 2-Methylphenol	4.764	108	1033	0.5691	ng	100
27) Acetophenone	0.000		0	N.D.	d	
28) Hexachloroethane	0.000		0	N.D.	d	
29) N-Nitroso-di-n-propyla...	4.887	70	860	0.6328	ng	64
30) 3&4-Methylphenol	4.881	108	1302	0.6668	ng	96
33) Nitrobenzene	5.034	77	1317	0.6921	ng	97
34) Isophorone	0.000		0	N.D.	d	
35) 2-Nitrophenol	0.000		0	N.D.	d	
36) 2,4-Dimethylphenol	5.298	107	1116	0.5454	ng	80
37) Benzoic Acid	0.000		0	N.D.		
38) bis(2-Chloroethoxy)met...	0.000		0	N.D.	d	
39) 2,4-Dichlorophenol	5.457	162	1109	0.6263	ng	85
40) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
41) Naphthalene	0.000		0	N.D.	d	
42) 4-Chloroaniline	0.000		0	N.D.	d	
43) Hexachlorobutadiene	0.000		0	N.D.	d	
44) Caprolactam	0.000		0	N.D.		
45) 4-Chloro-3-methylphenol	0.000		0	N.D.	d	
46) 2-Methylnaphthalene	0.000		0	N.D.	d	
47) 1-Methylnaphthalene	0.000		0	N.D.	d	
48) Methylnaphthalenes (To...	0.000		0	N.D.	d	
49) 1,1'-Biphenyl	0.000		0	N.D.	d	
51) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	d	
52) Hexachlorocyclopentadiene	0.000		0	N.D.	d	
53) 2,4,6-Trichlorophenol	0.000		0	N.D.	d	
54) 2,4,5-Trichlorophenol	0.000		0	N.D.	d	
56) 2-Chloronaphthalene	0.000		0	N.D.	d	
57) 1,4-Dimethylnaphthalene	0.000		0	N.D.	d	
58) Dimethylnaphthalenes (...	0.000		0	N.D.	d	
59) Diphenyl Ether	0.000		0	N.D.	d	
60) 2-Nitroaniline	0.000		0	N.D.	d	
61) Acenaphthylene	0.000		0	N.D.	d	
62) Dimethylphthalate	0.000		0	N.D.	d	
63) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
64) Acenaphthene	0.000		0	N.D.	d	
65) 3-Nitroaniline	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

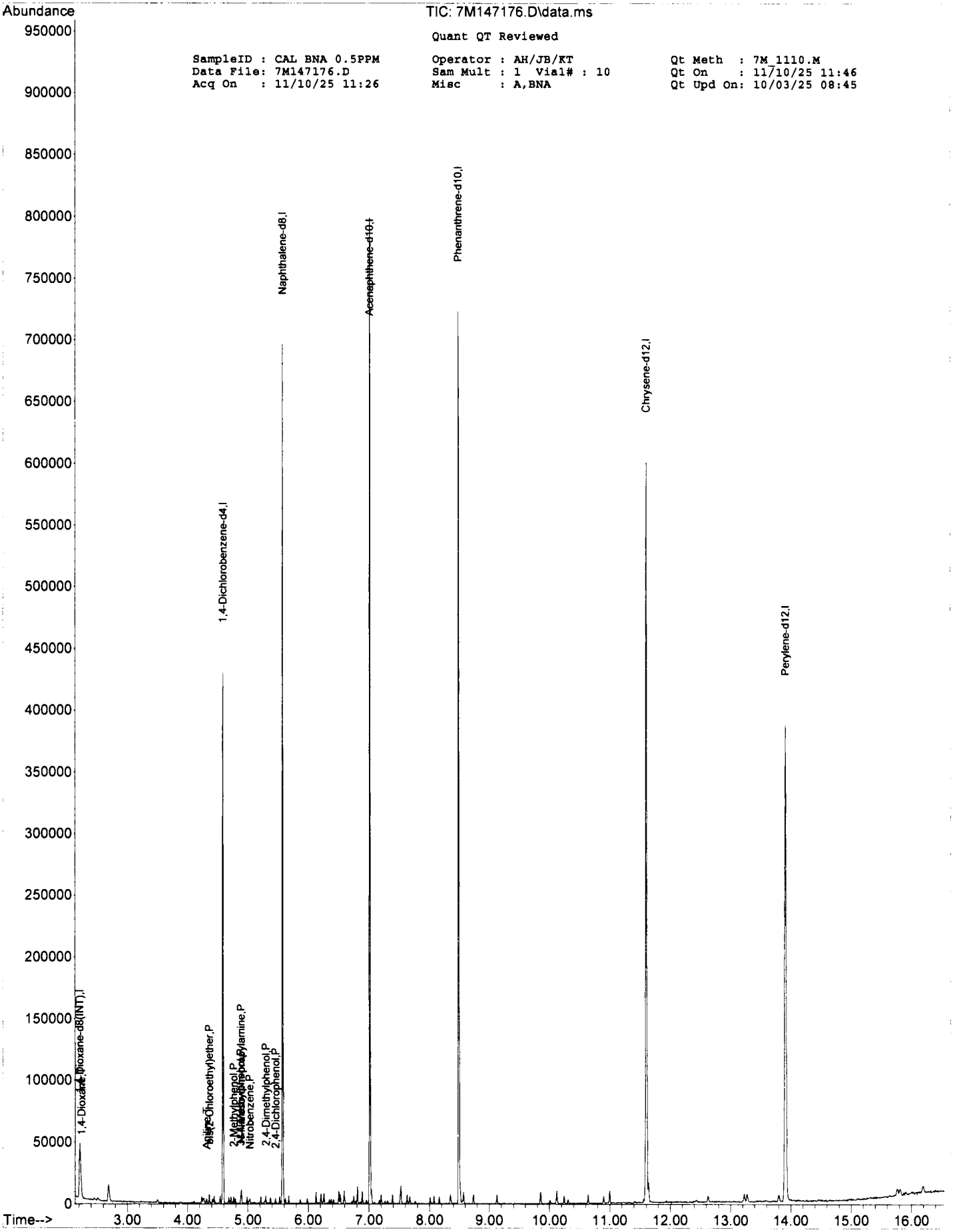
SampleID : CAL BNA 0.5PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147176.D Sam Mult : 1 Vial# : 10 Qt On : 11/10/25 11:46
Acq On : 11/10/25 11:26 Misc : A,BNA Qt Upd On: 10/03/25 08:45

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
66)	2,4-Dinitrophenol	0.000		0	N.D.	
67)	Dibenzofuran	0.000		0	N.D.	d
68)	2,4-Dinitrotoluene	0.000		0	N.D.	d
69)	4-Nitrophenol	0.000		0	N.D.	d
70)	2,3,4,6-Tetrachlorophenol	0.000		0	N.D.	
71)	Fluorene	0.000		0	N.D.	d
72)	4-Chlorophenyl-phenyle...	0.000		0	N.D.	d
73)	Diethylphthalate	0.000		0	N.D.	d
74)	4-Nitroaniline	0.000		0	N.D.	d
75)	Atrazine	0.000		0	N.D.	d
77)	4,6-Dinitro-2-methylph...	0.000		0	N.D.	
78)	n-Nitrosodiphenylamine	0.000		0	N.D.	d
80)	1,2-Diphenylhydrazine	0.000		0	N.D.	d
81)	4-Bromophenyl-phenylether	0.000		0	N.D.	d
82)	Hexachlorobenzene	0.000		0	N.D.	d
83)	N-Octadecane	0.000		0	N.D.	d
84)	Pentachlorophenol	0.000		0	N.D.	d
85)	Phenanthrene	0.000		0	N.D.	d
86)	Anthracene	0.000		0	N.D.	d
87)	Carbazole	0.000		0	N.D.	d
88)	Di-n-butylphthalate	0.000		0	N.D.	d
89)	Fluoranthene	0.000		0	N.D.	d
91)	Pyrene	0.000		0	N.D.	d
92)	Benzidine	0.000		0	N.D.	d
94)	4,4'-DDE	0.000		0	N.D.	d
95)	4,4'-DDD	0.000		0	N.D.	d
96)	Butylbenzylphthalate	0.000		0	N.D.	d
97)	4,4'-DDT	0.000		0	N.D.	d
98)	3,3'-Dichlorobenzidine	0.000		0	N.D.	d
99)	Benzo[a]anthracene	0.000		0	N.D.	d
100)	Chrysene	0.000		0	N.D.	d
101)	bis(2-Ethylhexyl)phtha...	0.000		0	N.D.	d
103)	Di-n-octylphthalate	0.000		0	N.D.	d
104)	Benzo[b]fluoranthene	0.000		0	N.D.	d
105)	Benzo[k]fluoranthene	0.000		0	N.D.	d
106)	Benzo[a]pyrene	0.000		0	N.D.	d
107)	Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d
108)	Dibenzo[a,h]anthracene	0.000		0	N.D.	d
109)	Benzo[g,h,i]perylene	0.000		0	N.D.	d



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147176.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 0.5PPM
Data File: 7M147176.D
Acq On : 11/10/25 11:26
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 10
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 11/10/25 11:46
Qt Upd On: 10/03/25 08:45
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Chrysene-d12,I
Perylene-d12,I
1,4-Dichlorobenzene-d4,I
1,4-Dioxane-d8(INT),I
2-Methylphenol,P
2,4-Dimethylphenol,P
2,4-Dichlorophenol,P
Time-->

TxtDfile: 14M002969.D ICV FORM Date/Time: 09/29/25 14:14

Compound	bytCol Num:	bytMr Num:	Type	sngConc:	Exp Conc	Rec	Flag	sngLoLim:	sngHiLim:
1.4-Dioxane	1	0		56.463	50	113		70	130
Pyridine	1	0		51.1407	50	102		50	200
N-Nitrosodimethylamine	1	0		52.2713	50	105		70	130
Benzaldehyde	1	0		56.5839	50	113		50	150
Aniline	1	0		53.4949	50	107		50	150
Pentachloroethane	1	0		52.8147	50	106		70	130
bis(2-Chloroethyl)ether	1	0		48.5279	50	97		70	130
Phenol	1	0		53.3351	50	107		70	130
2-Chlorophenol	1	0		54.1576	50	108		70	130
1.3-Dichlorobenzene	1	0		52.6903	50	105		70	130
1.4-Dichlorobenzene	1	0		54.0821	50	108		70	130
1.2-Dichlorobenzene	1	0		53.2452	50	106		70	130
Benzyl alcohol	1	0		55.1174	50	110		70	130
bis(2-chloroisopropyl)ether	1	0		50.0835	50	100		70	130
2-Methylphenol	1	0		54.1286	50	108		70	130
Acetophenone	1	0		55.7952	50	112		70	130
Hexachloroethane	1	0		52.0333	50	104		70	130
N-Nitroso-di-n-propylamine	1	0		51.3461	50	103		70	130
3&4-Methylphenol	1	0		54.5852	50	109		70	130
Nitrobenzene	1	0		53.4478	50	107		70	130
Isophorone	1	0		53.1864	50	106		70	130
2-Nitrophenol	1	0		53.7415	50	107		70	130
2.4-Dimethylphenol	1	0		54.5312	50	109		70	130
Benzoic Acid	1	0		60.7106	50	121		50	190
bis(2-Chloroethoxy)methane	1	0		53.3284	50	107		70	130
2.4-Dichlorophenol	1	0		56.1058	50	112		70	130
1.2.4-Trichlorobenzene	1	0		52.766	50	106		70	130
Naphthalene	1	0		53.373	50	107		70	130
4-Chloroaniline	1	0		56.9338	50	114		50	150
Hexachlorobutadiene	1	0		51.8496	50	104		70	130
Caprolactam	1	0		61.6512	50	123		70	130
4-Chloro-3-methylphenol	1	0		54.4554	50	109		70	130
2-Methylnaphthalene	1	0		52.8884	50	106		70	130
1-Methylnaphthalene	1	0		53.0744	50	106		70	130
1.1'-Biphenyl	1	0		54.1282	50	108		70	130
1.2.4.5-Tetrachlorobenzene	1	0		59.4175	50	119		70	130
Hexachlorocyclopentadiene	1	0		52.249	50	104		50	150
2.4.6-Trichlorophenol	1	0		54.8235	50	110		70	130
2.4.5-Trichlorophenol	1	0		56.9267	50	114		70	130
2-Chloronaphthalene	1	0		54.1146	50	108		70	130
1.4-Dimethylnaphthalene	1	0		54.4449	50	109		70	130
Diphenyl Ether	1	0		59.6167	50	119		70	130
2-Nitroaniline	1	0		54.3435	50	109		70	130
Acenaphthylene	1	0		53.5682	50	107		70	130
Dimethylphthalate	1	0		54.7116	50	109		70	130
2.6-Dinitrotoluene	1	0		58.6516	50	117		70	130
Acenaphthene	1	0		52.4132	50	105		70	130
3-Nitroaniline	1	0		59.4837	50	119		70	130
2.4-Dinitrophenol	1	0		51.7478	50	103		70	130
Dibenzofuran	1	0		52.7955	50	106		70	130
2.4-Dinitrotoluene	1	0		54.8877	50	110		70	130
4-Nitrophenol	1	0		52.2575	50	105		70	130
2.3.4.6-Tetrachlorophenol	1	0		54.6551	50	109		70	130
Fluorene	1	0		54.178	50	108		70	130
4-Chlorophenyl-phenylether	1	0		53.378	50	107		70	130
Diethylphthalate	1	0		54.9449	50	110		70	130
4-Nitroaniline	1	0		58.8089	50	118		70	130
Atrazine	1	0		62.2175	50	124		70	130
4.6-Dinitro-2-methylphenol	1	0		50.9342	50	102		70	130
n-Nitrosodiphenylamine	1	0		52.7322	50	105		70	130
1.2-Diphenylhydrazine	1	0		52.481	50	105		70	130
4-Bromophenyl-phenylether	1	0		49.7827	50	100		70	130
Hexachlorobenzene	1	0		50.3367	50	101		70	130
Pentachlorophenol	1	0		50.6977	50	101		70	130
Phenanthrene	1	0		52.1581	50	104		70	130
Anthracene	1	0		53.6922	50	107		70	130
Carbazole	1	0		53.5884	50	107		70	130
Di-n-butylphthalate	1	0		55.455	50	111		70	130
Fluoranthene	1	0		53.433	50	107		70	130
Pyrene	1	0		53.8372	50	108		70	130
Benzidine	1	0		64.96	50	130		30	200
Butylbenzylphthalate	1	0		54.6095	50	109		70	130
3.3'-Dichlorobenzidine	1	0		61.1288	50	122		50	150
Benzo[a]anthracene	1	0		52.6477	50	105		70	130
Chrysene	1	0		52.1166	50	104		70	130
bis(2-Ethylhexyl)phthalate	1	0		53.0464	50	106		70	130
Di-n-octylphthalate	1	0		54.5997	50	109		70	130
Benzo[b]fluoranthene	1	0		52.2267	50	104		70	130
Benzo[k]fluoranthene	1	0		51.9983	50	104		70	130
Benzo[a]pyrene	1	0		52.994	50	106		70	130
Indeno[1.2.3-cd]pyrene	1	0		57.9915	50	116		70	130
Dibenzo[a.h]anthracene	1	0		53.6989	50	107		70	130
Benzo[g.h.i]perylene	1	0		51.8337	50	104		70	130

TxtDfile: 7M147180.D ICV FORM Date/Time: 11/10/25 12:54

Compound	bytCol Num:	bytMr Num:	Type	sngConc:	Exp Conc	Rec	Flag	sngLoLim:	sngHiLim:
1.4-Dioxane	1	0		40.7998	50	82		70	130
Pyridine	1	0		52.3554	50	105		50	200
N-Nitrosodimethylamine	1	0		55.6543	50	111		70	130
Benzaldehyde	1	0		52.6218	50	105		50	150
Aniline	1	0		51.4272	50	103		50	150
Pentachloroethane	1	0		53.35	50	107		70	130
bis(2-Chloroethyl)ether	1	0		52.8886	50	106		70	130
Phenol	1	0		57.7945	50	116		70	130
2-Chlorophenol	1	0		55.4573	50	111		70	130
1.3-Dichlorobenzene	1	0		54.9288	50	110		70	130
1.4-Dichlorobenzene	1	0		53.9819	50	108		70	130
1.2-Dichlorobenzene	1	0		54.865	50	110		70	130
Benzyl alcohol	1	0		55.0714	50	110		70	130
bis(2-chloroisopropyl)ether	1	0		56.7057	50	113		70	130
2-Methylphenol	1	0		54.2824	50	109		70	130
Acetophenone	1	0		46.1626	50	92		70	130
Hexachloroethane	1	0		54.1999	50	108		70	130
N-Nitroso-di-n-propylamine	1	0		56.1579	50	112		70	130
3&4-Methylphenol	1	0		53.7227	50	107		70	130
Nitrobenzene	1	0		51.8168	50	104		70	130
Isophorone	1	0		56.8875	50	114		70	130
2-Nitrophenol	1	0		55.892	50	112		70	130
2.4-Dimethylphenol	1	0		47.6452	50	95		70	130
Benzoic Acid	1	0		64.6286	50	129		50	190
bis(2-Chloroethoxy)methane	1	0		55.4986	50	111		70	130
2.4-Dichlorophenol	1	0		52.593	50	105		70	130
1.2.4-Trichlorobenzene	1	0		53.8044	50	108		70	130
Naphthalene	1	0		55.0494	50	110		70	130
4-Chloroaniline	1	0		52.5373	50	105		50	150
Hexachlorobutadiene	1	0		53.5665	50	107		70	130
Caprolactam	1	0		45.1418	50	90		70	130
4-Chloro-3-methylphenol	1	0		55.5389	50	111		70	130
2-Methylnaphthalene	1	0		55.0755	50	110		70	130
1-Methylnaphthalene	1	0		55.4752	50	111		70	130
1.1'-Biphenyl	1	0		50.4629	50	101		70	130
1.2.4.5-Tetrachlorobenzene	1	0		41.0032	50	82		70	130
Hexachlorocyclopentadiene	1	0		44.6671	50	89		50	150
2.4.6-Trichlorophenol	1	0		51.9765	50	104		70	130
2.4.5-Trichlorophenol	1	0		44.4302	50	89		70	130
2-Chloronaphthalene	1	0		52.5161	50	105		70	130
1.4-Dimethylnaphthalene	1	0		49.1481	50	98		70	130
Diphenyl Ether	1	0		42.2852	50	85		70	130
2-Nitroaniline	1	0		54.1721	50	108		70	130
Acenaphthylene	1	0		52.5878	50	105		70	130
Dimethylphthalate	1	0		52.9314	50	106		70	130
2.6-Dinitrotoluene	1	0		54.6464	50	109		70	130
Acenaphthene	1	0		53.7194	50	107		70	130
3-Nitroaniline	1	0		55.71	50	111		70	130
2.4-Dinitrophenol	1	0		55.1902	50	110		70	130
Dibenzofuran	1	0		53.3296	50	107		70	130
2.4-Dinitrotoluene	1	0		53.8327	50	108		70	130
4-Nitrophenol	1	0		62.103	50	124		70	130
2.3.4.6-Tetrachlorophenol	1	0		53.4448	50	107		70	130
Fluorene	1	0		52.96	50	106		70	130
4-Chlorophenyl-phenylether	1	0		51.1386	50	102		70	130
Diethylphthalate	1	0		52.3637	50	105		70	130
4-Nitroaniline	1	0		54.6754	50	109		70	130
Atrazine	1	0		43.2696	50	87		70	130
4.6-Dinitro-2-methylphenol	1	0		59.4782	50	119		70	130
n-Nitrosodiphenylamine	1	0		56.0252	50	112		70	130
1.2-Diphenylhydrazine	1	0		56.681	50	113		70	130
4-Bromophenyl-phenylether	1	0		53.6907	50	107		70	130
Hexachlorobenzene	1	0		53.4907	50	107		70	130
Pentachlorophenol	1	0		54.9877	50	110		70	130
Phenanthrene	1	0		54.3664	50	109		70	130
Anthracene	1	0		55.2453	50	110		70	130
Carbazole	1	0		55.2214	50	110		70	130
Di-n-butylphthalate	1	0		54.9284	50	110		70	130
Fluoranthene	1	0		55.1008	50	110		70	130
Pyrene	1	0		52.2283	50	104		70	130
Benzidine	1	0		49.95	50	100		30	200
Butylbenzylphthalate	1	0		53.0764	50	106		70	130
3.3'-Dichlorobenzidine	1	0		52.3148	50	105		50	150
Benzo[a]anthracene	1	0		54.493	50	109		70	130
Chrysene	1	0		53.9526	50	108		70	130
bis(2-Ethylhexyl)phthalate	1	0		55.6329	50	111		70	130
Di-n-octylphthalate	1	0		55.8409	50	112		70	130
Benzo[b]fluoranthene	1	0		55.7126	50	111		70	130
Benzo[k]fluoranthene	1	0		53.9749	50	108		70	130
Benzo[a]pyrene	1	0		54.8087	50	110		70	130
Indeno[1.2.3-cd]pyrene	1	0		54.0837	50	108		70	130
Dibenzo[a.h]anthracene	1	0		55.1679	50	110		70	130
Benzo[g.h.i]perylene	1	0		53.2358	50	106		70	130

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147402.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/1/2025 8:01:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8(INT)	1	0	I	2.21	40.00	40	**			0.000	0.00	
1,4-Dioxane	1	0		2.23	46.21	50	**		1.039	0.960	7.59	
Pyridine	1	0		2.49	50.54	50	**		2.282	2.307	1.09	
N-Nitrosodimethylamine	1	0		2.44	50.95	50	**		1.354	1.380	1.90	
2-Fluorophenol	1	0	S	3.50	48.33	50	**		2.221	2.147	3.34	
Benzaldehyde	1	0		4.23	29.82	50	20	0.01	1.937	1.155	40.37	C1
Aniline	1	0		4.32	43.77	50	**		3.185	2.788	12.46	
Pentachloroethane	1	0		4.36	47.94	50	**	0.05	0.765	0.733	4.12	
bis(2-Chloroethyl)ether	1	0		4.36	46.96	50	20	0.7	2.064	1.938	6.08	
Phenol-d5	1	0	S	4.27	48.66	50	**		2.742	2.668	2.68	
Phenol	1	0		4.28	53.31	50	20	0.8	2.605	2.778	6.63	
2-Chlorophenol	1	0		4.42	46.47	50	20	0.8	2.241	2.083	7.05	
N-Decane	1	0		4.44	51.90	50	**	0.05	1.778	1.845	3.80	
1,3-Dichlorobenzene	1	0		4.54	45.47	50	**		2.615	2.378	9.06	
1,4-Dichlorobenzene-d4	1	0	I	4.59	40.00	40	**			0.000	0.00	
1,4-Dichlorobenzene	1	0		4.60	51.01	50	20		1.314	1.341	2.01	
1,2-Dichlorobenzene	1	0		4.72	50.71	50	**		1.249	1.266	1.42	
Benzyl alcohol	1	0		4.69	52.56	50	**		0.724	0.762	5.12	
bis(2-chloroisopropyl)ether	1	0		4.79	61.53	50	20	0.01	0.955	1.175	23.07	C1
2-Methylphenol	1	0		4.77	51.75	50	20	0.7	0.994	1.029	3.49	
Acetophenone	1	0		4.90	50.18	50	20	0.01	1.638	1.645	0.37	
Hexachloroethane	1	0		4.99	52.25	50	20	0.3	0.463	0.484	4.51	
N-Nitroso-di-n-propylamine	1	0		4.89	53.73	50	20	0.5	0.698	0.750	7.46	
3&4-Methylphenol	1	0		4.89	50.73	50	20		1.071	1.086	1.45	
Naphthalene-d8	1	0	I	5.57	40.00	40	**			0.000	0.00	
Nitrobenzene-d5	1	0	S	5.02	26.32	25	**		0.148	0.156	5.28	
Nitrobenzene	1	0		5.03	50.74	50	20	0.2	0.291	0.295	1.47	
Isophorone	1	0		5.22	56.15	50	20	0.4	0.509	0.572	12.30	
2-Nitrophenol	1	0		5.28	54.01	50	20	0.1	0.164	0.177	8.02	
2,4-Dimethylphenol	1	0		5.30	53.19	50	20	0.2	0.276	0.294	6.39	
Benzoic Acid	1	0		5.36	45.55	50	**		0.217	0.197	8.90	
bis(2-Chloroethoxy)methane	1	0		5.37	55.71	50	20	0.3	0.319	0.355	11.42	
2,4-Dichlorophenol	1	0		5.46	47.73	50	20	0.2	0.275	0.263	4.54	
1,2,4-Trichlorobenzene	1	0		5.53	48.66	50	**		0.302	0.294	2.69	
Naphthalene	1	0		5.59	50.66	50	20	0.7	0.883	0.895	1.32	
4-Chloroaniline	1	0		5.63	47.70	50	20	0.01	0.352	0.336	4.60	
Hexachlorobutadiene	1	0		5.68	47.10	50	20	0.01	0.179	0.169	5.81	
Caprolactam	1	0		5.90	49.93	50	20	0.01	0.101	0.100	0.14	
4-Chloro-3-methylphenol	1	0		6.00	52.37	50	20	0.2	0.241	0.252	4.74	
2-Methylnaphthalene	1	0		6.13	50.53	50	**	0.4	0.562	0.568	1.06	
1-Methylnaphthalene	1	0		6.21	50.75	50	**	0.4	0.567	0.575	1.49	
Methylnaphthalenes	1	0		6.13	101.14	50	**			1.143	102.29	
1,1'-Biphenyl	1	0		6.51	49.23	50	20	0.01	0.783	0.771	1.55	
Acenaphthene-d10	1	0	I	7.02	40.00	40	**			0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.26	43.50	50	20	0.01	0.634	0.551	12.99	
Hexachlorocyclopentadiene	1	0		6.25	46.51	50	20	0.05	0.355	0.330	6.99	
2,4,6-Trichlorophenol	1	0		6.36	48.21	50	20	0.2	0.360	0.347	3.57	
2,4,5-Trichlorophenol	1	0		6.39	48.87	50	20	0.2	0.375	0.366	2.26	
2-Fluorobiphenyl	1	0	S	6.42	24.16	25	**		1.275	1.232	3.36	
2-Chloronaphthalene	1	0		6.53	49.13	50	20	0.8	0.990	0.973	1.74	
1,4-Dimethylnaphthalene	1	0		6.81	50.21	50	**		0.793	0.796	0.42	
Dimethylnaphthalenes	1	0		6.81	50.21	50	20			0.796	0.42	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147402.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/1/2025 8:01:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
Diphenyl Ether	1	0		6.60	45.90	50	**		0.854	0.784	8.19	
2-Nitroaniline	1	0		6.61	52.30	50	20	0.01	0.276	0.289	4.61	
Acenaphthylene	1	0		6.90	51.52	50	20	0.9	1.569	1.617	3.03	
Dimethylphthalate	1	0		6.76	51.21	50	20	0.01	1.154	1.182	2.43	
2,6-Dinitrotoluene	1	0		6.81	52.28	50	20	0.2	0.252	0.264	4.57	
Acenaphthene	1	0		7.05	50.78	50	20	0.9	0.970	0.985	1.56	
3-Nitroaniline	1	0		6.97	54.94	50	20	0.01	0.263	0.289	9.88	
2,4-Dinitrophenol	1	0		7.06	47.95	50	20	0.2	0.119	0.121	4.10	
Dibenzofuran	1	0		7.21	50.09	50	20	0.8	1.403	1.405	0.18	
2,4-Dinitrotoluene	1	0		7.18	53.35	50	20	0.2	0.351	0.374	6.70	
4-Nitrophenol	1	0		7.10	51.50	50	20	0.01	0.153	0.157	3.01	
2,3,4,6-Tetrachlorophenol	1	0		7.31	49.81	50	20	0.01	0.314	0.313	0.39	
Fluorene	1	0		7.53	50.15	50	20	0.9	1.165	1.168	0.29	
4-Chlorophenyl-phenylether	1	0		7.52	48.05	50	20	0.4	0.607	0.583	3.90	
Diethylphthalate	1	0		7.40	51.66	50	20	0.01	1.148	1.186	3.33	
4-Nitroaniline	1	0		7.54	51.74	50	20	0.01	0.275	0.284	3.47	
Atrazine	1	0		8.17	42.68	50	20	0.01	0.424	0.362	14.64	
Phenanthrene-d10	1	0	I	8.49	40.00	40	**			0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.57	51.60	50	20	0.01	0.094	0.097	3.21	
n-Nitrosodiphenylamine	1	0		7.63	47.70	50	20	0.01	0.494	0.471	4.60	
2,4,6-Tribromophenol	1	0	S	7.77	46.81	50	**		0.105	0.099	6.37	
1,2-Diphenylhydrazine	1	0		7.68	55.68	50	**		0.473	0.526	11.35	
4-Bromophenyl-phenylether	1	0		8.01	45.05	50	20	0.1	0.199	0.180	9.90	
Hexachlorobenzene	1	0		8.08	45.25	50	20	0.1	0.213	0.192	9.50	
N-Octadecane	1	0		8.35	55.64	50	**	0.05	0.271	0.302	11.29	
Pentachlorophenol	1	0		8.28	42.36	50	20	0.05	0.130	0.110	15.27	
Phenanthrene	1	0		8.52	46.49	50	20	0.7	0.842	0.783	7.02	
Anthracene	1	0		8.58	47.08	50	20	0.7	0.853	0.804	5.85	
Carbazole	1	0		8.75	47.94	50	20	0.01	0.787	0.755	4.12	
Di-n-butylphthalate	1	0		9.13	49.94	50	20	0.01	0.998	0.997	0.12	
Fluoranthene	1	0		9.86	46.17	50	20	0.6	1.014	0.936	7.67	
Chrysene-d12	1	0	I	11.61	40.00	40	**			0.000	0.00	
Pyrene	1	0		10.13	45.27	50	20	0.6	1.169	1.058	9.47	
Benzidine	1	0		10.02	20.40	50	**		0.603	0.246	59.19	
Terphenyl-d14	1	0	S	10.31	23.25	25	**		0.877	0.816	6.99	
4,4'-DDE	1	0		10.25	45.13		**		0.250			
4,4'-DDD	1	0		10.65	46.38		**		0.480			
Butylbenzylphthalate	1	0		10.90	49.47	50	20	0.01	0.485	0.480	1.06	
4,4'-DDT	1	0		11.00	48.13		**		0.371			
3,3'-Dichlorobenzidine	1	0		11.56	43.82	50	20	0.01	0.377	0.330	12.36	
Benzo[a]anthracene	1	0		11.59	46.16	50	20	0.8	1.083	1.000	7.68	
Chrysene	1	0		11.64	46.64	50	20	0.7	0.977	0.911	6.72	
bis(2-Ethylhexyl)phthalate	1	0		11.64	51.46	50	20	0.01	0.637	0.655	2.91	
Perylene-d12	1	0	I	13.92	40.00	40	**			0.000	0.00	
Di-n-octylphthalate	1	0		12.63	50.91	50	20	0.01	1.152	1.173	1.82	
Benzo[b]fluoranthene	1	0		13.24	46.44	50	20	0.7	1.019	0.947	7.12	
Benzo[k]fluoranthene	1	0		13.28	47.01	50	20	0.7	1.008	0.948	5.98	
Benzo[a]pyrene	1	0		13.81	45.45	50	20	0.7	0.975	0.887	9.11	
Indeno[1,2,3-cd]pyrene	1	0		15.78	39.67	50	20	0.5	0.973	0.772	20.66	C1
Dibenzo[a,h]anthracene	1	0		15.82	44.64	50	20	0.4	0.933	0.833	10.72	
Benzo[g,h,i]perylene	1	0		16.21	45.47	50	20	0.5	0.911	0.828	9.05	
1,4-Dioxane-d8	1	100		0.00	0.00	40	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147402.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/1/2025 8:01:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8-Surro	1	100		0.00	0.00	40	**			0.000	0.00	
gamma-BHC	1	100		0.00	0.00	10	**			0.000	0.00	
Heptachlor	1	100		0.00	0.00	10	**			0.000	0.00	
Heptachlor epoxide	1	100		0.00	0.00	10	**			0.000	0.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50	**			0.000	0.00	
4-Methylphenol	1	100		0.00	0.00	50	**	0.6		0.000	0.00	
Toluene Diisocyanate	1	100		0.00	0.00	50	**			0.000	0.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	100	**		0.565	0.000	0.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50	**		0.793	0.000	0.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50	**			0.000	0.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50	**			0.000	0.00	
Methoxychlor	1	100		0.00	0.00	10	**			0.000	0.00	
Endrin	1	100		0.00	0.00	50	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147402.D Sam Mult : 1 Vial# : 2 Qt On : 12/01/25 08:22
Acq On : 12/ 1/25 08:01 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.208	96	55332	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.587	152	96956	40.00	ng	0.00
31) Naphthalene-d8	5.575	136	363245	40.00	ng	0.00
50) Acenaphthene-d10	7.020	164	210648	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	456013	40.00	ng	0.00
90) Chrysene-d12	11.609	240	405218	40.00	ng	0.00
102) Perylene-d12	13.918	264	408154	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	148472	48.33	ng	0.00
Spiked Amount 100.000			Recovery = 48.33%			
16) Phenol-d5	4.270	99	184562	48.66	ng	0.00
Spiked Amount 100.000			Recovery = 48.66%			
32) Nitrobenzene-d5	5.022	128	35400	26.32	ng	0.00
Spiked Amount 50.000			Recovery = 52.64%			
55) 2-Fluorobiphenyl	6.421	172	162217	24.16	ng	0.00
Spiked Amount 50.000			Recovery = 48.32%			
79) 2,4,6-Tribromophenol	7.766	330	56152	46.81	ng	0.00
Spiked Amount 100.000			Recovery = 46.81%			
93) Terphenyl-d14	10.310	244	206697	23.25	ng	0.00
Spiked Amount 50.000			Recovery = 46.50%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.231	88	66416	46.2055	ng	99
9) Pyridine	2.490	79	159543	50.5443	ng	62
10) N-Nitrosodimethylamine	2.443	74	95449	50.9523	ng	70
12) Benzaldehyde	4.235	77	79877	29.8155	ng	70
13) Aniline	4.317	93	192813	43.7691	ng	60
14) Pentachloroethane	4.364	117	50705	47.9395	ng	73
15) bis(2-Chloroethyl)ether	4.364	93	134072	46.9599	ng	74
17) Phenol	4.282	94	192127	53.3135	ng	78
18) 2-Chlorophenol	4.417	128	144058	46.4737	ng	74
19) N-Decane	4.441	57	127616	51.9002	ng	95
20) 1,3-Dichlorobenzene	4.540	146	164508	45.4722	ng	97
22) 1,4-Dichlorobenzene	4.599	146	162514	51.0065	ng	97
23) 1,2-Dichlorobenzene	4.723	146	153470	50.7102	ng	98
24) Benzyl alcohol	4.687	108	92290	52.5613	ng	67
25) bis(2-chloroisopropyl)...	4.793	45	142443	61.5329	ng	99
26) 2-Methylphenol	4.770	108	124675	51.7468	ng	98
27) Acetophenone	4.899	105	199306	50.1840	ng	60
28) Hexachloroethane	4.987	117	58676	52.2526	ng	89
29) N-Nitroso-di-n-propyla...	4.893	70	90921	53.7318	ng	71
30) 3&4-Methylphenol	4.893	108	131671	50.7251	ng	100
33) Nitrobenzene	5.034	77	134085	50.7375	ng	76
34) Isophorone	5.216	82	259530	56.1491	ng	86
35) 2-Nitrophenol	5.281	139	80297	54.0101	ng	77
36) 2,4-Dimethylphenol	5.304	107	133557	53.1948	ng	90
37) Benzoic Acid	5.357	105	89579m	45.5491	ng	
38) bis(2-Chloroethoxy)met...	5.375	93	161233	55.7080	ng	99
39) 2,4-Dichlorophenol	5.463	162	119287	47.7294	ng	84
40) 1,2,4-Trichlorobenzene	5.528	180	133308	48.6567	ng	96
41) Naphthalene	5.592	128	406316	50.6581	ng	99
42) 4-Chloroaniline	5.627	127	152470m	47.7018	ng	
43) Hexachlorobutadiene	5.680	225	76639	47.0952	ng	99
44) Caprolactam	5.898	113	45579	49.9293	ng	67
45) 4-Chloro-3-methylphenol	5.998	107	114541	52.3719	ng	72
46) 2-Methylnaphthalene	6.133	142	258067	50.5291	ng	96
47) 1-Methylnaphthalene	6.209	142	261193	50.7464	ng	89
48) Methylnaphthalenes (To...	6.133	142	519139m	101.1428	ng	
49) 1,1'-Biphenyl	6.509	154	349865	49.2273	ng	94
51) 1,2,4,5-Tetrachloroben...	6.262	216	145204	43.5036	ng	99
52) Hexachlorocyclopentadiene	6.250	237	86953	46.5067	ng	99
53) 2,4,6-Trichlorophenol	6.356	196	91381	48.2148	ng	97
54) 2,4,5-Trichlorophenol	6.385	196	96385	48.8696	ng	98
56) 2-Chloronaphthalene	6.532	162	256227	49.1310	ng	88
57) 1,4-Dimethylnaphthalene	6.814	156	209586	50.2080	ng	86
58) Dimethylnaphthalenes (...	6.814	156	209586	50.2080	ng	86
59) Diphenyl Ether	6.597	170	206502	45.9034	ng	71
60) 2-Nitroaniline	6.609	65	76112	52.3034	ng	49
61) Acenaphthylene	6.897	152	425726	51.5170	ng	98
62) Dimethylphthalate	6.756	163	311305	51.2140	ng	99
63) 2,6-Dinitrotoluene	6.814	165	69415	52.2836	ng	59
64) Acenaphthene	7.049	153	259451	50.7806	ng	94
65) 3-Nitroaniline	6.967	138	76146	54.9408	ng	69

Quantitation Report (QT Reviewed)

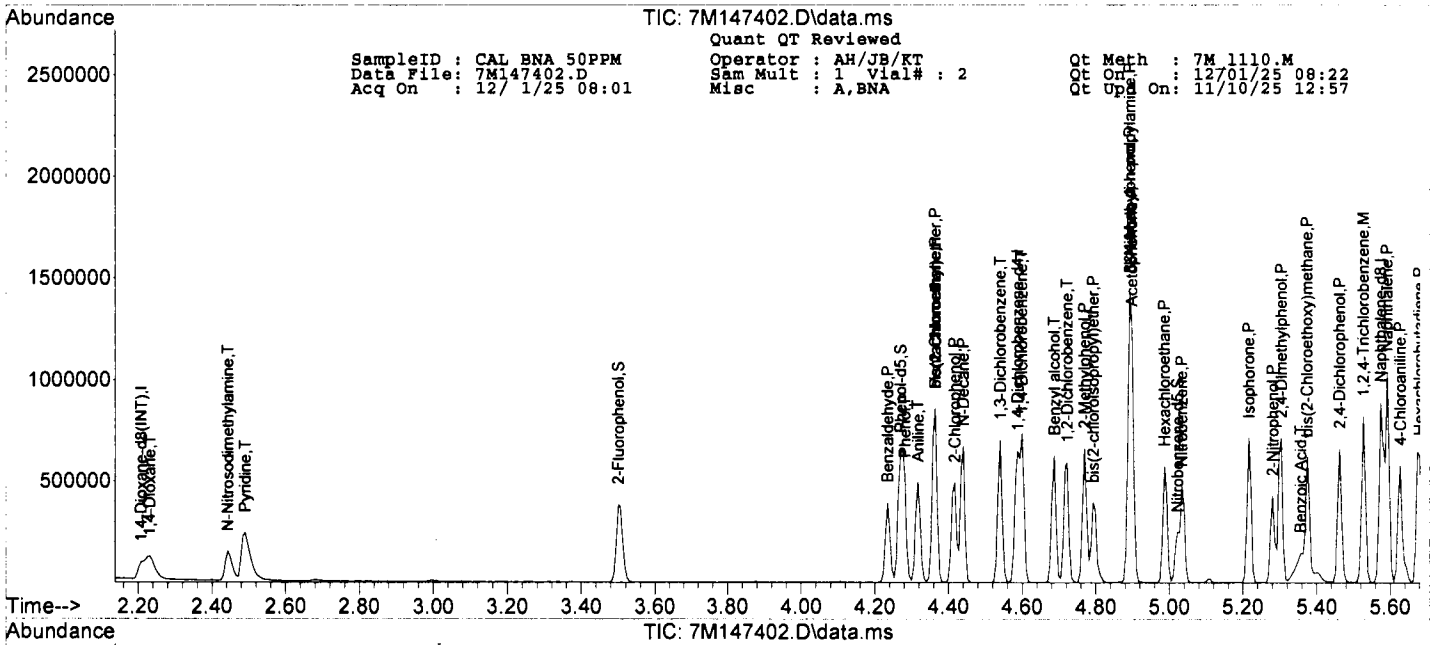
SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147402.D Sam Mult : 1 Vial# : 2 Qt On : 12/01/25 08:22
Acq On : 12/ 1/25 08:01 Misc : A,BNA Qt Upd On: 11/10/25 12:57

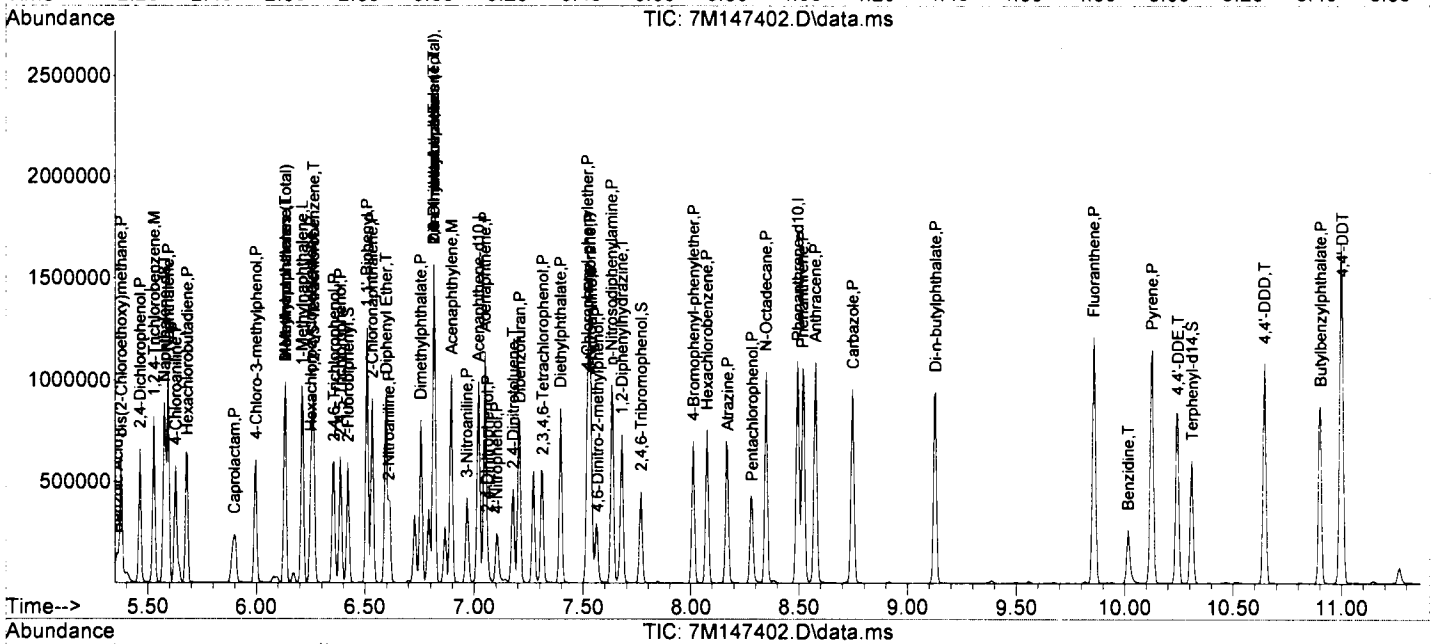
Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

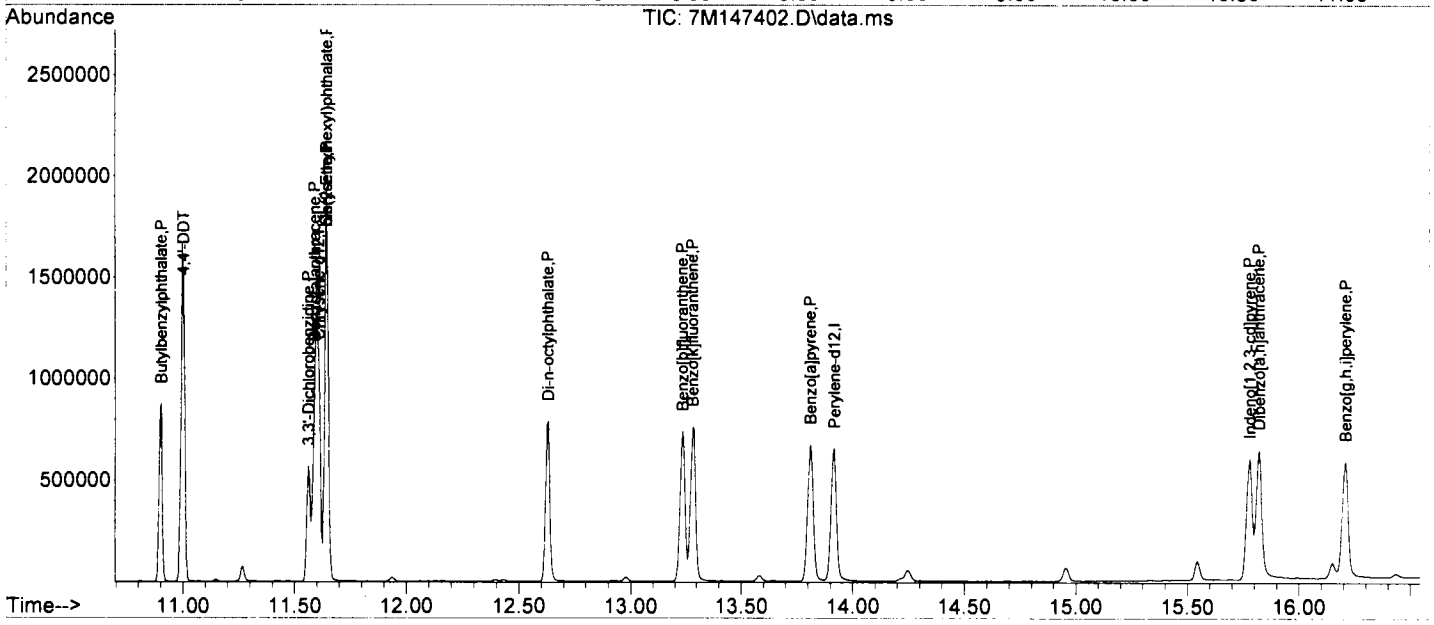
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	31792	47.9492	ng	28
67)	Dibenzofuran	7.208	168	369960	50.0900	ng	80
68)	2,4-Dinitrotoluene	7.179	165	98549	53.3508	ng	52
69)	4-Nitrophenol	7.102	65	41451	51.5049	ng	87
70)	2,3,4,6-Tetrachlorophenol	7.314	232	82313	49.8059	ng	80
71)	Fluorene	7.531	166	307675	50.1461	ng	98
72)	4-Chlorophenyl-phenyle...	7.519	204	153635	48.0495	ng	80
73)	Diethylphthalate	7.396	149	312304	51.6640	ng	96
74)	4-Nitroaniline	7.537	138	74847	51.7368	ng	69
75)	Atrazine	8.172	200	95353	42.6811	ng	96
77)	4,6-Dinitro-2-methylph...	7.566	198	55300	51.6048	ng	85
78)	n-Nitrosodiphenylamine	7.631	169	268502	47.6991	ng	98
80)	1,2-Diphenylhydrazine	7.678	77	299951	55.6755	ng	77
81)	4-Bromophenyl-phenylether	8.013	248	102338	45.0513	ng	75
82)	Hexachlorobenzene	8.078	284	109663	45.2524	ng	60
83)	N-Octadecane	8.348	57	171957	55.6449	ng	68
84)	Pentachlorophenol	8.283	266	62903	42.3643	ng	97
85)	Phenanthrene	8.518	178	446456	46.4894	ng	99
86)	Anthracene	8.577	178	458018	47.0773	ng	99
87)	Carbazole	8.747	167	430104	47.9378	ng	95
88)	Di-n-butylphthalate	9.129	149	568266	49.9389	ng	96
89)	Fluoranthene	9.858	202	533553	46.1655	ng	91
91)	Pyrene	10.128	202	536025	45.2671	ng	85
92)	Benzidine	10.016	184	124639	20.4049	ng	83
94)	4,4'-DDE	10.246	246	114310	45.1291	ng	91
95)	4,4'-DDD	10.645	235	225347	46.3842	ng	93
96)	Butylbenzylphthalate	10.904	149	243083	49.4703	ng	65
97)	4,4'-DDT	11.004	235	181051	48.1300	ng	97
98)	3,3'-Dichlorobenzidine	11.562	252	167152	43.8178	ng	96
99)	Benzo[a]anthracene	11.591	228	506574	46.1589	ng	100
100)	Chrysene	11.644	228	461391	46.6400	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.644	149	331900	51.4562	ng	96
103)	Di-n-octylphthalate	12.631	149	598629	50.9094	ng	99
104)	Benzo[b]fluoranthene	13.236	252	482950	46.4382	ng	96
105)	Benzo[k]fluoranthene	13.283	252	483588	47.0115	ng	93
106)	Benzo[a]pyrene	13.812	252	452322	45.4455	ng	92
107)	Indeno[1,2,3-cd]pyrene	15.780	276	393745m	39.6678	ng	
108)	Dibenzo[a,h]anthracene	15.822	278	424928	44.6386	ng	93
109)	Benzo[g,h,i]perylene	16.209	276	422618	45.4731	ng	74



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147402.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 50PPM
Data File: 7M147402.D
Acq On : 12/ 1/25 08:01
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/01/25 08:22
Qt Upd On: 11/10/25 12:57
2500000
2000000
1500000
1000000
500000
Time-->
2.20
2.40
2.60
2.80
3.00
3.20
3.40
3.60
3.80
4.00
4.20
4.40
4.60
4.80
5.00
5.20
5.40
5.60
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Phenol-d5,S
Aniline,T
2-Chlorophenol,P
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P


Abundance
TIC: 7M147402.D\data.ms
2500000
2000000
1500000
1000000
500000
Time-->
5.50
6.00
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7.00
7.50
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8.50
9.00
9.50
10.00
10.50
11.00
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,T
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,P
2-Fluorobiphenyl,S
2-Chloronaphthalene,T
2-Nitroaniline,P
Dimethylphthalate,P
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene-d10,I
Acenaphthene,P
2,4-Dinitrophenol,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Chlorophenyl-phenylether,P
4,6-Dinitro-2-methylphenol,P
N-Nitrosodiphenylamine,P
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
3,3'-Dichlorobenzidine,P
4,4'-DDT


Abundance
TIC: 7M147402.D\data.ms
2500000
2000000
1500000
1000000
500000
Time-->
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00
Butylbenzylphthalate,P
4,4'-DDT
Di-n-octylphthalate,P
Benzo(b)fluoranthene,P
Benzo(k)fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 14M003290.D **Instrument:** GCMS 14

Cont Calibration Date/Time 12/1/2025 8:09:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8(INT)	1	0	I	2.18	40.00	40	**			0.000	0.00	
1,4-Dioxane	1	0		2.21	51.74	50	**		0.924	0.956	3.47	
Pyridine	1	0		2.46	46.18	50	**		2.571	2.374	7.64	
N-Nitrosodimethylamine	1	0		2.42	47.72	50	**		1.472	1.405	4.56	
2-Fluorophenol	1	0	S	3.46	47.56	50	**		1.261	1.199	4.89	
Benzaldehyde	1	0		4.19	29.71	50	20	0.01	1.233	0.733	40.58	C1
Aniline	1	0		4.27	40.62	50	**		2.177	1.768	18.76	
Pentachloroethane	1	0		4.32	45.27	50	**	0.05	0.506	0.458	9.46	
bis(2-Chloroethyl)ether	1	0		4.32	45.12	50	20	0.7	1.468	1.325	9.75	
Phenol-d5	1	0	S	4.22	47.73	50	**		1.719	1.641	4.54	
Phenol	1	0		4.23	43.39	50	20	0.8	1.870	1.622	13.22	
2-Chlorophenol	1	0		4.37	44.95	50	20	0.8	1.289	1.159	10.10	
N-Decane	1	0		4.39	47.11	50	**	0.05	1.711	1.612	5.78	
1,3-Dichlorobenzene	1	0		4.50	44.59	50	**		1.487	1.326	10.83	
1,4-Dichlorobenzene-d4	1	0	I	4.54	40.00	40	**			0.000	0.00	
1,4-Dichlorobenzene	1	0		4.56	48.12	50	20		1.362	1.311	3.76	
1,2-Dichlorobenzene	1	0		4.68	48.23	50	**		1.289	1.243	3.54	
Benzyl alcohol	1	0		4.64	49.37	50	**		0.822	0.812	1.26	
bis(2-chloroisopropyl)ether	1	0		4.75	51.89	50	20	0.01	1.760	1.827	3.79	
2-Methylphenol	1	0		4.72	49.27	50	20	0.7	1.124	1.107	1.46	
Acetophenone	1	0		4.85	51.48	50	20	0.01	1.860	1.915	2.95	
Hexachloroethane	1	0		4.94	48.24	50	20	0.3	0.595	0.574	3.52	
N-Nitroso-di-n-propylamine	1	0		4.85	50.24	50	20	0.5	0.966	0.971	0.48	
3&4-Methylphenol	1	0		4.84	50.46	50	20		1.187	1.198	0.92	
Naphthalene-d8	1	0	I	5.53	40.00	40	**			0.000	0.00	
Nitrobenzene-d5	1	0	S	4.98	26.13	25	**		0.151	0.158	4.53	
Nitrobenzene	1	0		4.99	51.98	50	20	0.2	0.378	0.393	3.95	
Isophorone	1	0		5.17	49.48	50	20	0.4	0.692	0.685	1.04	
2-Nitrophenol	1	0		5.23	49.49	50	20	0.1	0.167	0.166	1.02	
2,4-Dimethylphenol	1	0		5.25	50.90	50	20	0.2	0.338	0.344	1.79	
Benzoic Acid	1	0		5.30	52.58	50	**		0.255	0.262	5.16	
bis(2-Chloroethoxy)methane	1	0		5.33	48.38	50	20	0.3	0.434	0.420	3.24	
2,4-Dichlorophenol	1	0		5.41	50.45	50	20	0.2	0.257	0.259	0.91	
1,2,4-Trichlorobenzene	1	0		5.48	48.18	50	**		0.309	0.298	3.64	
Naphthalene	1	0		5.54	47.39	50	20	0.7	0.972	0.921	5.22	
4-Chloroaniline	1	0		5.57	48.24	50	20	0.01	0.366	0.353	3.51	
Hexachlorobutadiene	1	0		5.63	46.59	50	20	0.01	0.198	0.184	6.82	
Caprolactam	1	0		5.84	55.59	50	20	0.01	0.101	0.113	11.19	
4-Chloro-3-methylphenol	1	0		5.93	51.24	50	20	0.2	0.284	0.291	2.47	
2-Methylnaphthalene	1	0		6.08	47.41	50	**	0.4	0.588	0.558	5.18	
1-Methylnaphthalene	1	0		6.16	47.13	50	**	0.4	0.605	0.570	5.75	
Methylnaphthalenes	1	0		6.16	94.60	50	**			1.128	89.20	
1,1'-Biphenyl	1	0		6.46	49.24	50	20	0.01	0.790	0.778	1.52	
Acenaphthene-d10	1	0	I	6.97	40.00	40	**			0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.21	51.62	50	20	0.01	0.566	0.584	3.25	
Hexachlorocyclopentadiene	1	0		6.20	45.72	50	20	0.05	0.378	0.346	8.56	
2,4,6-Trichlorophenol	1	0		6.30	49.27	50	20	0.2	0.345	0.340	1.46	
2,4,5-Trichlorophenol	1	0		6.33	49.42	50	20	0.2	0.356	0.352	1.16	
2-Fluorobiphenyl	1	0	S	6.37	25.10	25	**		1.209	1.214	0.41	
2-Chloronaphthalene	1	0		6.48	48.84	50	20	0.8	1.001	0.978	2.33	
1,4-Dimethylnaphthalene	1	0		6.76	51.34	50	**		0.791	0.812	2.68	
Dimethylnaphthalenes	1	0		6.76	51.34	50	20			0.812	2.68	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 14M003290.D **Instrument:** GCMS 14

Cont Calibration Date/Time 12/1/2025 8:09:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
Diphenyl Ether	1	0		6.54	52.11	50	**		0.744	0.776	4.21	
2-Nitroaniline	1	0		6.55	54.73	50	20	0.01	0.431	0.471	9.46	
Acenaphthylene	1	0		6.84	48.90	50	20	0.9	1.641	1.605	2.21	
Dimethylphthalate	1	0		6.70	51.71	50	20	0.01	1.148	1.187	3.42	
2,6-Dinitrotoluene	1	0		6.76	53.93	50	20	0.2	0.254	0.274	7.86	
Acenaphthene	1	0		7.00	48.51	50	20	0.9	1.036	1.006	2.98	
3-Nitroaniline	1	0		6.91	54.84	50	20	0.01	0.271	0.297	9.68	
2,4-Dinitrophenol	1	0		7.00	54.16	50	20	0.2	0.155	0.165	8.32	
Dibenzofuran	1	0		7.15	48.39	50	20	0.8	1.488	1.440	3.21	
2,4-Dinitrotoluene	1	0		7.12	53.34	50	20	0.2	0.345	0.368	6.67	
4-Nitrophenol	1	0		7.03	55.05	50	20	0.01	0.252	0.301	10.11	
2,3,4,6-Tetrachlorophenol	1	0		7.26	49.16	50	20	0.01	0.313	0.308	1.67	
Fluorene	1	0		7.47	49.71	50	20	0.9	1.193	1.186	0.57	
4-Chlorophenyl-phenylether	1	0		7.47	47.59	50	20	0.4	0.596	0.567	4.82	
Diethylphthalate	1	0		7.34	52.33	50	20	0.01	1.136	1.189	4.65	
4-Nitroaniline	1	0		7.48	53.28	50	20	0.01	0.292	0.312	6.55	
Atrazine	1	0		8.12	50.03	50	20	0.01	0.354	0.355	0.07	
Phenanthrene-d10	1	0	I	8.44	40.00	40	**			0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.51	46.27	50	20	0.01	0.113	0.104	7.45	
n-Nitrosodiphenylamine	1	0		7.58	45.26	50	20	0.01	0.535	0.484	9.48	
2,4,6-Tribromophenol	1	0	S	7.71	45.78	50	**		0.110	0.101	8.43	
1,2-Diphenylhydrazine	1	0		7.62	45.72	50	**		0.820	0.750	8.56	
4-Bromophenyl-phenylether	1	0		7.96	42.41	50	20	0.1	0.191	0.162	15.17	
Hexachlorobenzene	1	0		8.02	42.49	50	20	0.1	0.217	0.185	15.01	
N-Octadecane	1	0		8.30	49.95	50	**	0.05	0.457	0.457	0.11	
Pentachlorophenol	1	0		8.22	44.70	50	20	0.05	0.136	0.122	10.60	
Phenanthrene	1	0		8.47	44.62	50	20	0.7	0.936	0.835	10.77	
Anthracene	1	0		8.52	45.28	50	20	0.7	0.934	0.846	9.44	
Carbazole	1	0		8.69	45.94	50	20	0.01	0.858	0.789	8.12	
Di-n-butylphthalate	1	0		9.08	47.32	50	20	0.01	0.983	0.931	5.36	
Fluoranthene	1	0		9.81	44.47	50	20	0.6	0.991	0.882	11.06	
Chrysene-d12	1	0	I	11.55	40.00	40	**			0.000	0.00	
Pyrene	1	0		10.08	45.51	50	20	0.6	1.087	0.989	8.99	
Benzidine	1	0		9.97	24.79	50	**		0.511	0.253	50.43	
Terphenyl-d14	1	0	S	10.27	23.17	25	**		0.790	0.732	7.32	
4,4'-DDE	1	0		10.20	47.12		**		0.224			
4,4'-DDD	1	0		10.60	46.95		**		0.417			
Butylbenzylphthalate	1	0		10.86	47.62	50	20	0.01	0.437	0.417	4.75	
4,4'-DDT	1	0		10.96	47.10		**		0.360			
3,3'-Dichlorobenzidine	1	0		11.51	47.46	50	20	0.01	0.325	0.308	5.08	
Benzo[a]anthracene	1	0		11.54	45.09	50	20	0.8	1.071	0.966	9.82	
Chrysene	1	0		11.59	44.91	50	20	0.7	1.071	0.962	10.18	
bis(2-Ethylhexyl)phthalate	1	0		11.60	47.60	50	20	0.01	0.668	0.636	4.80	
Perylene-d12	1	0	I	13.83	40.00	40	**			0.000	0.00	
Di-n-octylphthalate	1	0		12.57	49.52	50	20	0.01	1.012	1.003	0.96	
Benzo[b]fluoranthene	1	0		13.16	48.03	50	20	0.7	1.009	0.970	3.94	
Benzo[k]fluoranthene	1	0		13.21	42.94	50	20	0.7	1.080	0.928	14.11	
Benzo[a]pyrene	1	0		13.73	45.42	50	20	0.7	0.962	0.874	9.16	
Indeno[1,2,3-cd]pyrene	1	0		15.71	46.47	50	20	0.5	0.875	0.813	7.05	
Dibenzo[a,h]anthracene	1	0		15.75	46.08	50	20	0.4	0.957	0.882	7.85	
Benzo[g,h,i]perylene	1	0		16.13	45.35	50	20	0.5	0.958	0.869	9.30	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 14M003290.D **Instrument:** GCMS 14

Cont Calibration Date/Time 12/1/2025 8:09:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8-Surro	1	100		0.00	0.00	40	**			0.000	0.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50	**			0.000	0.00	
Toluene Diisocyanate	1	100		0.00	0.00	50	**			0.000	0.00	
4-Methylphenol	1	100		0.00	0.00	50	**	0.6		0.000	0.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50	**		0.791	0.000	0.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	100	**		0.596	0.000	0.00	
Methoxychlor	1	100		0.00	0.00	10	**			0.000	0.00	
1,4-Dioxane-d8	1	100		0.00	0.00	40	**			0.000	0.00	
Heptachlor epoxide	1	100		0.00	0.00	10	**			0.000	0.00	
Heptachlor	1	100		0.00	0.00	10	**			0.000	0.00	
gamma-BHC	1	100		0.00	0.00	10	**			0.000	0.00	
Endrin	1	100		0.00	0.00	50	**			0.000	0.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M003290.D Sam Mult : 1 Vial# : 2 Qt On : 12/01/25 08:41
Acq On : 12/01/25 08:09 Misc : A,BNA Qt Upd On: 09/29/25 14:11

Data Path : G:\GcMsData\2025\GCMS_14\Data\12-01-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.177	96	54918	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.541	152	56534	40.00	ng	0.00
31) Naphthalene-d8	5.529	136	213228	40.00	ng	0.00
50) Acenaphthene-d10	6.966	164	126502	40.00	ng	0.00
76) Phenanthrene-d10	8.440	188	268081	40.00	ng	-0.01
90) Chrysene-d12	11.552	240	252384	40.00	ng	-0.01
102) Perylene-d12	13.834	264	236686	40.00	ng	-0.02
System Monitoring Compounds						
11) 2-Fluorophenol	3.457	112	82311	47.56	ng	-0.01
Spiked Amount 100.000			Recovery = 47.56%			
16) Phenol-d5	4.220	99	112664	47.73	ng	0.00
Spiked Amount 100.000			Recovery = 47.73%			
32) Nitrobenzene-d5	4.975	128	21039	26.13	ng	0.00
Spiked Amount 50.000			Recovery = 52.26%			
55) 2-Fluorobiphenyl	6.367	172	95959	25.10	ng	0.00
Spiked Amount 50.000			Recovery = 50.20%			
79) 2,4,6-Tribromophenol	7.706	330	33840	45.78	ng	-0.01
Spiked Amount 100.000			Recovery = 45.78%			
93) Terphenyl-d14	10.265	244	115430	23.17	ng	0.00
Spiked Amount 50.000			Recovery = 46.34%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.207	88	65606m	51.7359	ng	
9) Pyridine	2.461	79	162975	46.1788	ng	85
10) N-Nitrosodimethylamine	2.417	74	96452	47.7201	ng	82
12) Benzaldehyde	4.190	77	50299	29.7095	ng	88
13) Aniline	4.272	93	121401m	40.6182	ng	
14) Pentachloroethane	4.317	117	31451	45.2712	ng	81
15) bis(2-Chloroethyl)ether	4.317	93	90934m	45.1245	ng	
17) Phenol	4.227	94	111376	43.3892	ng	94
18) 2-Chlorophenol	4.369	128	79553	44.9518	ng	89
19) N-Decane	4.392	57	110669	47.1096	ng	99
20) 1,3-Dichlorobenzene	4.497	146	91054	44.5868	ng	96
22) 1,4-Dichlorobenzene	4.556	146	92661	48.1217	ng	99
23) 1,2-Dichlorobenzene	4.676	146	87852	48.2312	ng	99
24) Benzyl alcohol	4.639	108	57384	49.3682	ng	85
25) bis(2-chloroisopropyl)...	4.751	45	129107	51.8929	ng	90
26) 2-Methylphenol	4.721	108	78240	49.2685	ng	99
27) Acetophenone	4.848	105	135337	51.4763	ng	72
28) Hexachloroethane	4.938	117	40547	48.2381	ng	82
29) N-Nitroso-di-n-propyla...	4.848	70	68605	50.2385	ng	71
30) 3&4-Methylphenol	4.841	108	84639	50.4586	ng	99
33) Nitrobenzene	4.990	77	104714	51.9768	ng	87
34) Isophorone	5.170	82	182569	49.4798	ng	93
35) 2-Nitrophenol	5.230	139	44174	49.4918	ng	86
36) 2,4-Dimethylphenol	5.252	107	91745	50.8962	ng	99
37) Benzoic Acid	5.297	105	69838	52.5807	ng	41
38) bis(2-Chloroethoxy)met...	5.327	93	112044	48.3816	ng	96
39) 2,4-Dichlorophenol	5.409	162	69019	50.4535	ng	90
40) 1,2,4-Trichlorobenzene	5.477	180	79374	48.1818	ng	97
41) Naphthalene	5.544	128	245594	47.3885	ng	99
42) 4-Chloroaniline	5.574	127	94147m	48.2447	ng	
43) Hexachlorobutadiene	5.626	225	49146	46.5907	ng	97
44) Caprolactam	5.843	113	30064	55.5942	ng	69
45) 4-Chloro-3-methylphenol	5.933	107	77478	51.2363	ng	100
46) 2-Methylnaphthalene	6.075	142	148624	47.4077	ng	97
47) 1-Methylnaphthalene	6.158	142	152009	47.1256	ng	90
48) Methylnaphthalenes (To...	6.158	142	300605m	94.6010	ng	
49) 1,1'-Biphenyl	6.457	154	207487	49.2419	ng	95
51) 1,2,4,5-Tetrachloroben...	6.210	216	92345	51.6245	ng	95
52) Hexachlorocyclopentadiene	6.202	237	54716	45.7204	ng	96
53) 2,4,6-Trichlorophenol	6.300	196	53722m	49.2693	ng	
54) 2,4,5-Trichlorophenol	6.330	196	55603m	49.4189	ng	
56) 2-Chloronaphthalene	6.479	162	154677	48.8369	ng	92
57) 1,4-Dimethylnaphthalene	6.764	156	128448	51.3405	ng	88
58) Dimethylnaphthalenes (...	6.764	156	128448	51.3405	ng	88
59) Diphenyl Ether	6.539	170	122658	52.1067	ng	87
60) 2-Nitroaniline	6.554	65	74511	54.7281	ng	80
61) Acenaphthylene	6.838	152	253838	48.8969	ng	98
62) Dimethylphthalate	6.704	163	187669	51.7098	ng	98
63) 2,6-Dinitrotoluene	6.764	165	43381	53.9297	ng	72
64) Acenaphthene	6.996	153	159000	48.5094	ng	95
65) 3-Nitroaniline	6.913	138	47003	54.8406	ng	91

Quantitation Report (QT Reviewed)

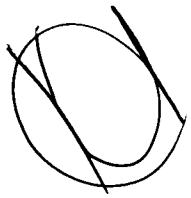
SampleID : CAL BNA 50PPM
Data File: 14M003290.D
Acq On : 12/01/25 08:09

Operator : AH/JB/KT
Sam Mult : 1 Vial# : 2
Misc : A,BNA

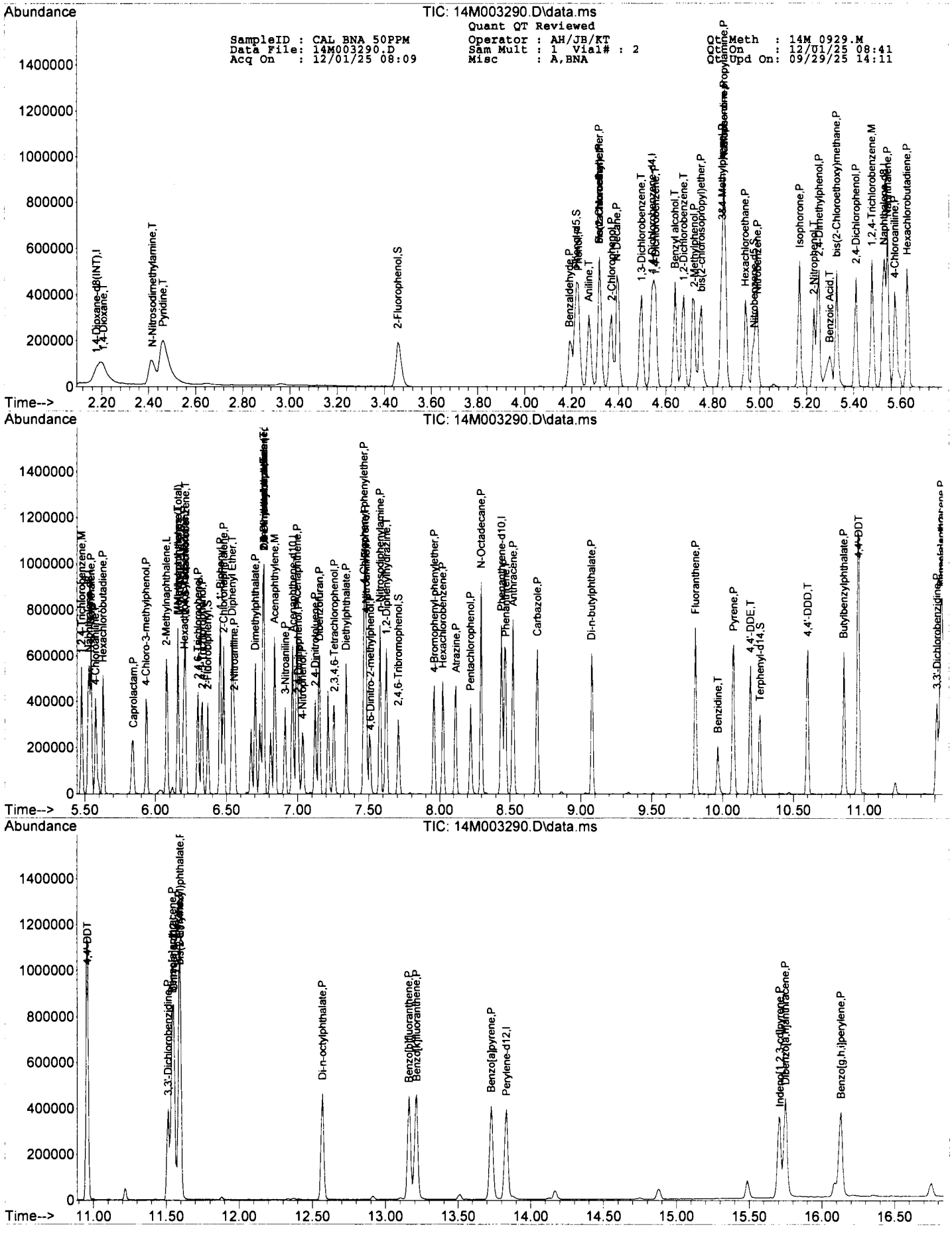
Qt Meth : 14M_0929.M
Qt On : 12/01/25 08:41
Qt Upd On: 09/29/25 14:11

Data Path : G:\GcMsData\2025\GCMS_14\Data\12-01-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.003	184	26142	54.1588	ng	64
67)	Dibenzofuran	7.153	168	227723	48.3945	ng	85
68)	2,4-Dinitrotoluene	7.123	165	58209	53.3373	ng	77
69)	4-Nitrophenol	7.033	65	47616	55.0549	ng	97
70)	2,3,4,6-Tetrachlorophenol	7.257	232	48666	49.1630	ng	83
71)	Fluorene	7.474	166	187609	49.7134	ng	99
72)	4-Chlorophenyl-phenyle...	7.467	204	89726	47.5906	ng	83
73)	Diethylphthalate	7.340	149	188048	52.3254	ng	97
74)	4-Nitroaniline	7.482	138	49257	53.2764	ng	94
75)	Atrazine	8.118	200	56087	50.0348	ng	92
77)	4,6-Dinitro-2-methylph...	7.512	198	34948	46.2746	ng	64
78)	n-Nitrosodiphenylamine	7.579	169	162274	45.2618	ng	98
80)	1,2-Diphenylhydrazine	7.624	77	251305	45.7216	ng	87
81)	4-Bromophenyl-phenylether	7.961	248	54247	42.4126	ng	81
82)	Hexachlorobenzene	8.021	284	61860	42.4926	ng	69
83)	N-Octadecane	8.297	57	153139	49.9454	ng	87
84)	Pentachlorophenol	8.223	266	40772	44.7019	ng	96
85)	Phenanthrene	8.469	178	279827	44.6156	ng	98
86)	Anthracene	8.522	178	283416	45.2822	ng	99
87)	Carbazole	8.694	167	264328	45.9418	ng	96
88)	Di-n-butylphthalate	9.076	149	311853	47.3224	ng	99
89)	Fluoranthene	9.809	202	295494	44.4701	ng	90
91)	Pyrene	10.078	202	312127	45.5056	ng	84
92)	Benzidine	9.966	184	79846	24.7871	ng	88
94)	4,4'-DDE	10.198	246	66625	47.1170	ng	93
95)	4,4'-DDD	10.602	235	123566	46.9453	ng	95
96)	Butylbenzylphthalate	10.856	149	131451	47.6245	ng	85
97)	4,4'-DDT	10.961	235	106991	47.1025	ng	96
98)	3,3'-Dichlorobenzidine	11.515	252	97210	47.4590	ng	95
99)	Benzo[a]anthracene	11.545	228	304695	45.0910	ng	99
100)	Chrysene	11.590	228	303396	44.9081	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.597	149	200659	47.6015	ng	93
103)	Di-n-octylphthalate	12.570	149	296633	49.5176	ng	100
104)	Benzo[b]fluoranthene	13.161	252	286866	48.0306	ng	93
105)	Benzo[k]fluoranthene	13.213	252	274522	42.9442	ng	92
106)	Benzo[a]pyrene	13.729	252	258654	45.4188	ng	92
107)	Indeno[1,2,3-cd]pyrene	15.712	276	240527m	46.4744	ng	
108)	Dibenzo[a,h]anthracene	15.750	278	260961	46.0750	ng	85
109)	Benzo[g,h,i]perylene	16.131	276	257070	45.3519	ng	93



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 14M003290.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 50PPM
Data File: 14M003290.D
Acq On : 12/01/25 08:09
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 2
Misc : A,BNA
QtMeth : 14M 0929.M
QtOn : 12/01/25 08:41
QtUpd On: 09/29/25 14:11
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147435.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/2/2025 8:16:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8(INT)	1	0	I	2.22	40.00	40	**			0.000	0.00	
1,4-Dioxane	1	0		2.24	47.09	50	**		1.039	0.979	5.81	
Pyridine	1	0		2.50	51.01	50	**		2.282	2.328	2.02	
N-Nitrosodimethylamine	1	0		2.45	58.78	50	**		1.354	1.592	17.57	
2-Fluorophenol	1	0	S	3.51	55.46	50	**		2.221	2.463	10.92	
Benzaldehyde	1	0		4.23	49.18	50	20	0.01	1.937	1.905	1.64	
Aniline	1	0		4.32	53.24	50	**		3.185	3.391	6.48	
Pentachloroethane	1	0		4.36	54.40	50	**	0.05	0.765	0.832	8.81	
bis(2-Chloroethyl)ether	1	0		4.36	57.05	50	20	0.7	2.064	2.355	14.10	
Phenol-d5	1	0	S	4.27	58.68	50	**		2.742	3.218	17.35	
Phenol	1	0		4.28	64.11	50	20	0.8	2.605	3.340	28.21	C1
2-Chlorophenol	1	0		4.41	56.26	50	20	0.8	2.241	2.522	12.52	
N-Decane	1	0		4.43	56.96	50	**	0.05	1.778	2.025	13.92	
1,3-Dichlorobenzene	1	0		4.54	51.85	50	**		2.615	2.712	3.69	
1,4-Dichlorobenzene-d4	1	0	I	4.58	40.00	40	**			0.000	0.00	
1,4-Dichlorobenzene	1	0		4.60	47.86	50	20		1.314	1.258	4.28	
1,2-Dichlorobenzene	1	0		4.72	49.58	50	**		1.249	1.238	0.84	
Benzyl alcohol	1	0		4.69	54.94	50	**		0.724	0.796	9.87	
bis(2-chloroisopropyl)ether	1	0		4.79	63.24	50	20	0.01	0.955	1.208	26.48	C1
2-Methylphenol	1	0		4.77	52.28	50	20	0.7	0.994	1.039	4.56	
Acetophenone	1	0		4.90	56.20	50	20	0.01	1.638	1.842	12.41	
Hexachloroethane	1	0		4.99	51.70	50	20	0.3	0.463	0.479	3.40	
N-Nitroso-di-n-propylamine	1	0		4.89	56.14	50	20	0.5	0.698	0.784	12.28	
3&4-Methylphenol	1	0		4.89	52.10	50	20		1.071	1.116	4.21	
Naphthalene-d8	1	0	I	5.57	40.00	40	**			0.000	0.00	
Nitrobenzene-d5	1	0	S	5.02	24.22	25	**		0.148	0.143	3.13	
Nitrobenzene	1	0		5.03	48.60	50	20	0.2	0.291	0.283	2.80	
Isophorone	1	0		5.22	55.32	50	20	0.4	0.509	0.563	10.64	
2-Nitrophenol	1	0		5.28	52.24	50	20	0.1	0.164	0.171	4.48	
2,4-Dimethylphenol	1	0		5.30	51.36	50	20	0.2	0.276	0.284	2.72	
Benzoic Acid	1	0		5.35	27.27	50	**		0.217	0.118	45.47	
bis(2-Chloroethoxy)methane	1	0		5.37	53.63	50	20	0.3	0.319	0.342	7.26	
2,4-Dichlorophenol	1	0		5.46	47.80	50	20	0.2	0.275	0.263	4.40	
1,2,4-Trichlorobenzene	1	0		5.53	47.62	50	**		0.302	0.287	4.75	
Naphthalene	1	0		5.59	48.96	50	20	0.7	0.883	0.865	2.09	
4-Chloroaniline	1	0		5.62	47.96	50	20	0.01	0.352	0.338	4.07	
Hexachlorobutadiene	1	0		5.67	46.35	50	20	0.01	0.179	0.166	7.31	
Caprolactam	1	0		5.90	52.33	50	20	0.01	0.101	0.105	4.67	
4-Chloro-3-methylphenol	1	0		5.99	51.36	50	20	0.2	0.241	0.247	2.72	
2-Methylnaphthalene	1	0		6.13	49.21	50	**	0.4	0.562	0.553	1.59	
1-Methylnaphthalene	1	0		6.21	49.86	50	**	0.4	0.567	0.565	0.28	
Methylnaphthalenes	1	0		6.13	99.19	50	**			1.121	98.38	
1,1'-Biphenyl	1	0		6.50	48.18	50	20	0.01	0.783	0.754	3.64	
Acenaphthene-d10	1	0	I	7.01	40.00	40	**			0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.26	46.08	50	20	0.01	0.634	0.584	7.83	
Hexachlorocyclopentadiene	1	0		6.25	43.96	50	20	0.05	0.355	0.312	12.08	
2,4,6-Trichlorophenol	1	0		6.35	47.43	50	20	0.2	0.360	0.341	5.13	
2,4,5-Trichlorophenol	1	0		6.39	48.43	50	20	0.2	0.375	0.363	3.15	
2-Fluorobiphenyl	1	0	S	6.41	23.46	25	**		1.275	1.197	6.14	
2-Chloronaphthalene	1	0		6.53	47.69	50	20	0.8	0.990	0.944	4.63	
1,4-Dimethylnaphthalene	1	0		6.81	49.91	50	**		0.793	0.791	0.18	
Dimethylnaphthalenes	1	0		6.81	49.91	50	20			0.791	0.18	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147435.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/2/2025 8:16:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
Diphenyl Ether	1	0		6.59	48.95	50	**		0.854	0.836	2.10	
2-Nitroaniline	1	0		6.61	51.58	50	20	0.01	0.276	0.285	3.16	
Acenaphthylene	1	0		6.89	49.87	50	20	0.9	1.569	1.565	0.26	
Dimethylphthalate	1	0		6.76	49.32	50	20	0.01	1.154	1.139	1.36	
2,6-Dinitrotoluene	1	0		6.81	50.68	50	20	0.2	0.252	0.256	1.36	
Acenaphthene	1	0		7.04	49.20	50	20	0.9	0.970	0.955	1.61	
3-Nitroaniline	1	0		6.97	52.30	50	20	0.01	0.263	0.275	4.60	
2,4-Dinitrophenol	1	0		7.06	52.04	50	20	0.2	0.119	0.132	4.09	
Dibenzofuran	1	0		7.20	49.11	50	20	0.8	1.403	1.377	1.79	
2,4-Dinitrotoluene	1	0		7.17	50.65	50	20	0.2	0.351	0.355	1.29	
4-Nitrophenol	1	0		7.10	47.87	50	20	0.01	0.153	0.146	4.25	
2,3,4,6-Tetrachlorophenol	1	0		7.31	48.04	50	20	0.01	0.314	0.302	3.92	
Fluorene	1	0		7.53	48.32	50	20	0.9	1.165	1.126	3.37	
4-Chlorophenyl-phenylether	1	0		7.51	46.57	50	20	0.4	0.607	0.566	6.85	
Diethylphthalate	1	0		7.39	49.32	50	20	0.01	1.148	1.132	1.35	
4-Nitroaniline	1	0		7.54	47.94	50	20	0.01	0.275	0.263	4.13	
Atrazine	1	0		8.17	48.28	50	20	0.01	0.424	0.410	3.43	
Phenanthrene-d10	1	0	I	8.49	40.00	40	**			0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.56	56.49	50	20	0.01	0.094	0.106	12.98	
n-Nitrosodiphenylamine	1	0		7.63	51.14	50	20	0.01	0.494	0.505	2.28	
2,4,6-Tribromophenol	1	0	S	7.76	50.22	50	**		0.105	0.106	0.43	
1,2-Diphenylhydrazine	1	0		7.67	60.22	50	**		0.473	0.569	20.43	
4-Bromophenyl-phenylether	1	0		8.01	48.80	50	20	0.1	0.199	0.194	2.41	
Hexachlorobenzene	1	0		8.07	49.37	50	20	0.1	0.213	0.210	1.26	
N-Octadecane	1	0		8.34	58.38	50	**	0.05	0.271	0.317	16.76	
Pentachlorophenol	1	0		8.28	46.57	50	20	0.05	0.130	0.121	6.86	
Phenanthrene	1	0		8.52	48.79	50	20	0.7	0.842	0.822	2.42	
Anthracene	1	0		8.57	50.39	50	20	0.7	0.853	0.860	0.78	
Carbazole	1	0		8.74	50.90	50	20	0.01	0.787	0.801	1.79	
Di-n-butylphthalate	1	0		9.12	52.67	50	20	0.01	0.998	1.051	5.34	
Fluoranthene	1	0		9.86	49.49	50	20	0.6	1.014	1.003	1.02	
Chrysene-d12	1	0	I	11.60	40.00	40	**			0.000	0.00	
Pyrene	1	0		10.12	49.62	50	20	0.6	1.169	1.160	0.77	
Benzidine	1	0		10.01	27.85	50	**		0.603	0.336	44.31	
Terphenyl-d14	1	0	S	10.30	24.53	25	**		0.877	0.861	1.87	
4,4'-DDE	1	0		10.24	48.43		**		0.250			
4,4'-DDD	1	0		10.64	50.76		**		0.480			
Butylbenzylphthalate	1	0		10.90	54.50	50	20	0.01	0.485	0.529	9.00	
4,4'-DDT	1	0		11.00	52.52		**		0.371			
3,3'-Dichlorobenzidine	1	0		11.56	51.21	50	20	0.01	0.377	0.386	2.42	
Benzo[a]anthracene	1	0		11.59	50.11	50	20	0.8	1.083	1.086	0.21	
Chrysene	1	0		11.64	50.10	50	20	0.7	0.977	0.979	0.20	
bis(2-Ethylhexyl)phthalate	1	0		11.64	57.43	50	20	0.01	0.637	0.731	14.87	
Perylene-d12	1	0	I	13.91	40.00	40	**			0.000	0.00	
Di-n-octylphthalate	1	0		12.63	55.78	50	20	0.01	1.152	1.286	11.57	
Benzo[b]fluoranthene	1	0		13.23	49.35	50	20	0.7	1.019	1.006	1.29	
Benzo[k]fluoranthene	1	0		13.28	50.44	50	20	0.7	1.008	1.017	0.87	
Benzo[a]pyrene	1	0		13.81	49.52	50	20	0.7	0.975	0.966	0.96	
Indeno[1,2,3-cd]pyrene	1	0		15.78	47.02	50	20	0.5	0.973	0.915	5.97	
Dibenzo[a,h]anthracene	1	0		15.82	48.61	50	20	0.4	0.933	0.907	2.78	
Benzo[g,h,i]perylene	1	0		16.21	48.81	50	20	0.5	0.911	0.889	2.39	
gamma-BHC	1	100		0.00	0.00	10	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147435.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/2/2025 8:16:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8-Surro	1	100		0.00	0.00	40	**			0.000	0.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50	**			0.000	0.00	
1,4-Dioxane-d8	1	100		0.00	0.00	40	**			0.000	0.00	
Toluene Diisocyanate	1	100		0.00	0.00	50	**			0.000	0.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50	**			0.000	0.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	100	**		0.565	0.000	0.00	
Methoxychlor	1	100		0.00	0.00	10	**			0.000	0.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50	**			0.000	0.00	
Heptachlor	1	100		0.00	0.00	10	**			0.000	0.00	
4-Methylphenol	1	100		0.00	0.00	50	**	0.6		0.000	0.00	
Endrin	1	100		0.00	0.00	50	**			0.000	0.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50	**		0.793	0.000	0.00	
Heptachlor epoxide	1	100		0.00	0.00	10	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147435.D Sam Mult : 1 Vial# : 2 Qt On : 12/02/25 08:37
Acq On : 12/ 2/25 08:16 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

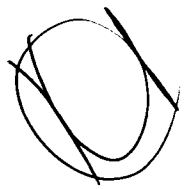
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.219	96	52995	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	111548	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	440864	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	257448	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	496124	40.00	ng	0.00
90) Chrysene-d12	11.603	240	428270	40.00	ng	0.00
102) Perylene-d12	13.912	264	446351	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	163180	55.46	ng	0.00
Spiked Amount 100.000			Recovery = 55.46%			
16) Phenol-d5	4.270	99	213147	58.68	ng	0.00
Spiked Amount 100.000			Recovery = 58.68%			
32) Nitrobenzene-d5	5.016	128	39529	24.22	ng	0.00
Spiked Amount 50.000			Recovery = 48.44%			
55) 2-Fluorobiphenyl	6.415	172	192543	23.46	ng	0.00
Spiked Amount 50.000			Recovery = 46.92%			
79) 2,4,6-Tribromophenol	7.760	330	65534	50.22	ng	0.00
Spiked Amount 100.000			Recovery = 50.22%			
93) Terphenyl-d14	10.304	244	230468	24.53	ng	0.00
Spiked Amount 50.000			Recovery = 49.06%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.237	88	64833	47.0932	ng	94
9) Pyridine	2.496	79	154209	51.0089	ng	62
10) N-Nitrosodimethylamine	2.449	74	105470	58.7845	ng	67
12) Benzaldehyde	4.235	77	126193	49.1810	ng	71
13) Aniline	4.317	93	224631	53.2405	ng	59
14) Pentachloroethane	4.358	117	55111	54.4029	ng	74
15) bis(2-Chloroethyl)ether	4.364	93	155994	57.0478	ng	75
17) Phenol	4.276	94	221265	64.1066	ng	81
18) 2-Chlorophenol	4.411	128	167035	56.2624	ng	77
19) N-Decane	4.435	57	134142	56.9600	ng	97
20) 1,3-Dichlorobenzene	4.540	146	179647	51.8466	ng	96
22) 1,4-Dichlorobenzene	4.599	146	175442	47.8610	ng	98
23) 1,2-Dichlorobenzene	4.717	146	172626	49.5782	ng	98
24) Benzyl alcohol	4.687	108	110979	54.9370	ng	65
25) bis(2-chloroisopropyl)...	4.787	45	168433	63.2421	ng	99
26) 2-Methylphenol	4.769	108	144915	52.2794	ng	99
27) Acetophenone	4.899	105	256811	56.2046	ng	55
28) Hexachloroethane	4.987	117	66795	51.7016	ng	89
29) N-Nitroso-di-n-propyla...	4.893	70	109290	56.1384	ng	72
30) 3&4-Methylphenol	4.887	108	155603	52.1031	ng	93
33) Nitrobenzene	5.034	77	155887	48.6019	ng	75
34) Isophorone	5.216	82	310333	55.3195	ng	83
35) 2-Nitrophenol	5.281	139	94258	52.2383	ng	73
36) 2,4-Dimethylphenol	5.298	107	156499	51.3581	ng	89
37) Benzoic Acid	5.351	105	65084m	27.2673	ng	
38) bis(2-Chloroethoxy)met...	5.375	93	188382	53.6288	ng	96
39) 2,4-Dichlorophenol	5.457	162	144990	47.7998	ng	87
40) 1,2,4-Trichlorobenzene	5.527	180	158356	47.6229	ng	95
41) Naphthalene	5.592	128	476571	48.9562	ng	98
42) 4-Chloroaniline	5.621	127	186067m	47.9640	ng	
43) Hexachlorobutadiene	5.674	225	91536	46.3461	ng	97
44) Caprolactam	5.898	113	57981	52.3325	ng	66
45) 4-Chloro-3-methylphenol	5.992	107	136329	51.3595	ng	75
46) 2-Methylnaphthalene	6.127	142	305014	49.2067	ng	97
47) 1-Methylnaphthalene	6.209	142	311484	49.8625	ng	89
48) Methylnaphthalenes (To...	6.127	142	617909m	99.1906	ng	
49) 1,1'-Biphenyl	6.503	154	415586	48.1794	ng	94
51) 1,2,4,5-Tetrachloroben...	6.256	216	187990	46.0838	ng	98
52) Hexachlorocyclopentadiene	6.250	237	100447	43.9577	ng	98
53) 2,4,6-Trichlorophenol	6.350	196	109873	47.4333	ng	98
54) 2,4,5-Trichlorophenol	6.385	196	116733m	48.4274	ng	
56) 2-Chloronaphthalene	6.532	162	303938	47.6852	ng	87
57) 1,4-Dimethylnaphthalene	6.814	156	254629	49.9098	ng	81
58) Dimethylnaphthalenes (...	6.814	156	254629	49.9098	ng	81
59) Diphenyl Ether	6.591	170	269137	48.9510	ng	72
60) 2-Nitroaniline	6.609	65	91734	51.5792	ng	35
61) Acenaphthylene	6.891	152	503697	49.8721	ng	99
62) Dimethylphthalate	6.755	163	366391	49.3191	ng	99
63) 2,6-Dinitrotoluene	6.814	165	82233	50.6788	ng	52
64) Acenaphthene	7.043	153	307207	49.1973	ng	93
65) 3-Nitroaniline	6.967	138	88588	52.2986	ng	71

Quantitation Report (QT Reviewed)

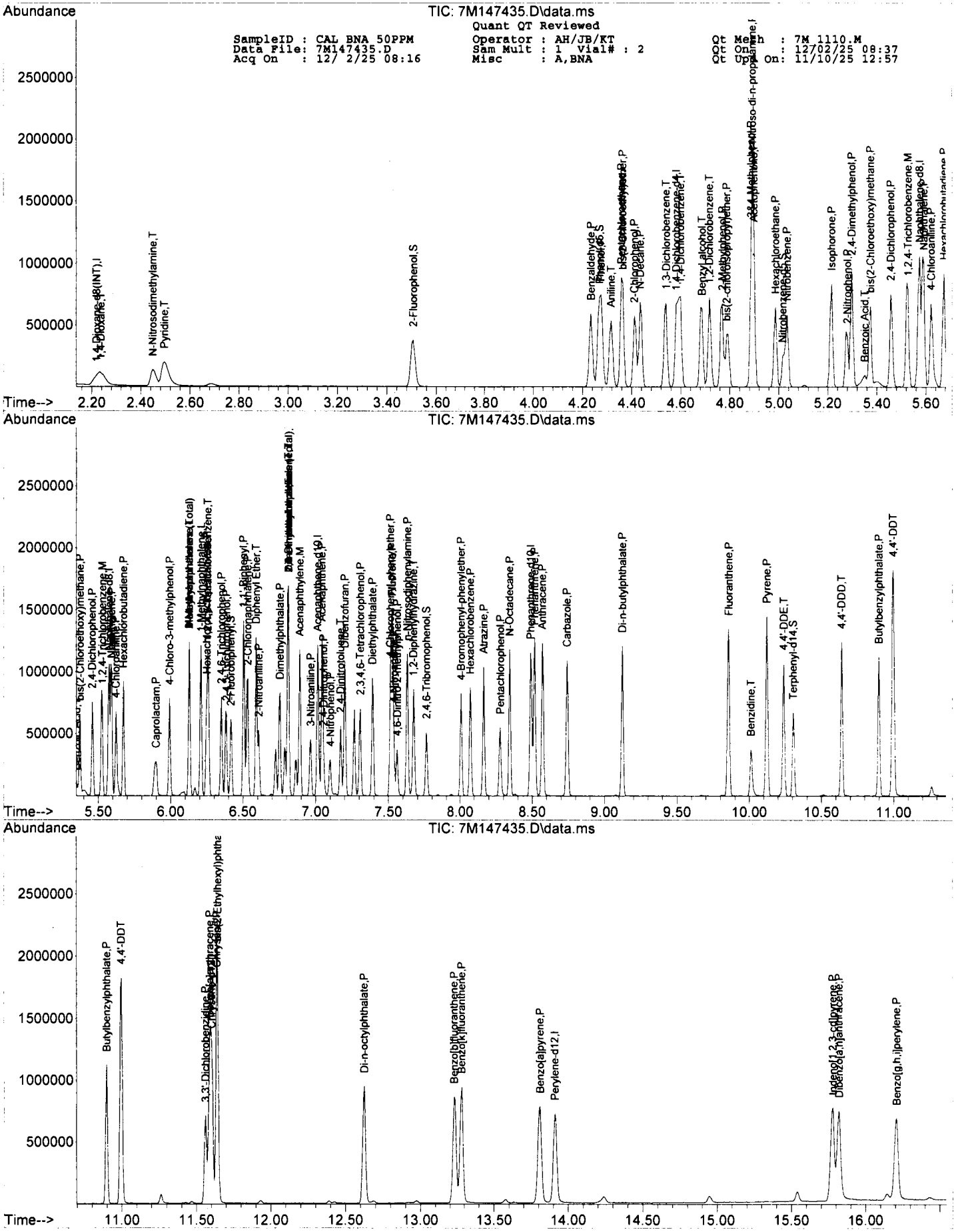
SampleID : CAL BNA 50PPM Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147435.D Sam Mult : 1 Vial# : 2 Qt On : 12/02/25 08:37
Acq On : 12/ 2/25 08:16 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.055	184	42359	52.0446	ng	32
67)	Dibenzofuran	7.202	168	443275	49.1063	ng	80
68)	2,4-Dinitrotoluene	7.173	165	114338	50.6462	ng	55
69)	4-Nitrophenol	7.102	65	47088	47.8731	ng	81
70)	2,3,4,6-Tetrachlorophenol	7.308	232	97036	48.0411	ng	79
71)	Fluorene	7.525	166	362303	48.3153	ng	97
72)	4-Chlorophenyl-phenyle...	7.513	204	181999	46.5731	ng	80
73)	Diethylphthalate	7.390	149	364397	49.3234	ng	97
74)	4-Nitroaniline	7.537	138	84758	47.9373	ng	69
75)	Atrazine	8.166	200	131835	48.2836	ng	97
77)	4,6-Dinitro-2-methylph...	7.560	198	65860	56.4903	ng	79
78)	n-Nitrosodiphenylamine	7.631	169	313194	51.1402	ng	98
80)	1,2-Diphenylhydrazine	7.672	77	352949	60.2161	ng	79
81)	4-Bromophenyl-phenylether	8.007	248	120592	48.7950	ng	76
82)	Hexachlorobenzene	8.072	284	130162	49.3688	ng	61
83)	N-Octadecane	8.342	57	196282	58.3812	ng	66
84)	Pentachlorophenol	8.277	266	75230	46.5700	ng	97
85)	Phenanthrene	8.518	178	509743	48.7880	ng	100
86)	Anthracene	8.571	178	533350	50.3881	ng	99
87)	Carbazole	8.741	167	496821	50.8969	ng	95
88)	Di-n-butylphthalate	9.123	149	652080	52.6714	ng	97
89)	Fluoranthene	9.858	202	622261	49.4879	ng	88
91)	Pyrene	10.122	202	620950	49.6164	ng	87
92)	Benzidine	10.010	184	179761	27.8450	ng	86
94)	4,4'-DDE	10.240	246	129640	48.4264	ng	92
95)	4,4'-DDD	10.639	235	260641	50.7613	ng	93
96)	Butylbenzylphthalate	10.898	149	283038	54.5011	ng	68
97)	4,4'-DDT	10.998	235	208794	52.5175	ng	95
98)	3,3'-Dichlorobenzidine	11.562	252	206471	51.2117	ng	94
99)	Benzo[a]anthracene	11.591	228	581165	50.1052	ng	100
100)	Chrysene	11.638	228	523829m	50.1015	ng	
101)	bis(2-Ethylhexyl)phtha...	11.644	149	391531	57.4338	ng	97
103)	Di-n-octylphthalate	12.625	149	717331	55.7838	ng	100
104)	Benzo[b]fluoranthene	13.230	252	561310	49.3541	ng	98
105)	Benzo[k]fluoranthene	13.283	252	567358	50.4352	ng	93
106)	Benzo[a]pyrene	13.812	252	538978	49.5178	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.780	276	510355m	47.0157	ng	
108)	Dibenzo[a,h]anthracene	15.821	278	506058	48.6120	ng	93
109)	Benzo[g,h,i]perylene	16.209	276	496042	48.8060	ng	72



(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147435.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA 50PPM
Data File: 7M147435.D
Acq On : 12/ 2/25 08:16
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 08:37
Qt Upd On: 11/10/25 12:57
2500000
2000000
1500000
1000000
500000
Time-->
2.20 2.40 2.60 2.80 3.00 3.20 3.40 3.60 3.80 4.00 4.20 4.40 4.60 4.80 5.00 5.20 5.40 5.60
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Phenol-d6,S
Phenol,P
Aniline,T
bis(2-Chloroethyl)ether,P
2-Chlorophenol,P
N-Decane,I
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-Chloroisopropyl)ether,P
Acetophenone,P
4-Methylphenol,P
N-Nitroso-di-n-propylamine,I
Hexachloroethane,P
Nitrobenzene-d5,S
Nitrobenzene,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,T
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene-d8,I
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Abundance
TIC: 7M147435.D\data.ms
2500000
2000000
1500000
1000000
500000
Time-->
5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50 11.00
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
1-Methylnaphthalene,I
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,P
2-Fluorobiphenyl,S
2-Chloronaphthalene,P
2-Nitroaniline,P
Dimethylphthalate,P
Diphenyl Ether,T
Acenaphthylene,M
Acenaphthene-d10,I
Acenaphthene,P
3-Nitroaniline,P
2,6-Dinitrotoluene,P
4-Nitrophenol,P
2,4-Dinitrophenol,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Chlorophenyl-phenylether,P
4,6-Dinitro-2-methylphenol,P
Fluorene,P
4-Nitroaniline,P
1,2-Diphenylhydrazine,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
4,4'-DDE,T
Terphenyl-d14,S
4,4'-DDD,T
Butylbenzylphthalate,P
4,4'-DDT
Abundance
TIC: 7M147435.D\data.ms
2500000
2000000
1500000
1000000
500000
Time-->
11.00 11.50 12.00 12.50 13.00 13.50 14.00 14.50 15.00 15.50 16.00
Butylbenzylphthalate,P
4,4'-DDT
3,3'-Dichlorobenzidine,P
Benzo[a]anthracene,P
Chrysene-d12,I
Chrysene,P
bis(2-Ethylhexyl)phthalate,P
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P

GC/MS Base Neutral/Acid Extractable Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 14
Data File: 14M002956.
Analysis Date: 09/29/25 08:11
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.731 to 8.754 min

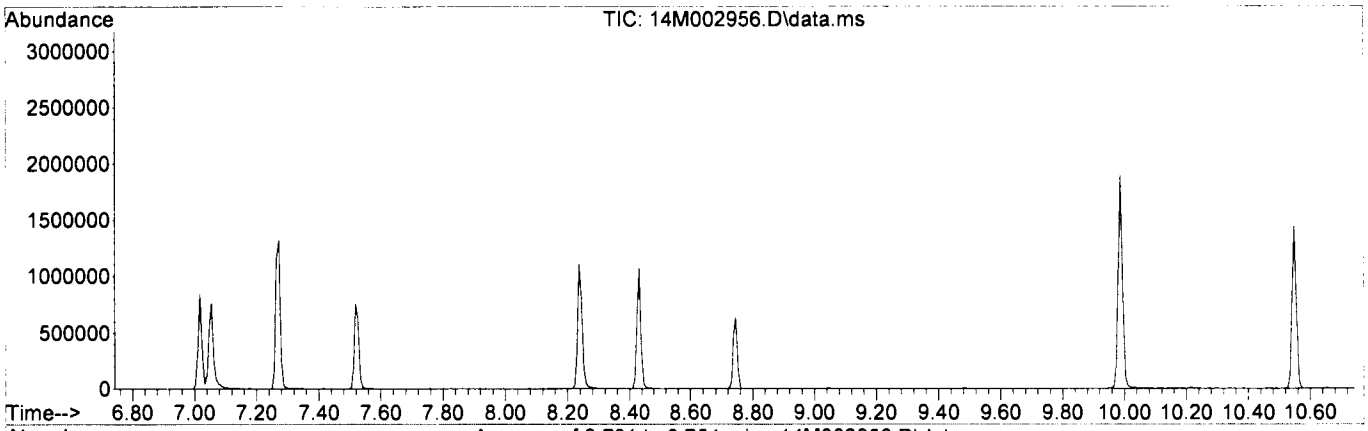
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	51.4	18277	PASS
68	69	0.00	2	1.6	261	PASS
69	198	0.00	100	46.8	16647	PASS
70	69	0.00	2	0.5	89	PASS
127	198	40	60	48.7	17304	PASS
197	198	0.00	1	0.9	321	PASS
198	198	100	100	100.0	35544	PASS
199	198	5	9	7.0	2505	PASS
275	198	10	30	24.8	8803	PASS
365	198	1	100	3.2	1140	PASS
441	443	0.01	100	79.4	4654	PASS
442	198	40	100	86.6	30793	PASS
443	442	17	23	19.0	5864	PASS

Data File	Sample Number	Analysis Date:
14M002957.D	CAL BNA 10PPM	09/29/25 09:24
14M002958.D	CAL BNA 2PPM	09/29/25 09:45
14M002959.D	CAL BNA 160PPM	09/29/25 10:06
14M002960.D	CAL BNA 196PPM	09/29/25 10:27
14M002961.D	CAL BNA 120PPM	09/29/25 10:48
14M002962.D	CAL BNA 80PPM	09/29/25 11:09
14M002963.D	BNA 50PPM	09/29/25 11:30
14M002964.D	BNA 20PPM	09/29/25 11:51
14M002965.D	CAL BNA 0.5PPM	09/29/25 12:12
14M002966.D	BNA 50PPM	09/29/25 12:34
14M002967.D	CAL BNA 20PPM	09/29/25 12:59
14M002968.D	CAL BNA 50PPM	09/29/25 13:30
14M002969.D	ICV BNA 50PPM	09/29/25 14:14

Data Path : G:\GcMsData\2025\GCMS_14\Data\09-29-25\
Data File : 14M002956.D
Acq On : 29 Sep 2025 08:11
Operator : AH/JB/KT
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GcMsData\2025\GCMS_14\MethodQt\14M_0804.M
Title : @GCMS_14,mg,625,8270
Last Update : Mon Aug 04 15:07:32 2025



Spectrum Information: Average of 8.731 to 8.754 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	51.4	18277	PASS
68	69	0.00	2	1.6	261	PASS
69	198	0.00	100	46.8	16647	PASS
70	69	0.00	2	0.5	89	PASS
127	198	40	60	48.7	17304	PASS
197	198	0.00	1	0.9	321	PASS
198	198	100	100	100.0	35544	PASS
199	198	5	9	7.0	2505	PASS
275	198	10	30	24.8	8803	PASS
365	198	1	100	3.2	1140	PASS
441	443	0.01	100	79.4	4654	PASS
442	198	40	100	86.6	30793	PASS
443	442	17	23	19.0	5864	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 7
Data File: 7M147167.D
Analysis Date: 11/10/25 07:40
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.777 to 8.788 min

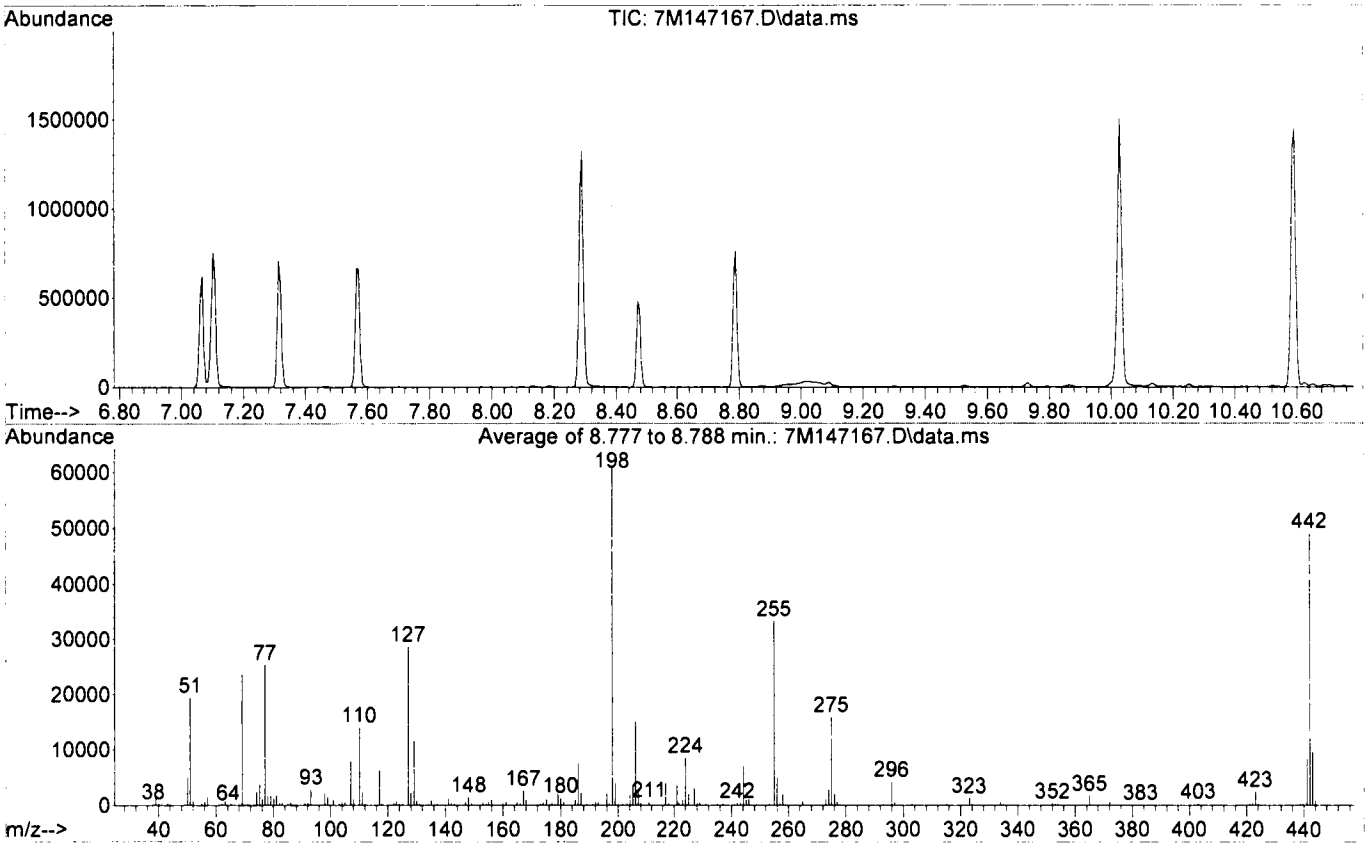
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	31.8	19505	PASS
68	69	0.00	2	0.4	97	PASS
69	198	0.00	100	38.6	23685	PASS
70	69	0.00	2	0.8	179	PASS
127	198	40	60	46.9	28716	PASS
197	198	0.00	1	0.6	380	PASS
198	198	100	100	100.0	61283	PASS
199	198	5	9	6.6	4026	PASS
275	198	10	30	26.0	15917	PASS
365	198	1	100	2.9	1774	PASS
441	443	0.01	100	87.7	8440	PASS
442	198	40	100	80.1	49077	PASS
443	442	17	23	19.6	9619	PASS

Data File	Sample Number	Analysis Date:
7M147168.D	CAL BNA 50PPM	11/10/25 08:27
7M147169.D	CAL BNA 196PPM	11/10/25 08:51
7M147170.D	CAL BNA 160PPM	11/10/25 09:13
7M147171.D	CAL BNA 120PPM	11/10/25 09:35
7M147172.D	CAL BNA 80PPM	11/10/25 09:57
7M147173.D	CAL BNA 20PPM	11/10/25 10:19
7M147174.D	CAL BNA 10PPM	11/10/25 10:41
7M147175.D	CAL BNA 2PPM	11/10/25 11:03
7M147176.D	CAL BNA 0.5PPM	11/10/25 11:26
7M147177.D	CAL BNA 50PPM	11/10/25 11:48
7M147178.D	CAL BNA 2PPM	11/10/25 12:10
7M147179.D	CAL BNA 10PPM	11/10/25 12:32
7M147180.D	ICV BNA 50PPM	11/10/25 12:54

Data Path : G:\GcMsData\2025\GCMS_7\Data\11-10-25\
Data File : 7M147167.D
Acq On : 10 Nov 2025 7:40
Operator : AH/JB/KT
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GCMSDATA\2025\GCMS_7\MethodQt\7M_1002.M
Title : @GCMS_7,mg,625,8270
Last Update : Fri Oct 03 08:39:34 2025



Spectrum Information: Average of 8.777 to 8.788 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	31.8	19505	PASS
68	69	0.00	2	0.4	97	PASS
69	198	0.00	100	38.6	23685	PASS
70	69	0.00	2	0.8	179	PASS
127	198	40	60	46.9	28716	PASS
197	198	0.00	1	0.6	380	PASS
198	198	100	100	100.0	61283	PASS
199	198	5	9	6.6	4026	PASS
275	198	10	30	26.0	15917	PASS
365	198	1	100	2.9	1774	PASS
441	443	0.01	100	87.7	8440	PASS
442	198	40	100	80.1	49077	PASS
443	442	17	23	19.6	9619	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 7
Data File: 7M147401.D
Analysis Date: 12/01/25 07:34
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.765 to 8.777 min

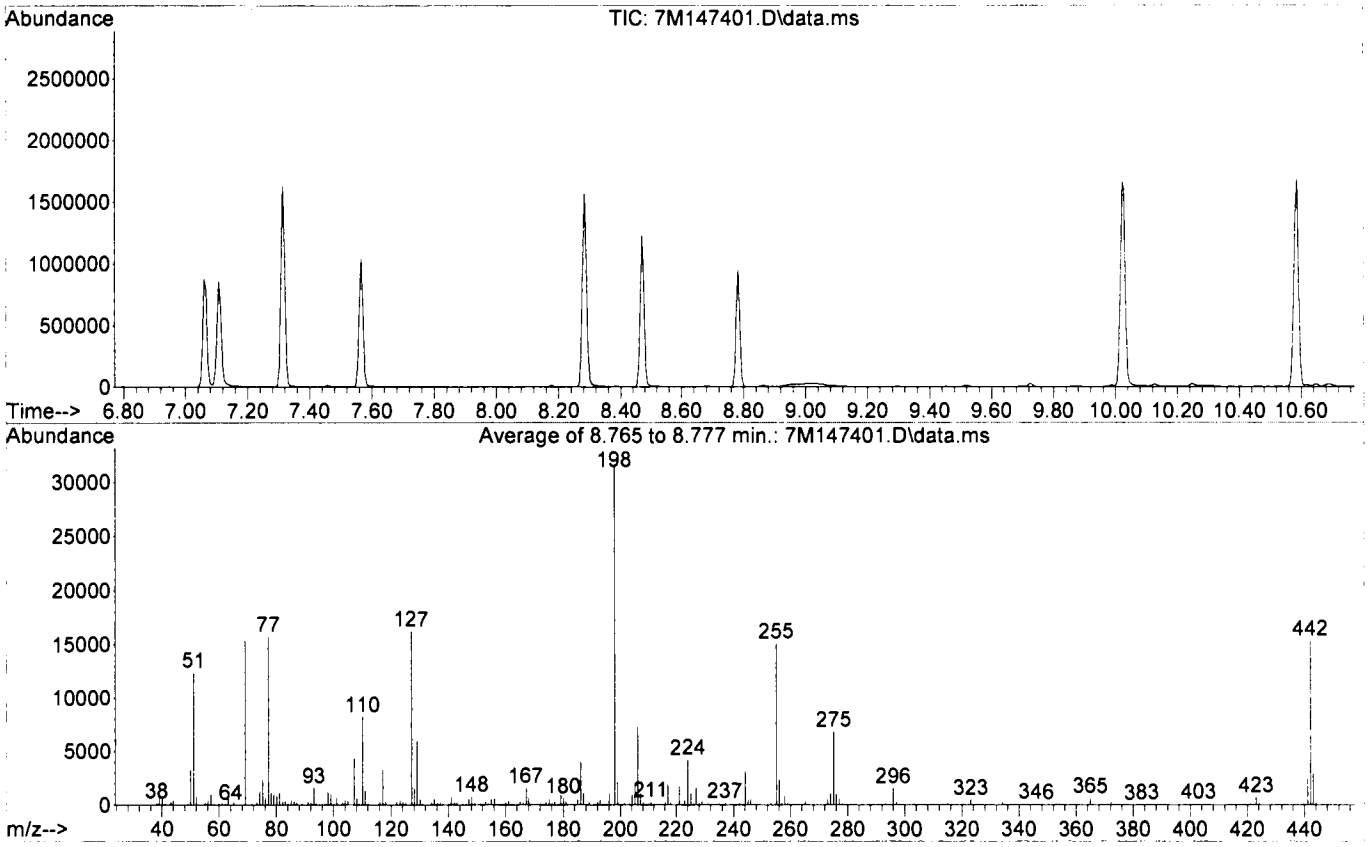
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	39.2	12404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	48.6	15369	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	51.3	16240	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	31651	PASS
199	198	5	9	6.8	2166	PASS
275	198	10	30	21.7	6877	PASS
365	198	1	100	2.2	685	PASS
441	443	0.01	100	84.2	2508	PASS
442	198	40	100	48.5	15351	PASS
443	442	17	23	19.4	2980	PASS

Data File	Sample Number	Analysis Date:
7M147402.D	CAL BNA 50PPM	12/01/25 08:01
7M147403.D	WMB128183(MS)	12/01/25 08:25
7M147404.D	WMB128181	12/01/25 08:47
7M147405.D	WMB128183	12/01/25 09:09
7M147406.D	AD56648-001	12/01/25 09:31
7M147407.D	AD56648-002	12/01/25 09:53
7M147408.D	AD56648-003	12/01/25 10:15
7M147409.D	AD56531-001(T)	12/01/25 10:37
7M147410.D	AD56627-001(T)	12/01/25 10:58
7M147411.D	AD56556-004(R)	12/01/25 11:20
7M147412.D	AD56573-001(T)	12/01/25 11:42
7M147413.D	EF1 V-452783(11/2	12/01/25 12:04
7M147414.D	AD56688-001	12/01/25 12:26
7M147415.D	AD56713-001	12/01/25 12:48
7M147416.D	AD56679-001(5X)(	12/01/25 13:09
7M147417.D	AD56531-001(T)(M	12/01/25 13:31
7M147418.D	AD56531-001(T)(M	12/01/25 13:53
7M147419.D	AD56705-001	12/01/25 14:15
7M147420.D	SMB128198(MS)	12/01/25 14:37
7M147421.D	SMB128196(MS)	12/01/25 14:59
7M147422.D	OMB128199(MS)	12/01/25 15:21
7M147423.D	AD56705-002	12/01/25 15:43
7M147424.D	AD56705-003	12/01/25 16:05
7M147425.D	WMB128203	12/01/25 16:27
7M147426.D	AD56705-004	12/01/25 16:49
7M147427.D	AD56672-001	12/01/25 17:10
7M147428.D	AD56672-002	12/01/25 17:32
7M147429.D	AD56672-003	12/01/25 17:54
7M147430.D	AD56733-002	12/01/25 18:16
7M147431.D	AD56733-003	12/01/25 18:38
7M147432.D	AD56733-004	12/01/25 19:00
7M147433.D	AD56733-005	12/01/25 19:22

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Data File : 7M147401.D
Acq On : 1 Dec 2025 7:34
Operator : AH/JB/KT
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GCMSDATA\2025\GCMS_7\MethodQt\7M_1110.M
Title : @GCMS_7,mg,625,8270
Last Update : Mon Nov 10 12:57:27 2025



Spectrum Information: Average of 8.765 to 8.777 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	39.2	12404	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	48.6	15369	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	51.3	16240	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	31651	PASS
199	198	5	9	6.8	2166	PASS
275	198	10	30	21.7	6877	PASS
365	198	1	100	2.2	685	PASS
441	443	0.01	100	84.2	2508	PASS
442	198	40	100	48.5	15351	PASS
443	442	17	23	19.4	2980	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 14M003289.
Instrument: GCMS 14 **Analysis Date:** 12/01/25 07:42
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.724 to 8.739 min

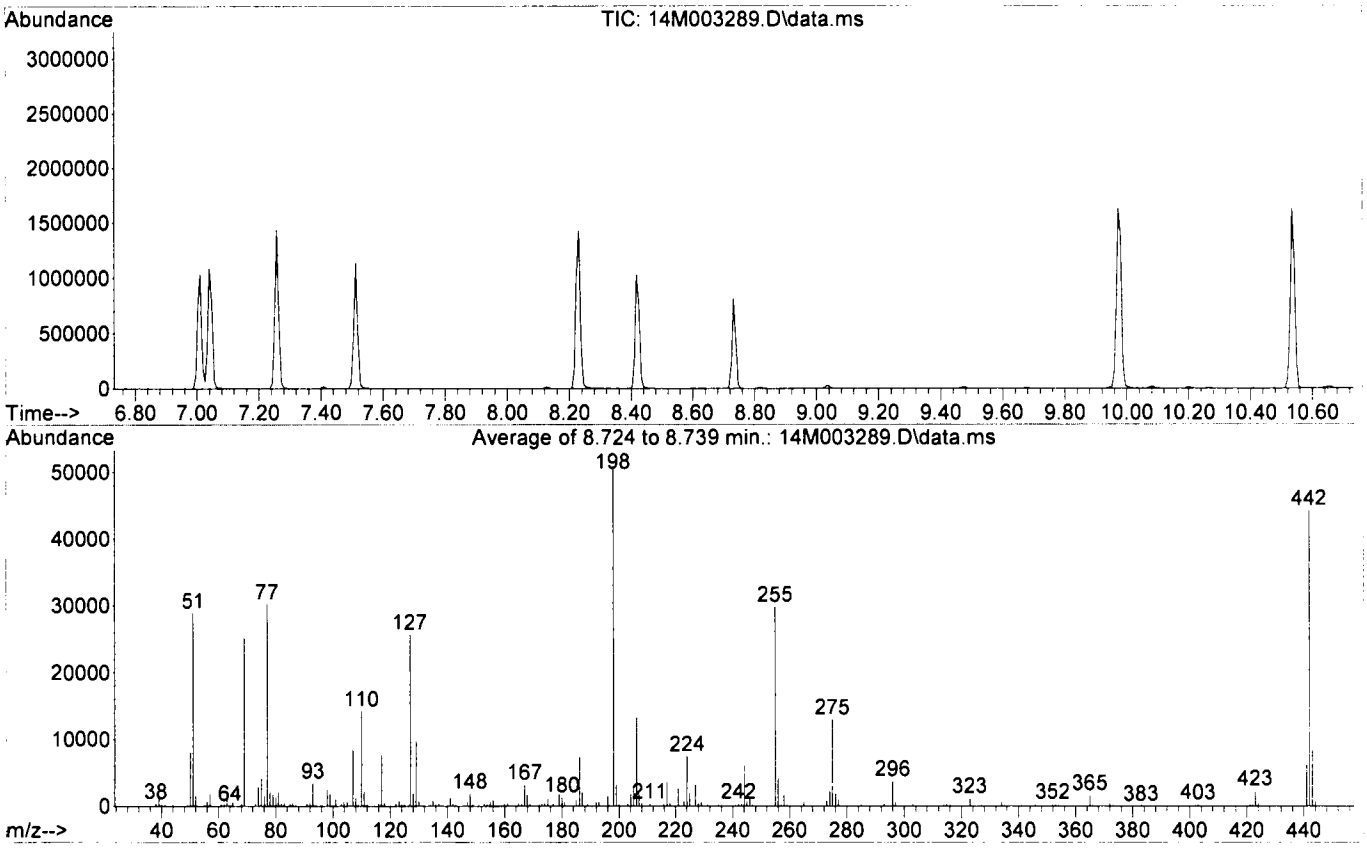
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.9	28949	PASS
68	69	0.00	2	1.6	405	PASS
69	198	0.00	100	49.6	25205	PASS
70	69	0.00	2	0.2	57	PASS
127	198	40	60	50.6	25721	PASS
197	198	0.00	1	0.4	207	PASS
198	198	100	100	100.0	50848	PASS
199	198	5	9	6.5	3285	PASS
275	198	10	30	25.6	12993	PASS
365	198	1	100	3.2	1648	PASS
441	443	0.01	100	74.1	6240	PASS
442	198	40	100	87.1	44291	PASS
443	442	17	23	19.0	8423	PASS

Data File	Sample Number	Analysis Date:
14M003290.D	CAL BNA 50PPM	12/01/25 08:09
14M003291.D	WMB128181(MS)	12/01/25 08:45
14M003292.D	WMB128181	12/01/25 09:06
14M003293.D	AD56611-003	12/01/25 09:27
14M003294.D	AD56621-013	12/01/25 09:47
14M003295.D	AD56621-014	12/01/25 10:08
14M003296.D	AD56621-015(MS:	12/01/25 10:29
14M003297.D	AD56621-016(MSD	12/01/25 10:50
14M003298.D	AD56621-017	12/01/25 11:11
14M003299.D	AD56621-018	12/01/25 11:32
14M003300.D	AD56621-019	12/01/25 11:53
14M003301.D	AD56621-020	12/01/25 12:14
14M003302.D	WMB128192(MS)	12/01/25 12:34
14M003303.D	AD56628-001	12/01/25 12:55
14M003304.D	AD56628-002	12/01/25 13:16
14M003305.D	AD56628-003	12/01/25 13:37
14M003306.D	AD56676-001	12/01/25 13:58
14M003307.D	AD56621-002(5X)	12/01/25 14:19
14M003308.D	TEST	12/01/25 14:40
14M003309.D	WMB128192	12/01/25 15:01
14M003310.D	WMB128203(MS)	12/01/25 15:21
14M003311.D	AD56687-001	12/01/25 15:42
14M003312.D	AD56687-002(MS:	12/01/25 16:03
14M003313.D	AD56687-003(MSD	12/01/25 16:24
14M003314.D	AD56687-004	12/01/25 16:45
14M003315.D	AD56687-005	12/01/25 17:06
14M003316.D	AD56687-006	12/01/25 17:27
14M003317.D	AD56687-007	12/01/25 17:48
14M003318.D	AD56687-008	12/01/25 18:09
14M003319.D	AD56687-009	12/01/25 18:29
14M003320.D	AD56687-010	12/01/25 18:50
14M003321.D	AD56687-011	12/01/25 19:11
14M003322.D	AD56687-012	12/01/25 19:32

Data Path : G:\GcMsData\2025\GCMS_14\Data\12-01-25\
Data File : 14M003289.D
Acq On : 01 Dec 2025 07:42
Operator : AH/JB/KT
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GcMsData\2025\GCMS_14\MethodQt\14M_0929.M
Title : @GCMS_14,mg,625,8270
Last Update : Mon Sep 29 14:08:57 2025



Spectrum Information: Average of 8.724 to 8.739 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.9	28949	PASS
68	69	0.00	2	1.6	405	PASS
69	198	0.00	100	49.6	25205	PASS
70	69	0.00	2	0.2	57	PASS
127	198	40	60	50.6	25721	PASS
197	198	0.00	1	0.4	207	PASS
198	198	100	100	100.0	50848	PASS
199	198	5	9	6.5	3285	PASS
275	198	10	30	25.6	12993	PASS
365	198	1	100	3.2	1648	PASS
441	443	0.01	100	74.1	6240	PASS
442	198	40	100	87.1	44291	PASS
443	442	17	23	19.0	8423	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 7M147434.D
Instrument: GCMS 7 **Analysis Date:** 12/02/25 07:54
Method: EPA 8270E

Tune Scan/Time Range: Average of 8.765 to 8.783 min

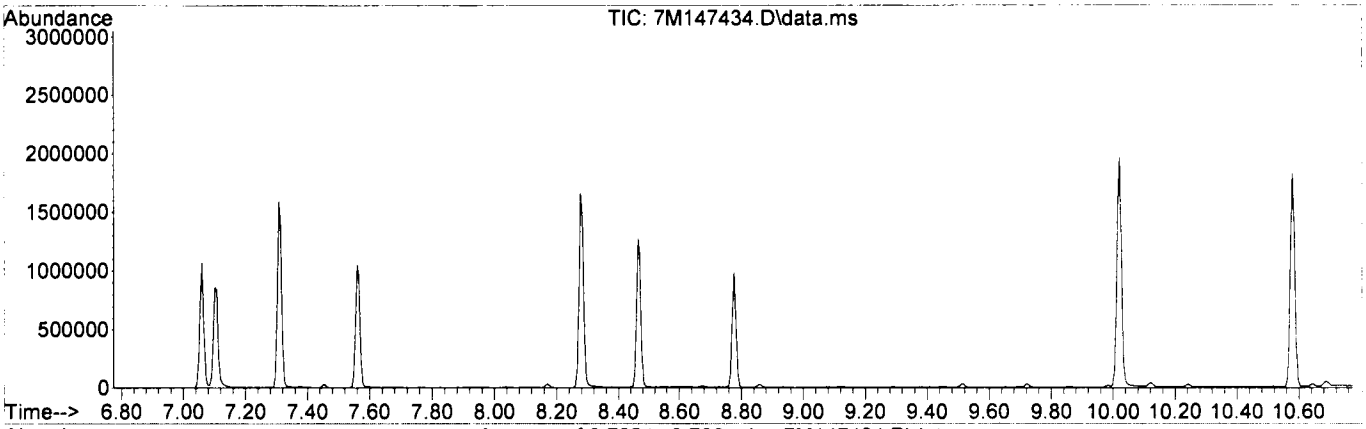
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	30.8	20430	PASS
68	69	0.00	2	0.2	57	PASS
69	198	0.00	100	39.0	25900	PASS
70	69	0.00	2	0.8	220	PASS
127	198	40	60	47.9	31773	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	66352	PASS
199	198	5	9	7.1	4721	PASS
275	198	10	30	27.2	18063	PASS
365	198	1	100	3.2	2128	PASS
441	443	0.01	100	82.6	10141	PASS
442	198	40	100	92.5	61356	PASS
443	442	17	23	20.0	12284	PASS

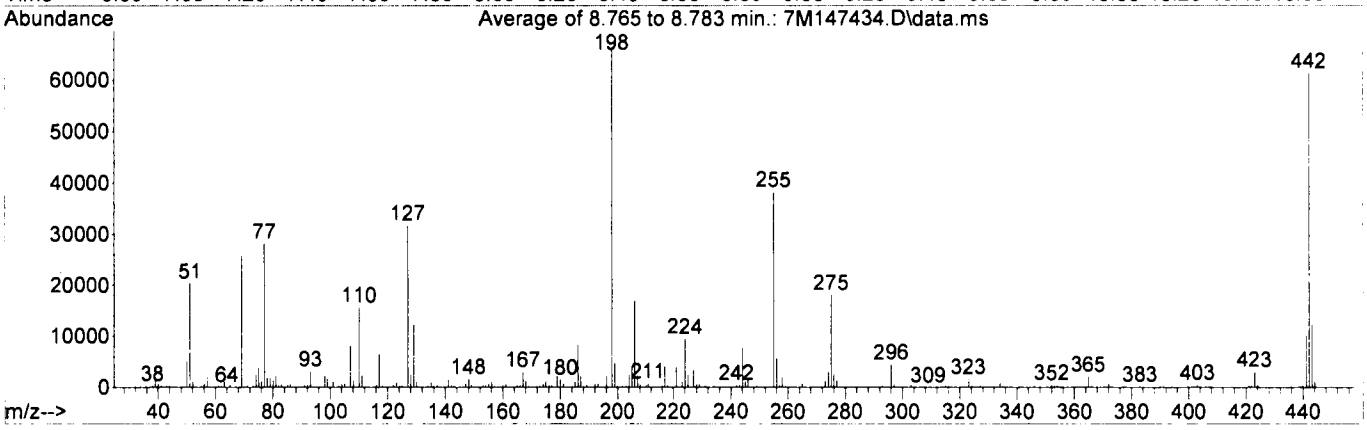
Data File	Sample Number	Analysis Date:
7M147435.D	CAL BNA 50PPM	12/02/25 08:16
7M147436.D	AD56733-007	12/02/25 08:41
7M147437.D	AD56733-008(MS:	12/02/25 09:03
7M147438.D	AD56733-009(MSD	12/02/25 09:25
7M147439.D	AD56733-006	12/02/25 09:47
7M147440.D	AD56733-010	12/02/25 10:08
7M147441.D	AD56733-011	12/02/25 10:30
7M147442.D	AD56705-004(5X)	12/02/25 10:52
7M147443.D	SMB128208(MS)	12/02/25 11:14
7M147444.D	SMB128208	12/02/25 11:36
7M147445.D	WMB128192	12/02/25 11:58
7M147446.D	AD56687-005(50X)	12/02/25 12:19
7M147447.D	AD56687-006(40X)	12/02/25 12:41
7M147448.D	AD56687-009(40X)	12/02/25 13:03
7M147449.D	AD56687-011(30X)	12/02/25 13:25
7M147450.D	AD56641-004(3X)	12/02/25 13:47
7M147451.D	AD56521-009(3X)	12/02/25 14:09
7M147452.D	AD56521-008(3X)	12/02/25 14:31
7M147453.D	AD56521-014	12/02/25 14:53
7M147454.D	AD56521-012	12/02/25 15:15
7M147455.D	AD56521-011	12/02/25 15:37
7M147456.D	AD56521-016	12/02/25 15:59
7M147457.D	AD56521-015	12/02/25 16:21
7M147458.D	AD56521-001(15X)	12/02/25 16:42

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Data File : 7M147434.D
Acq On : 2 Dec 2025 7:54
Operator : AH/JB/KT
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GCMSDATA\2025\GCMS_7\MethodQt\7M_1110.M
Title : @GCMS_7,mg,625,8270
Last Update : Mon Nov 10 12:57:27 2025





Spectrum Information: Average of 8.765 to 8.783 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	30.8	20430	PASS
68	69	0.00	2	0.2	57	PASS
69	198	0.00	100	39.0	25900	PASS
70	69	0.00	2	0.8	220	PASS
127	198	40	60	47.9	31773	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	66352	PASS
199	198	5	9	7.1	4721	PASS
275	198	10	30	27.2	18063	PASS
365	198	1	100	3.2	2128	PASS
441	443	0.01	100	82.6	10141	PASS
442	198	40	100	92.5	61356	PASS
443	442	17	23	20.0	12284	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: WMB128203
Client Id:
Data File: 7M147425.D
Analysis Date: 12/01/25 16:27
Date Rec/Extracted: NA-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.0	U	50-32-8	Benzo[a]pyrene	2.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	205-99-2	Benzo[b]fluoranthene	2.0	U
123-91-1	1,4-Dioxane	0.50	U	191-24-2	Benzo[g,h,i]perylene	2.0	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.0	U	207-08-9	Benzo[k]fluoranthene	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U	111-91-1	bis(2-Chloroethoxy)methan	2.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U	111-44-4	bis(2-Chloroethyl)ether	0.50	U
120-83-2	2,4-Dichlorophenol	0.50	U	108-60-1	bis(2-chloroisopropyl)ether	2.0	U
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.0	U
51-28-5	2,4-Dinitrophenol	10	U	85-68-7	Butylbenzylphthalate	2.0	U
121-14-2	2,4-Dinitrotoluene	2.0	U	105-60-2	Caprolactam	2.0	U
606-20-2	2,6-Dinitrotoluene	2.0	U	86-74-8	Carbazole	2.0	U
91-58-7	2-Chloronaphthalene	2.0	U	218-01-9	Chrysene	2.0	U
95-57-8	2-Chlorophenol	2.0	U	53-70-3	Dibenzo[a,h]anthracene	2.0	U
91-57-6	2-Methylnaphthalene	2.0	U	132-64-9	Dibenzofuran	2.0	U
95-48-7	2-Methylphenol	0.59	U	84-66-2	Diethylphthalate	2.0	U
88-74-4	2-Nitroaniline	2.0	U	131-11-3	Dimethylphthalate	2.0	U
88-75-5	2-Nitrophenol	2.0	U	84-74-2	Di-n-butylphthalate	2.0	U
106-44-5	3&4-Methylphenol	0.54	U	117-84-0	Di-n-octylphthalate	2.0	U
91-94-1	3,3'-Dichlorobenzidine	2.0	U	206-44-0	Fluoranthene	2.0	U
99-09-2	3-Nitroaniline	2.0	U	86-73-7	Fluorene	2.0	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U	118-74-1	Hexachlorobenzene	2.0	U
101-55-3	4-Bromophenyl-phenylether	2.0	U	87-68-3	Hexachlorobutadiene	2.0	U
59-50-7	4-Chloro-3-methylphenol	2.0	U	77-47-4	Hexachlorocyclopentadiene	6.4	U
106-47-8	4-Chloroaniline	2.0	U	67-72-1	Hexachloroethane	2.0	U
7005-72-3	4-Chlorophenyl-phenylether	2.0	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U
100-01-6	4-Nitroaniline	2.0	U	78-59-1	Isophorone	2.0	U
100-02-7	4-Nitrophenol	2.0	U	91-20-3	Naphthalene	2.0	U
83-32-9	Acenaphthene	2.0	U	98-95-3	Nitrobenzene	0.57	U
208-96-8	Acenaphthylene	2.0	U	621-64-7	N-Nitroso-di-n-propylamine	0.50	U
98-86-2	Acetophenone	2.0	U	86-30-6	n-Nitrosodiphenylamine	2.0	U
120-12-7	Anthracene	2.0	U	87-86-5	Pentachlorophenol	10	U
1912-24-9	Atrazine	2.0	U	85-01-8	Phenanthrene	2.0	U
100-52-7	Benzaldehyde	2.0	U	108-95-2	Phenol	2.0	U
56-55-3	Benzo[a]anthracene	2.0	U	129-00-0	Pyrene	2.0	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

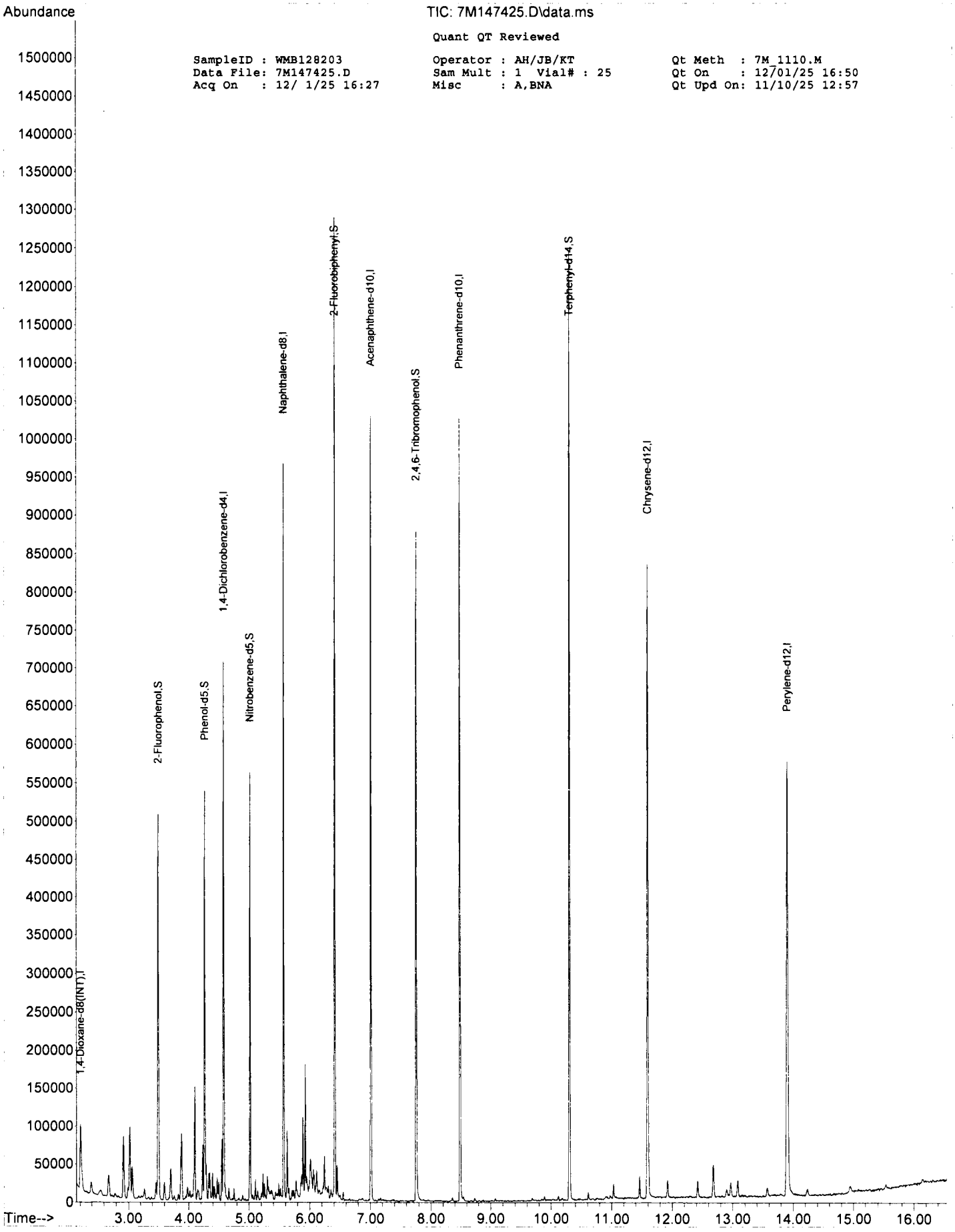
Quantitation Report (QT Reviewed)

SampleID : WMB128203 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147425.D Sam Mult : 1 Vial# : 25 Qt On : 12/01/25 16:50
Acq On : 12/ 1/25 16:27 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-01-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.208	96	58216	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.582	152	107941	40.00	ng	0.00
31) Naphthalene-d8	5.569	136	406900	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	235523	40.00	ng	0.00
76) Phenanthrene-d10	8.489	188	430718	40.00	ng	0.00
90) Chrysene-d12	11.597	240	368498	40.00	ng	-0.01
102) Perylene-d12	13.906	264	368449	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.500	112	195042	60.35	ng	0.00
Spiked Amount 100.000			Recovery = 60.35%			
16) Phenol-d5	4.264	99	171828	43.06	ng	0.00
Spiked Amount 100.000			Recovery = 43.06%			
32) Nitrobenzene-d5	5.016	128	79951	53.07	ng	0.00
Spiked Amount 50.000			Recovery = 106.14%			
55) 2-Fluorobiphenyl	6.415	172	374555	49.89	ng	0.00
Spiked Amount 50.000			Recovery = 99.78%			
79) 2,4,6-Tribromophenol	7.760	330	122053	107.73	ng	0.00
Spiked Amount 100.000			Recovery = 107.73%			
93) Terphenyl-d14	10.304	244	435590	53.89	ng	0.00
Spiked Amount 50.000			Recovery = 107.78%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 7M147425.D\data.ms
Quant QT Reviewed
SampleID : WMB128203
Data File: 7M147425.D
Acq On : 12/ 1/25 16:27
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 25
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/01/25 16:50
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	14M003310.D	WMB128203(MS)	12/1/2025 3:21:00 PM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	62.0082	0	100	62	16	112
Pyridine	1	52.04	0	100	52	10	131
N-Nitrosodimethylamine	1	65.8326	0	100	66	24	118
Benzaldehyde	1	100.5552	0	100	101	10	103
Aniline	1	90.7527	0	100	91	10	149
Pentachloroethane	1	78.304	0	100	78	10	155
bis(2-Chloroethyl)ether	1	87.3262	0	100	87	42	118
Phenol	1	39.8753	0	100	40	19	121
2-Chlorophenol	1	87.6777	0	100	88	50	123
N-Decane	1	63.4442	0	100	63	25	129
1,3-Dichlorobenzene	1	67.9677	0	100	68	13	126
1,4-Dichlorobenzene	1	73.9081	0	100	74	13	133
1,2-Dichlorobenzene	1	76.5242	0	100	77	16	129
Benzyl alcohol	1	96.3821	0	100	96	33	150
bis(2-chloroisopropyl)ether	1	85.6672	0	100	86	28	119
2-Methylphenol	1	88.4182	0	100	88	50	128
Acetophenone	1	124.5783	0	100	125	47	132
Hexachloroethane	1	73.5625	0	100	74	19	132
N-Nitroso-di-n-propylamine	1	99.1158	0	100	99	46	127
3&4-Methylphenol	1	81.7529	0	100	82	53	129
Nitrobenzene	1	101.9378	0	100	102	45	134
Isophorone	1	85.9156	0	100	86	48	121
2-Nitrophenol	1	102.8865	0	100	103	55	143
2,4-Dimethylphenol	1	100.9377	0	100	101	46	134
Benzoic Acid	1	35.8304	0	100	36	14	216
bis(2-Chloroethoxy)methane	1	97.6583	0	100	98	47	131
2,4-Dichlorophenol	1	107.835	0	100	108	59	134
1,2,4-Trichlorobenzene	1	90.3074	0	100	90	32	135
Naphthalene	1	95.0163	0	100	95	12	146
4-Chloroaniline	1	113.0766	0	100	113	10	161
Hexachlorobutadiene	1	86.8063	0	100	87	24	136
Caprolactam	1	52.9463	0	100	53	10	155
4-Chloro-3-methylphenol	1	108.7084	0	100	109	62	142
2-Methylnaphthalene	1	116.1366	0	100	116	34	156
1-Methylnaphthalene	1	116.4503	0	100	116	44	149
1,1'-Biphenyl	1	104.9288	0	100	105	51	137
1,2,4,5-Tetrachlorobenzene	1	103.7727	0	100	104	52	131
Hexachlorocyclopentadiene	1	98.357	0	100	98	24	137
2,4,6-Trichlorophenol	1	101.0593	0	100	101	66	142
2,4,5-Trichlorophenol	1	102.5753	0	100	103	65	143
2-Chloronaphthalene	1	98.5518	0	100	99	51	129
1,4-Dimethylnaphthalene	1	106.1468	0	100	106	50	137
Diphenyl Ether	1	114.2657	0	100	114	55	134
2-Nitroaniline	1	122.8116	0	100	123	45	165
Acenaphthylene	1	95.1054	0	100	95	46	130
Dimethylphthalate	1	99.8705	0	100	100	10	177
2,6-Dinitrotoluene	1	111.7168	0	100	112	55	135
Acenaphthene	1	98.2242	0	100	98	48	136
3-Nitroaniline	1	119.8439	0	100	120	24	169
2,4-Dinitrophenol	1	108.6297	0	100	109	42	160
Dibenzofuran	1	108.1122	0	100	108	50	147
2,4-Dinitrotoluene	1	108.6709	0	100	109	55	136
4-Nitrophenol	1	53.4058	0	100	53	27	141
2,3,4,6-Tetrachlorophenol	1	103.3035	0	100	103	59	141
Fluorene	1	100.6719	0	100	101	53	132
4-Chlorophenyl-phenylether	1	100.1445	0	100	100	58	133
Diethylphthalate	1	104.4564	0	100	104	25	152
4-Nitroaniline	1	117.3367	0	100	117	33	166
Atrazine	1	117.6729	0	100	118	21	152
4,6-Dinitro-2-methylphenol	1	116.9456	0	100	117	58	158
n-Nitrosodiphenylamine	1	89.6153	0	100	90	44	122

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	1	107.2565	0	100	107	53	140
4-Bromophenyl-phenylether	**1**	**105.13**	**0**	**100**	**105**	**60**	**139**
Hexachlorobenzene	**1**	**103.7861**	**0**	**100**	**104**	**58**	**132**
N-Octadecane	1	136.9874	0	100	137	53	157
Pentachlorophenol	**1**	**107.3878**	**0**	**100**	**107**	**64**	**176**
Phenanthrene	**1**	**104.9499**	**0**	**100**	**105**	**56**	**136**
Anthracene	**1**	**105.6049**	**0**	**100**	**106**	**59**	**131**
Carbazole	**1**	**122.3052**	**0**	**100**	**122**	**53**	**159**
Di-n-butylphthalate	**1**	**119.1312**	**0**	**100**	**119**	**60**	**140**
Fluoranthene	**1**	**106.6532**	**0**	**100**	**107**	**61**	**139**
Pyrene	**1**	**111.0503**	**0**	**100**	**111**	**58**	**133**
Benzidine	1	20.5039	0	100	21	10	96
Butylbenzylphthalate	**1**	**113.1296**	**0**	**100**	**113**	**61**	**145**
3,3'-Dichlorobenzidine	**1**	**117.6618**	**0**	**100**	**118**	**10**	**145**
Benzo[a]anthracene	**1**	**109.6215**	**0**	**100**	**110**	**56**	**122**
Chrysene	**1**	**104.5653**	**0**	**100**	**105**	**58**	**136**
bis(2-Ethylhexyl)phthalate	**1**	**116.7489**	**0**	**100**	**117**	**59**	**145**
Di-n-octylphthalate	**1**	**119.7218**	**0**	**100**	**120**	**57**	**147**
Benzo[b]fluoranthene	**1**	**106.1253**	**0**	**100**	**106**	**58**	**146**
Benzo[k]fluoranthene	**1**	**101.9668**	**0**	**100**	**102**	**57**	**140**
Benzo[a]pyrene	**1**	**101.5986**	**0**	**100**	**102**	**55**	**135**
Indeno[1,2,3-cd]pyrene	**1**	**106.1346**	**0**	**100**	**106**	**59**	**147**
Dibenzo[a,h]anthracene	**1**	**105.7476**	**0**	**100**	**106**	**58**	**142**
Benzo[g,h,i]perylene	**1**	**99.7413**	**0**	**100**	**100**	**57**	**138**

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Quantitation Report (QT Reviewed)

SampleID : WMB128203(MS) Operator : AH/JB/KT Qt Meth : 14M_0929.M
Data File: 14M003310.D Sam Mult : 1 Vial# : 22 Qt On : 12/02/25 09:01
Acq On : 12/01/25 15:21 Misc : A,BNA Qt Upd On: 09/29/25 14:11

Data Path : G:\GcMsData\2025\GCMS_14\Data\12-01-25\
Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.177	96	67805	40.00	ng	-0.01
21) 1,4-Dichlorobenzene-d4	4.541	152	71441	40.00	ng	0.00
31) Naphthalene-d8	5.521	136	262178	40.00	ng	-0.01
50) Acenaphthene-d10	6.958	164	161876	40.00	ng	-0.01
76) Phenanthrene-d10	8.432	188	293141	40.00	ng	-0.02
90) Chrysene-d12	11.552	240	273215	40.00	ng	-0.01
102) Perylene-d12	13.819	264	270119	40.00	ng	-0.04
System Monitoring Compounds						
11) 2-Fluorophenol	3.456	112	129671	60.68	ng	-0.01
Spiked Amount 100.000			Recovery = 60.68%			
16) Phenol-d5	4.220	99	131148	45.00	ng	0.00
Spiked Amount 100.000			Recovery = 45.00%			
32) Nitrobenzene-d5	4.975	128	53035	53.58	ng	0.00
Spiked Amount 50.000			Recovery = 107.16%			
55) 2-Fluorobiphenyl	6.367	172	253762	51.88	ng	0.00
Spiked Amount 50.000			Recovery = 103.76%			
79) 2,4,6-Tribromophenol	7.706	330	92633	114.61	ng	-0.01
Spiked Amount 100.000			Recovery = 114.61%			
93) Terphenyl-d14	10.258	244	297316	55.13	ng	-0.01
Spiked Amount 50.000			Recovery = 110.26%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.199	88	97084	62.0082	ng	81
9) Pyridine	2.461	79	226758	52.0400	ng	83
10) N-Nitrosodimethylamine	2.416	74	164285	65.8326	ng	82
12) Benzaldehyde	4.190	77	210192	100.5552	ng	90
13) Aniline	4.272	93	334895m	90.7527	ng	
14) Pentachloroethane	4.317	117	67165	78.3040	ng	82
15) bis(2-Chloroethyl)ether	4.317	93	217273m	87.3262	ng	
17) Phenol	4.227	94	126375	39.8753	ng	94
18) 2-Chlorophenol	4.369	128	191578	87.6777	ng	89
19) N-Decane	4.392	57	184016	63.4442	ng	99
20) 1,3-Dichlorobenzene	4.496	146	171373	67.9677	ng	98
22) 1,4-Dichlorobenzene	4.549	146	179840	73.9081	ng	98
23) 1,2-Dichlorobenzene	4.669	146	176141	76.5242	ng	98
24) Benzyl alcohol	4.639	108	141572	96.3821	ng	82
25) bis(2-chloroisopropyl)...	4.743	45	269336	85.6672	ng	89
26) 2-Methylphenol	4.713	108	177435	88.4182	ng	98
27) Acetophenone	4.848	105	413894	124.5783	ng	72
28) Hexachloroethane	4.938	117	78138	73.5625	ng	87
29) N-Nitroso-di-n-propyla...	4.848	70	171041	99.1158	ng	73
30) 3&4-Methylphenol	4.833	108	173291	81.7529	ng	82
33) Nitrobenzene	4.990	77	252512	101.9378	ng	85
34) Isophorone	5.170	82	389783	85.9156	ng	92
35) 2-Nitrophenol	5.230	139	112913	102.8865	ng	87
36) 2,4-Dimethylphenol	5.245	107	223719	100.9377	ng	97
37) Benzoic Acid	5.290	105	56290	35.8304	ng	46
38) bis(2-Chloroethoxy)met...	5.327	93	278080	97.6583	ng	97
39) 2,4-Dichlorophenol	5.409	162	181380	107.8350	ng	89
40) 1,2,4-Trichlorobenzene	5.477	180	182924	90.3074	ng	98
41) Naphthalene	5.544	128	605473	95.0163	ng	99
42) 4-Chloroaniline	5.574	127	271320m	113.0766	ng	
43) Hexachlorobutadiene	5.626	225	112588	86.8063	ng	95
44) Caprolactam	5.843	113	35205	52.9463	ng	67
45) 4-Chloro-3-methylphenol	5.933	107	202123	108.7084	ng	93
46) 2-Methylnaphthalene	6.075	142	447673	116.1366	ng	98
47) 1-Methylnaphthalene	6.157	142	461854	116.4503	ng	90
48) Methylnaphthalenes (To...	6.075	142	909501m	232.7828	ng	
49) 1,1'-Biphenyl	6.449	154	543630	104.9288	ng	96
51) 1,2,4,5-Tetrachloroben...	6.210	216	237534	103.7727	ng	98
52) Hexachlorocyclopentadiene	6.195	237	150624	98.3570	ng	99
53) 2,4,6-Trichlorophenol	6.292	196	141006m	101.0593	ng	
54) 2,4,5-Trichlorophenol	6.322	196	147684m	102.5753	ng	
56) 2-Chloronaphthalene	6.472	162	399418	98.5518	ng	95
57) 1,4-Dimethylnaphthalene	6.756	156	339828	106.1468	ng	90
58) Dimethylnaphthalenes (...	6.756	156	339828	106.1468	ng	90
59) Diphenyl Ether	6.539	170	344194	114.2657	ng	81
60) 2-Nitroaniline	6.554	65	213961	122.8116	ng	86
61) Acenaphthylene	6.838	152	631779	95.1054	ng	99
62) Dimethylphthalate	6.696	163	463812	99.8705	ng	98
63) 2,6-Dinitrotoluene	6.756	165	114994	111.7168	ng	80
64) Acenaphthene	6.988	153	411979	98.2242	ng	96
65) 3-Nitroaniline	6.913	138	131439	119.8439	ng	85

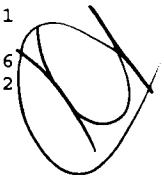
Quantitation Report (QT Reviewed)

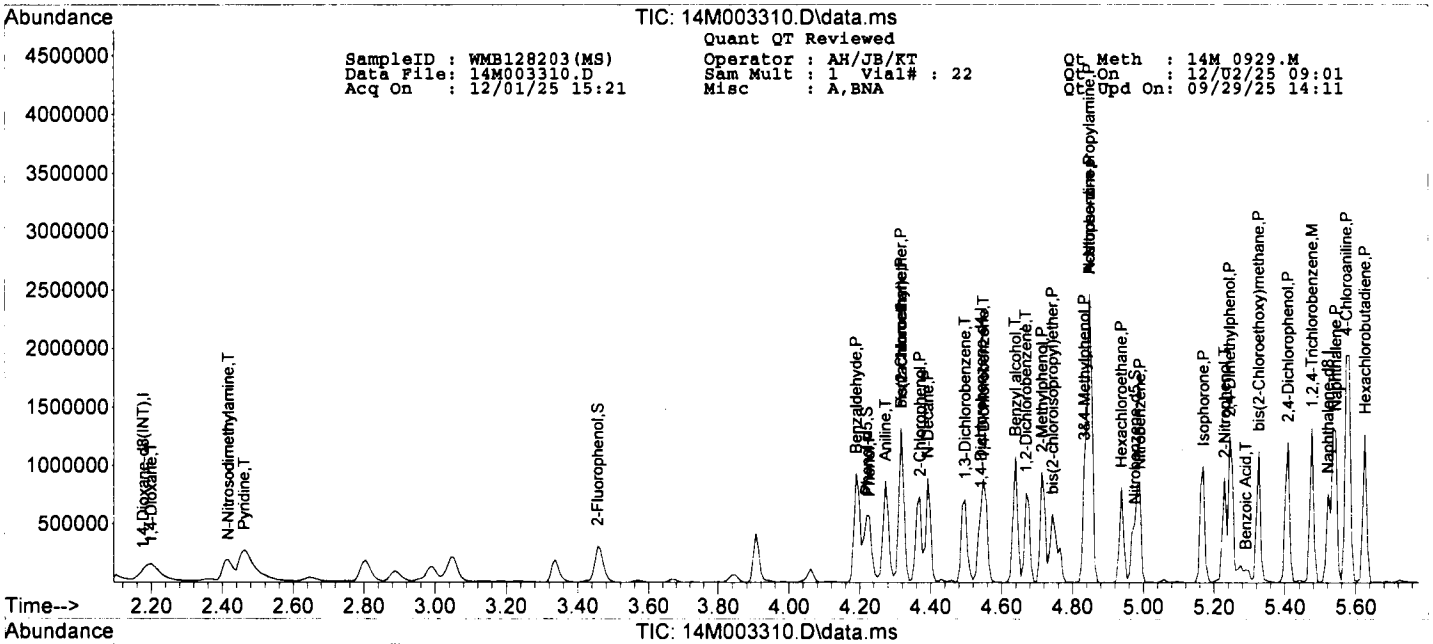
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Data File: 14M003310.D Sam Mult : 1 Vial# : 22 Qt On : 12/02/25 09:01
Acq On : 12/01/25 15:21 Misc : A,BNA Qt Upd On: 09/29/25 14:11

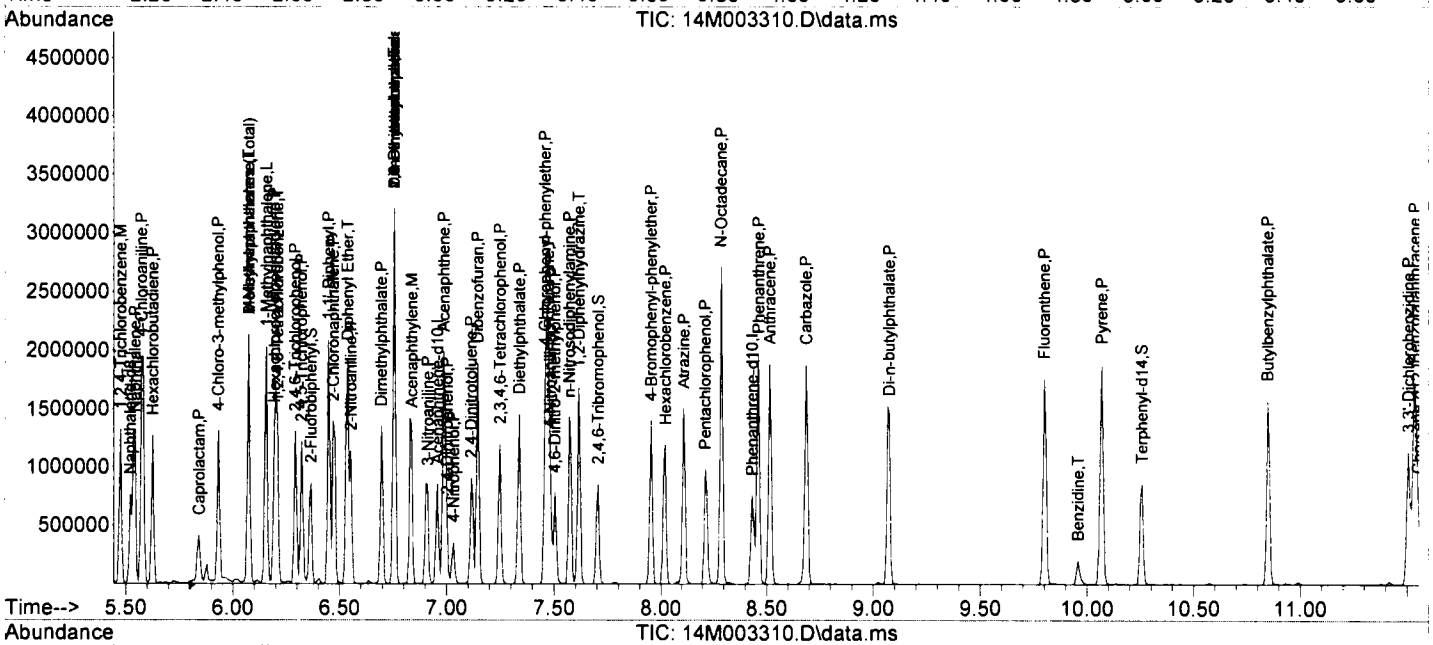
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Qt Path : G:\GcMsData\2025\GCMS_14\MethodQt\
Qt Resp Via : Initial Calibration

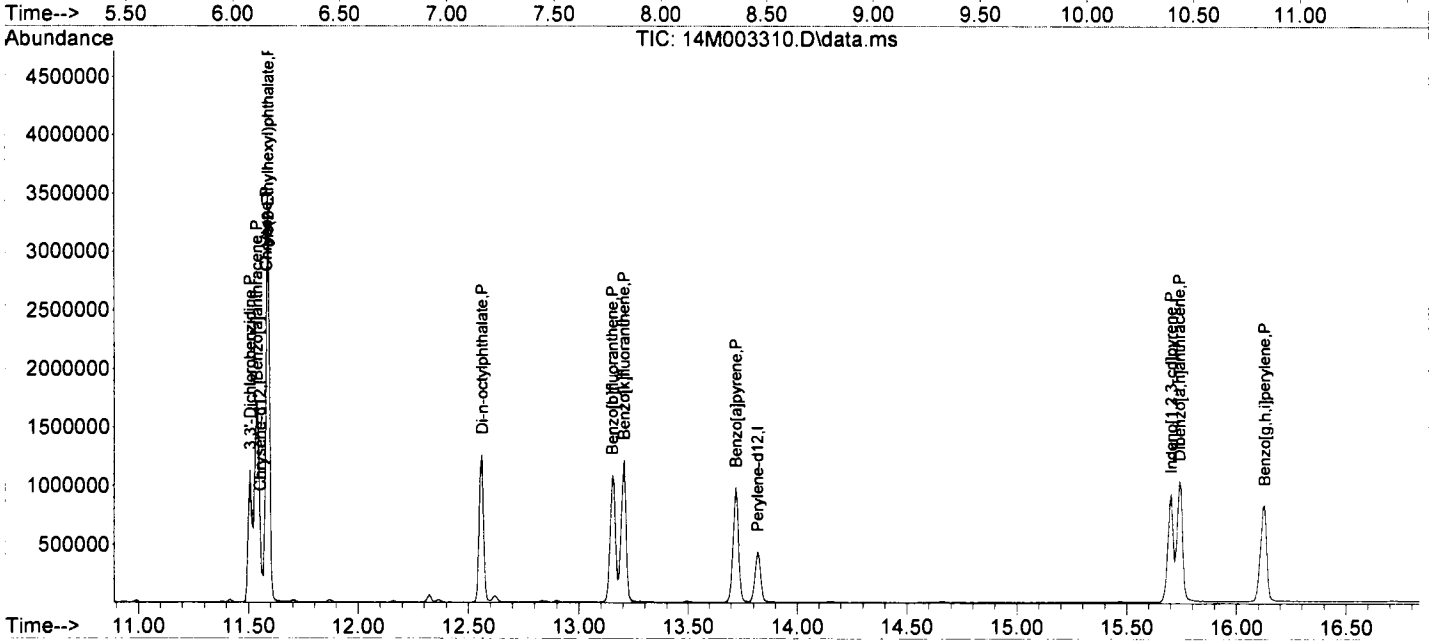
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.003	184	72970	108.6297	ng	46
67)	Dibenzofuran	7.145	168	650984	108.1122	ng	88
68)	2,4-Dinitrotoluene	7.115	165	151760	108.6709	ng	83
69)	4-Nitrophenol	7.033	65	59025	53.4058	ng	92
70)	2,3,4,6-Tetrachlorophenol	7.250	232	130854	103.3035	ng	83
71)	Fluorene	7.474	166	486154	100.6719	ng	99
72)	4-Chlorophenyl-phenyle...	7.459	204	241607	100.1445	ng	83
73)	Diethylphthalate	7.340	149	480370	104.4564	ng	94
74)	4-Nitroaniline	7.482	138	138820	117.3367	ng	93
75)	Atrazine	8.110	200	168792	117.6729	ng	94
77)	4,6-Dinitro-2-methylph...	7.504	198	96577	116.9456	ng	52
78)	n-Nitrosodiphenylamine	7.572	169	351326	89.6153	ng	99
80)	1,2-Diphenylhydrazine	7.616	77	644635	107.2565	ng	90
81)	4-Bromophenyl-phenylether	7.953	248	147034	105.1300	ng	82
82)	Hexachlorobenzene	8.021	284	165214	103.7861	ng	60
83)	N-Octadecane	8.290	57	459284	136.9874	ng	88
84)	Pentachlorophenol	8.215	266	107103	107.3878	ng	99
85)	Phenanthrene	8.462	178	719773	104.9499	ng	100
86)	Anthracene	8.514	178	722756	105.6049	ng	100
87)	Carbazole	8.686	167	769469	122.3052	ng	97
88)	Di-n-butylphthalate	9.075	149	858458	119.1312	ng	98
89)	Fluoranthene	9.801	202	774934	106.6532	ng	92
91)	Pyrene	10.071	202	824572	111.0503	ng	87
92)	Benzidine	9.958	184	71500	20.5039	ng	85
96)	Butylbenzylphthalate	10.849	149	338028	113.1296	ng	87
98)	3,3'-Dichlorobenzidine	11.507	252	260898	117.6618	ng	95
99)	Benzo[a]anthracene	11.537	228	801889	109.6215	ng	99
100)	Chrysene	11.582	228	764743	104.5653	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.589	149	532762	116.7489	ng	92
103)	Di-n-octylphthalate	12.562	149	818494	119.7218	ng	99
104)	Benzo[b]fluoranthene	13.153	252	723374	106.1253	ng	93
105)	Benzo[k]fluoranthene	13.206	252	743899	101.9668	ng	91
106)	Benzo[a]pyrene	13.722	252	660320	101.5986	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.705	276	626888m	106.1346	ng	
108)	Dibenzo[a,h]anthracene	15.742	278	683539	105.7476	ng	86
109)	Benzo[g,h,i]perylene	16.131	276	645228	99.7413	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 14M003310.D\data.ms
Quant QT Reviewed
SampleID : WMB128203(MS)
Data File: 14M003310.D
Acq On : 12/01/25 15:21
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 22
Misc : A,BNA
Qt Meth : 14M_0929.M
Qt On : 12/02/25 09:01
Qt Upd On: 09/29/25 14:11
1,4-Dioxane,I
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Aniline,T
2-Chlorophenol,P
1,3-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
2-Methylphenol,P
bis(2-chloroisopropyl)ether,P
3&4-Methylphenol,P
Hexachloroethane,P
Isophorone,P
2-Nitrophenol,P
2,4-Dimethylphenol,P
Benzoic Acid,T
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Time-->


Abundance
TIC: 14M003310.D\data.ms
Caprolactam,P
4-Chloro-3-methylphenol,P
Dimethylphthalate,P
Acenaphthylene,M
Acenaphthene,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
Terphenyl-d14,S
Butylbenzylphthalate,P
Time-->


Abundance
TIC: 14M003310.D\data.ms
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P
Time-->

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147437.D	AD56733-008(MS:AD56733-007	12/2/2025 9:03:00 AM
Non Spike(If applicable):	7M147436.D	AD56733-007	12/2/2025 8:41:00 AM
Inst Blank(If applicable):			

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	49.0828	0	100	49	16	112
Pyridine	1	56.9171	0	100	57	10	131
N-Nitrosodimethylamine	1	66.0846	0	100	66	24	118
Benzaldehyde	1	81.9938	0	100	82	10	103
Aniline	1	73.3984	0	100	73	10	149
Pentachloroethane	1	81.5845	0	100	82	10	155
bis(2-Chloroethyl)ether	1	86.8152	0	100	87	42	118
Phenol	1	43.6599	0	100	44	19	121
2-Chlorophenol	1	84.0402	0	100	84	50	123
N-Decane	1	67.8394	0	100	68	25	129
1,3-Dichlorobenzene	1	84.1547	0	100	84	13	126
1,4-Dichlorobenzene	1	98.3684	0	100	98	13	133
1,2-Dichlorobenzene	1	99.921	0	100	100	16	129
Benzyl alcohol	1	90.4113	0	100	90	33	150
bis(2-chloroisopropyl)ether	1	102.1329	0	100	102	28	119
2-Methylphenol	1	89.1133	0	100	89	50	128
Acetophenone	1	114.9367	0	100	115	47	132
Hexachloroethane	1	134.6615	0	100	135*	19	132
N-Nitroso-di-n-propylamine	1	105.355	0	100	105	46	127
3&4-Methylphenol	1	79.3456	0	100	79	53	129
Nitrobenzene	1	113.5769	0	100	114	45	134
Isophorone	1	102.2032	0	100	102	48	121
2-Nitrophenol	1	120.9411	0	100	121	55	143
2,4-Dimethylphenol	1	112.6086	0	100	113	46	134
Benzoic Acid	1	57.8351	0	100	58	14	216
bis(2-Chloroethoxy)methane	1	110.6933	0	100	111	47	131
2,4-Dichlorophenol	1	109.3538	0	100	109	59	134
1,2,4-Trichlorobenzene	1	106.5099	0	100	107	32	135
Naphthalene	1	111.3337	4.8669	100	106	12	146
4-Chloroaniline	1	92.8173	0	100	93	10	161
Hexachlorobutadiene	1	104.5288	0	100	105	24	136
Caprolactam	1	55.7897	0	100	56	10	155
4-Chloro-3-methylphenol	1	106.7712	0	100	107	62	142
2-Methylnaphthalene	1	114.1916	4.8531	100	109	34	156
1-Methylnaphthalene	1	137.5207	0	100	138	44	149
1,1'-Biphenyl	1	107.616	0	100	108	51	137
1,2,4,5-Tetrachlorobenzene	1	110.2271	0	100	110	52	131
Hexachlorocyclopentadiene	1	117.6031	0	100	118	24	137
2,4,6-Trichlorophenol	1	112.0894	0	100	112	66	142
2,4,5-Trichlorophenol	1	108.8111	0	100	109	65	143
2-Chloronaphthalene	1	108.0982	0	100	108	51	129
1,4-Dimethylnaphthalene	1	142.562	0	100	143*	50	137
Diphenyl Ether	1	111.0159	0	100	111	55	134
2-Nitroaniline	1	106.6908	0	100	107	45	165
Acenaphthylene	1	101.252	0	100	101	46	130
Dimethylphthalate	1	100.6627	0	100	101	10	177
2,6-Dinitrotoluene	1	109.9342	0	100	110	55	135
Acenaphthene	1	110.6848	8.6588	100	102	48	136
3-Nitroaniline	1	94.8645	0	100	95	24	169
2,4-Dinitrophenol	1	131.9771	0	100	132	42	160
Dibenzofuran	1	106.7872	5.5447	100	101	50	147
2,4-Dinitrotoluene	1	111.8897	0	100	112	55	136
4-Nitrophenol	1	42.5068	0	100	43	27	141
2,3,4,6-Tetrachlorophenol	1	114.6432	0	100	115	59	141
Fluorene	1	110.6755	9.8586	100	101	53	132
4-Chlorophenyl-phenylether	1	105.3768	0	100	105	58	133
Diethylphthalate	1	106.9898	0	100	107	25	152
4-Nitroaniline	1	95.2804	0	100	95	33	166
Atrazine	1	90.8428	0	100	91	21	152
4,6-Dinitro-2-methylphenol	1	144.8919	0	100	145	58	158
n-Nitrosodiphenylamine	1	118.9352	0	100	119*	44	112

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	1	118.8537	0	100	119	53	140
4-Bromophenyl-phenylether	**1**	**115.138**	**0**	**100**	**115**	**60**	**139**
Hexachlorobenzene	**1**	**120.1811**	**0**	**100**	**120**	**58**	**132**
N-Octadecane	1	168.8102	0	100	169*	53	157
Pentachlorophenol	**1**	**135.6904**	**0**	**100**	**136**	**64**	**176**
Phenanthrene	**1**	**124.8363**	**8.6347**	**100**	**116**	**56**	**136**
Anthracene	**1**	**121.7999**	**0**	**100**	**122**	**59**	**131**
Carbazole	**1**	**130.0247**	**0**	**100**	**130**	**53**	**149**
Di-n-butylphthalate	**1**	**127.6068**	**0**	**100**	**128**	**60**	**140**
Fluoranthene	**1**	**112.5895**	**0**	**100**	**113**	**61**	**139**
Pyrene	**1**	**110.4609**	**0**	**100**	**110**	**58**	**133**
Benzidine	1	0	0	100	0*	10	96
Butylbenzylphthalate	**1**	**124.0722**	**0**	**100**	**124**	**61**	**145**
3,3'-Dichlorobenzidine	**1**	**38.0817**	**0**	**100**	**38**	**10**	**145**
Benzo[a]anthracene	**1**	**118.9065**	**0**	**100**	**119**	**56**	**122**
Chrysene	**1**	**120.0376**	**0**	**100**	**120**	**58**	**136**
bis(2-Ethylhexyl)phthalate	**1**	**131.7658**	**0**	**100**	**132**	**59**	**145**
Di-n-octylphthalate	**1**	**123.4185**	**0**	**100**	**123**	**57**	**147**
Benzo[b]fluoranthene	**1**	**119.0103**	**0**	**100**	**119**	**58**	**146**
Benzo[k]fluoranthene	**1**	**106.4482**	**0**	**100**	**106**	**57**	**140**
Benzo[a]pyrene	**1**	**108.2122**	**0**	**100**	**108**	**55**	**135**
Indeno[1,2,3-cd]pyrene	**1**	**114.798**	**0**	**100**	**115**	**59**	**147**
Dibenzo[a,h]anthracene	**1**	**118.0161**	**0**	**100**	**118**	**58**	**142**
Benzo[g,h,i]perylene	**1**	**118.8528**	**0**	**100**	**119**	**57**	**138**

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147438.D	AD56733-009(MSD:AD56733-0	12/2/2025 9:25:00 AM
Non Spike(If applicable):	7M147436.D	AD56733-007	12/2/2025 8:41:00 AM
Inst Blank(If applicable):			

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	33.2626	0	100	33	16	112
Pyridine	1	28.4843	0	100	28	10	131
N-Nitrosodimethylamine	1	43.2794	0	100	43	24	118
Benzaldehyde	1	82.1563	0	100	82	10	103
Aniline	1	41.7365	0	100	42	10	149
Pentachloroethane	1	73.5237	0	100	74	10	155
bis(2-Chloroethyl)ether	1	77.2417	0	100	77	42	118
Phenol	1	24.6911	0	100	25	19	121
2-Chlorophenol	1	48.3317	0	100	48*	50	123
N-Decane	1	62.6492	0	100	63	25	129
1,3-Dichlorobenzene	1	77.2514	0	100	77	13	126
1,4-Dichlorobenzene	1	89.8392	0	100	90	13	133
1,2-Dichlorobenzene	1	91.3357	0	100	91	16	129
Benzyl alcohol	1	60.2171	0	100	60	33	150
bis(2-chloroisopropyl)ether	1	93.0298	0	100	93	28	119
2-Methylphenol	1	55.4607	0	100	55	50	128
Acetophenone	1	107.312	0	100	107	47	132
Hexachloroethane	1	123.8503	0	100	124	19	132
N-Nitroso-di-n-propylamine	1	96.094	0	100	96	46	127
3&4-Methylphenol	1	48.3972	0	100	48*	53	129
Nitrobenzene	1	101.1458	0	100	101	45	134
Isophorone	1	91.8709	0	100	92	48	121
2-Nitrophenol	1	79.8291	0	100	80	55	143
2,4-Dimethylphenol	1	84.072	0	100	84	46	134
Benzoic Acid	1	21.2784	0	100	21	14	216
bis(2-Chloroethoxy)methane	1	99.8035	0	100	100	47	131
2,4-Dichlorophenol	1	70.9235	0	100	71	59	134
1,2,4-Trichlorobenzene	1	97.1012	0	100	97	32	135
Naphthalene	1	102.6123	4.8669	100	98	12	146
4-Chloroaniline	1	44.5131	0	100	45	10	161
Hexachlorobutadiene	1	95.0699	0	100	95	24	136
Caprolactam	1	48.3748	0	100	48	10	155
4-Chloro-3-methylphenol	1	75.3545	0	100	75	62	142
2-Methylnaphthalene	1	107.8933	4.8531	100	103	34	156
1-Methylnaphthalene	1	130.5723	0	100	131	44	149
1,1'-Biphenyl	1	101.7219	0	100	102	51	137
1,2,4,5-Tetrachlorobenzene	1	106.4726	0	100	106	52	131
Hexachlorocyclopentadiene	1	103.7058	0	100	104	24	137
2,4,6-Trichlorophenol	1	73.4569	0	100	73	65	142
2,4,5-Trichlorophenol	1	72.2907	0	100	72	65	143
2-Chloronaphthalene	1	102.6829	0	100	103	51	129
1,4-Dimethylnaphthalene	1	137.3804	0	100	137	50	137
Diphenyl Ether	1	105.9496	0	100	106	55	134
2-Nitroaniline	1	97.6295	0	100	98	45	165
Acenaphthylene	1	96.8202	0	100	97	46	130
Dimethylphthalate	1	93.5744	0	100	94	10	177
2,6-Dinitrotoluene	1	103.2534	0	100	103	55	135
Acenaphthene	1	107.4697	8.6588	100	99	48	136
3-Nitroaniline	1	56.2194	0	100	56	24	169
2,4-Dinitrophenol	1	14.5878	0	100	15*	42	160
Dibenzofuran	1	104.6363	5.5447	100	99	50	147
2,4-Dinitrotoluene	1	109.9284	0	100	110	55	136
4-Nitrophenol	1	19.8134	0	100	20*	27	141
2,3,4,6-Tetrachlorophenol	1	73.4159	0	100	73	59	141
Fluorene	1	106.5547	9.8586	100	97	53	132
4-Chlorophenyl-phenylether	1	102.261	0	100	102	58	133
Diethylphthalate	1	103.7859	0	100	104	25	152
4-Nitroaniline	1	70.631	0	100	71	33	166
Atrazine	1	73.657	0	100	74	21	152
4,6-Dinitro-2-methylphenol	1	64.7592	0	100	65	58	158
n-Nitrosodiphenylamine	1	108.4173	0	100	108	44	112

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,2-Diphenylhydrazine	1	112.5035	0	100	113	53	140
4-Bromophenyl-phenylether	1	108.6499	0	100	109	60	139
Hexachlorobenzene	1	114.8149	0	100	115	58	132
N-Octadecane	1	167.6419	0	100	168*	53	157
Pentachlorophenol	1	76.1652	0	100	76	64	176
Phenanthrene	1	118.1914	8.6347	100	110	56	136
Anthracene	1	116.8373	0	100	117	59	131
Carbazole	1	130.175	0	100	130	58	136
Di-n-butylphthalate	1	121.9447	0	100	122	60	140
Fluoranthene	1	111.5529	0	100	112	61	139
Pyrene	1	106.8366	0	100	107	58	133
Benzidine	1	0	0	100	0*	10	96
Butylbenzylphthalate	1	118.5838	0	100	119	61	145
3,3'-Dichlorobenzidine	1	39.1658	0	100	39	10	145
Benzo[a]anthracene	1	110.8398	0	100	111	56	122
Chrysene	1	112.0466	0	100	112	58	136
bis(2-Ethylhexyl)phthalate	1	124.5019	0	100	125	59	145
Di-n-octylphthalate	1	118.4623	0	100	118	57	147
Benzo[b]fluoranthene	1	111.0578	0	100	111	58	146
Benzo[k]fluoranthene	1	103.2808	0	100	103	57	140
Benzo[a]pyrene	1	101.7462	0	100	102	55	135
Indeno[1,2,3-cd]pyrene	1	105.1973	0	100	105	59	147
Dibenzo[a,h]anthracene	1	111.6122	0	100	112	58	142
Benzo[g,h,i]perylene	1	111.71	0	100	112	57	138

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147438.D	AD56733-009(MSD:AD56733-0	12/2/2025 9:25:00 AM
Duplicate(If applicable):	7M147437.D	AD56733-008(MS:AD56733-007	12/2/2025 9:03:00 AM
Inst Blank(If applicable):			

Method: 8270E Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
1,4-Dioxane	1	33.2626	49.0828	38	58
Pyridine	1	28.4843	56.9171	67	143
N-Nitrosodimethylamine	1	43.2794	66.0846	42*	40
Benzaldehyde	1	82.1563	81.9938	0.2	92
Aniline	1	41.7365	73.3984	55	138
Pentachloroethane	1	73.5237	81.5845	10	79
bis(2-Chloroethyl)ether	1	77.2417	86.8152	12	42
Phenol	1	24.6911	43.6599	56	86
2-Chlorophenol	1	48.3317	84.0402	54*	47
N-Decane	1	62.6492	67.8394	8	59
1,3-Dichlorobenzene	1	77.2514	84.1547	8.6	90
1,4-Dichlorobenzene	1	89.8392	98.3684	9.1	88
1,2-Dichlorobenzene	1	91.3357	99.921	9	74
Benzyl alcohol	1	60.2171	90.4113	40*	35
bis(2-chloroisopropyl)ether	1	93.0298	102.1329	9.3	48
2-Methylphenol	1	55.4607	89.1133	47*	34
Acetophenone	1	107.312	114.9367	6.9	30
Hexachloroethane	1	123.8503	134.6615	8.4	88
N-Nitroso-di-n-propylamine	1	96.094	105.355	9.2	56
3&4-Methylphenol	1	48.3972	79.3456	48*	28
Nitrobenzene	1	101.1458	113.5769	12	38
Isophorone	1	91.8709	102.2032	11	35
2-Nitrophenol	1	79.8291	120.9411	41	41
2,4-Dimethylphenol	1	84.072	112.6086	29	33
Benzoic Acid	1	21.2784	57.8351	92*	82
bis(2-Chloroethoxy)methane	1	99.8035	110.6933	10	44
2,4-Dichlorophenol	1	70.9235	109.3538	43*	37
1,2,4-Trichlorobenzene	1	97.1012	106.5099	9.2	50
Naphthalene	1	102.6123	111.3337	8.2	47
4-Chloroaniline	1	44.5131	92.8173	70	85
Hexachlorobutadiene	1	95.0699	104.5288	9.5	58
Caprolactam	1	48.3748	55.7897	14	33
4-Chloro-3-methylphenol	1	75.3545	106.7712	35*	28
2-Methylnaphthalene	1	107.8933	114.1916	5.7	38
1-Methylnaphthalene	1	130.5723	137.5207	5.2	32
1,1'-Biphenyl	1	101.7219	107.616	5.6	31
1,2,4,5-Tetrachlorobenzene	1	106.4726	110.2271	3.5	32
Hexachlorocyclopentadiene	1	103.7058	117.6031	13	48
2,4,6-Trichlorophenol	1	73.4569	112.0894	42	62
2,4,5-Trichlorophenol	1	72.2907	108.8111	40*	35
2-Chloronaphthalene	1	102.6829	108.0982	5.1	35
1,4-Dimethylnaphthalene	1	137.3804	142.562	3.7	31
Diphenyl Ether	1	105.9496	111.0159	4.7	32
2-Nitroaniline	1	97.6295	106.6908	8.9	37
Acenaphthylene	1	96.8202	101.252	4.5	41
Dimethylphthalate	1	93.5744	100.6627	7.3	108
2,6-Dinitrotoluene	1	103.2534	109.9342	6.3	35
Acenaphthene	1	107.4697	110.6848	2.9	35
3-Nitroaniline	1	56.2194	94.8645	51	64
2,4-Dinitrophenol	1	14.5878	131.9771	160*	63
Dibenzofuran	1	104.6363	106.7872	2	36
2,4-Dinitrotoluene	1	109.9284	111.8897	1.8	35
4-Nitrophenol	1	19.8134	42.5068	73*	33
2,3,4,6-Tetrachlorophenol	1	73.4159	114.6432	44*	36
Fluorene	1	106.5547	110.6755	3.8	34
4-Chlorophenyl-phenylether	1	102.261	105.3768	3	33
Diethylphthalate	1	103.7859	106.9898	3	37
4-Nitroaniline	1	70.631	95.2804	30	35
Atrazine	1	73.657	90.8428	21	47
4,6-Dinitro-2-methylphenol	1	64.7592	144.8919	76*	46
n-Nitrosodiphenylamine	1	108.4173	118.9352	9.3	37

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits

QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
1,2-Diphenylhydrazine	1	112.5035	118.8537	5.5	36
4-Bromophenyl-phenylether	**1**	**108.6499**	**115.138**	**5.8**	**34**
Hexachlorobenzene	**1**	**114.8149**	**120.1811**	**4.6**	**34**
N-Octadecane	1	167.6419	168.8102	0.69	31
Pentachlorophenol	**1**	**76.1652**	**135.6904**	**56***	**32**
Phenanthrene	**1**	**118.1914**	**124.8363**	**5.5**	**33**
Anthracene	**1**	**116.8373**	**121.7999**	**4.2**	**34**
Carbazole	**1**	**130.175**	**130.0247**	**0.12**	**32**
Di-n-butylphthalate	**1**	**121.9447**	**127.6068**	**4.5**	**34**
Fluoranthene	**1**	**111.5529**	**112.5895**	**0.92**	**34**
Pyrene	**1**	**106.8366**	**110.4609**	**3.3**	**33**
Benzidine	1	0	0	NA	236
Butylbenzylphthalate	**1**	**118.5838**	**124.0722**	**4.5**	**34**
3,3'-Dichlorobenzidine	**1**	**39.1658**	**38.0817**	**2.8**	**126**
Benzo[a]anthracene	**1**	**110.8398**	**118.9065**	**7**	**33**
Chrysene	**1**	**112.0466**	**120.0376**	**6.9**	**32**
bis(2-Ethylhexyl)phthalate	**1**	**124.5019**	**131.7658**	**5.7**	**33**
Di-n-octylphthalate	**1**	**118.4623**	**123.4185**	**4.1**	**36**
Benzo[b]fluoranthene	**1**	**111.0578**	**119.0103**	**6.9**	**36**
Benzo[k]fluoranthene	**1**	**103.2808**	**106.4482**	**3**	**20**
Benzo[a]pyrene	**1**	**101.7462**	**108.2122**	**6.2**	**35**
Indeno[1,2,3-cd]pyrene	**1**	**105.1973**	**114.798**	**8.7**	**35**
Dibenzo[a,h]anthracene	**1**	**111.6122**	**118.0161**	**5.6**	**35**
Benzo[g,h,i]perylene	**1**	**111.71**	**118.8528**	**6.2**	**35**

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

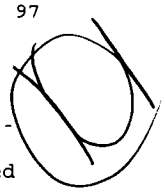
Quantitation Report (QT Reviewed)

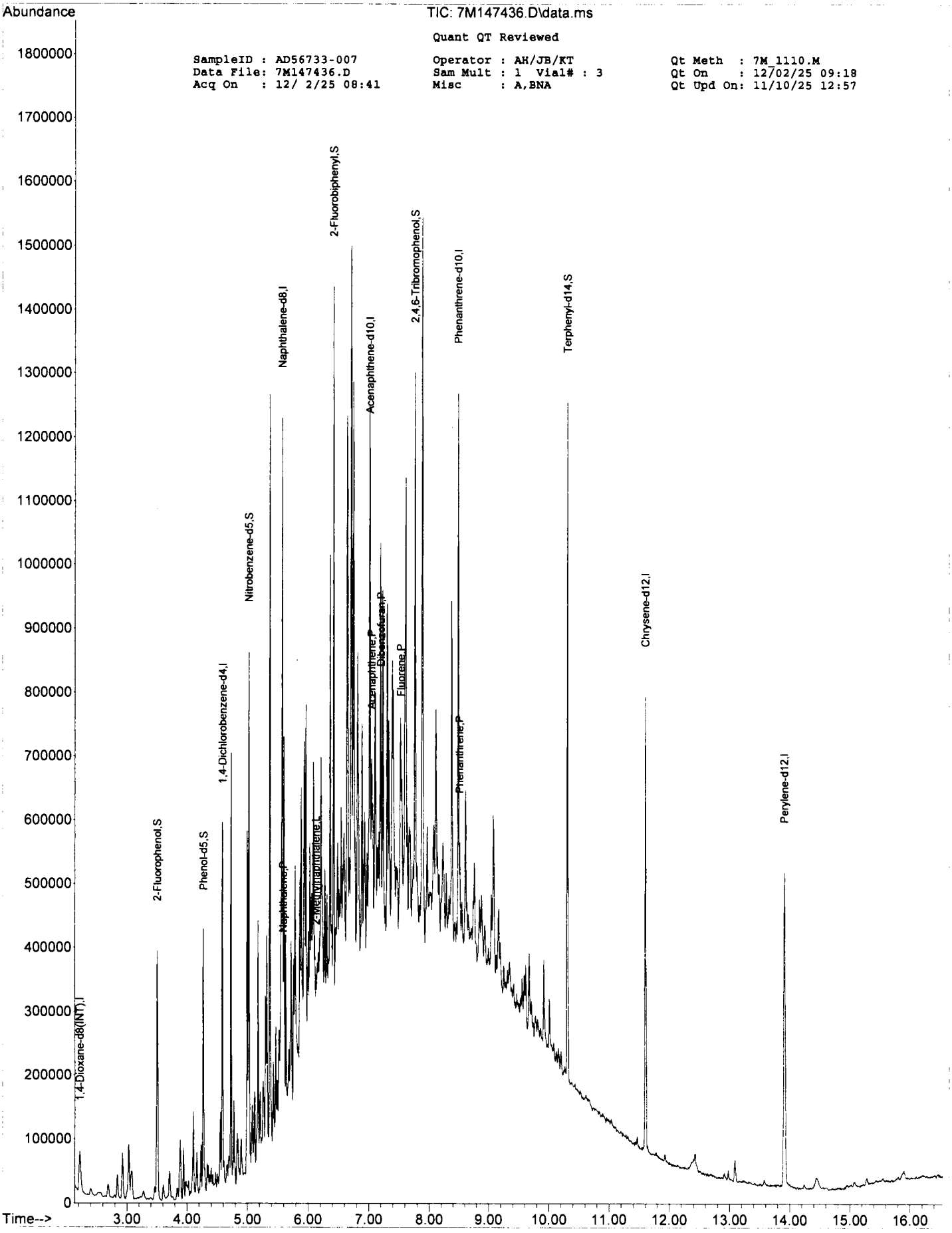
SampleID : AD56733-007 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147436.D Sam Mult : 1 Vial# : 3 Qt On : 12/02/25 09:18
Acq On : 12/ 2/25 08:41 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.219	96	54032	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.587	152	97378	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	321667	40.00	ng	0.00
50) Acenaphthene-d10	7.020	164	172298	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	313492	40.00	ng	0.00
90) Chrysene-d12	11.603	240	304420	40.00	ng	0.00
102) Perylene-d12	13.912	264	320536	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	168716	56.24	ng	0.00
Spiked Amount 100.000			Recovery = 56.24%			
16) Phenol-d5	4.270	99	149413	40.34	ng	0.00
Spiked Amount 100.000			Recovery = 40.34%			
32) Nitrobenzene-d5	5.022	128	74973	62.95	ng	0.00
Spiked Amount 50.000			Recovery = 125.90%			
55) 2-Fluorobiphenyl	6.420	172	298013	54.26	ng	0.00
Spiked Amount 50.000			Recovery = 108.52%			
79) 2,4,6-Tribromophenol	7.766	330	101847	123.51	ng	0.00
Spiked Amount 100.000			Recovery = 123.51%			
93) Terphenyl-d14	10.310	244	355272	53.20	ng	0.00
Spiked Amount 50.000			Recovery = 106.40%			
Target Compounds						Qvalue
41) Naphthalene	5.592	128	34568m	4.8669	ng	
46) 2-Methylnaphthalene	6.127	142	21949	4.8531	ng	97
64) Acenaphthene	7.049	153	36186m	8.6588	ng	
67) Dibenzofuran	7.202	168	33497m	5.5447	ng	
71) Fluorene	7.531	166	49476m	9.8586	ng	
85) Phenanthrene	8.518	178	57006m	8.6347	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 7M147436.D\data.ms
Quant QT Reviewed
SampleID : AD56733-007
Data File: 7M147436.D
Acq On : 12/ 2/25 08:41
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:18
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

Quantitation Report (QT Reviewed)

SampleID : AD56733-008(MS:AD56 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147437.D Sam Mult : 1 Vial# : 4 Qt On : 12/02/25 09:25
Acq On : 12/ 2/25 09:03 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.220	96	60408	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.582	152	101619	40.00	ng	0.00
31) Naphthalene-d8	5.575	136	352070	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	195652	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	354879	40.00	ng	0.00
90) Chrysene-d12	11.609	240	332399	40.00	ng	0.00
102) Perylene-d12	13.912	264	363787	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	179259	53.45	ng	0.00
Spiked Amount 100.000			Recovery = 53.45%			
16) Phenol-d5	4.270	99	152924	36.93	ng	0.00
Spiked Amount 100.000			Recovery = 36.93%			
32) Nitrobenzene-d5	5.022	128	78379	60.13	ng	0.00
Spiked Amount 50.000			Recovery = 120.26%			
55) 2-Fluorobiphenyl	6.421	172	340723	54.64	ng	0.00
Spiked Amount 50.000			Recovery = 109.28%			
79) 2,4,6-Tribromophenol	7.766	330	116645	124.96	ng	0.00
Spiked Amount 100.000			Recovery = 124.96%			
93) Terphenyl-d14	10.304	244	409408	56.15	ng	0.00
Spiked Amount 50.000			Recovery = 112.30%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.243	88	77024	49.0828	ng	94
9) Pyridine	2.496	79	196140	56.9171	ng	62
10) N-Nitrosodimethylamine	2.449	74	135153	66.0846	ng	65
12) Benzaldehyde	4.235	77	239816	81.9938	ng	69
13) Aniline	4.317	93	352999	73.3984	ng	59
14) Pentachloroethane	4.358	117	94207	81.5845	ng	72
15) bis(2-Chloroethyl)ether	4.364	93	270598	86.8152	ng	75
17) Phenol	4.276	94	171772	43.6599	ng	80
18) 2-Chlorophenol	4.417	128	284404	84.0402	ng	74
19) N-Decane	4.435	57	182111	67.8394	ng	97
20) 1,3-Dichlorobenzene	4.540	146	332382	84.1547	ng	98
22) 1,4-Dichlorobenzene	4.599	146	328489	98.3684	ng	97
23) 1,2-Dichlorobenzene	4.717	146	316946	99.9210	ng	97
24) Benzyl alcohol	4.687	108	166384	90.4113	ng	66
25) bis(2-chloroisopropyl)...	4.793	45	247799	102.1329	ng	99
26) 2-Methylphenol	4.770	108	225029	89.1133	ng	100
27) Acetophenone	4.899	105	478425	114.9367	ng	56
28) Hexachloroethane	4.987	117	158488	134.6615	ng	91
29) N-Nitroso-di-n-propyla...	4.893	70	186848	105.3550	ng	71
30) 3&4-Methylphenol	4.887	108	215869	79.3456	ng	84
33) Nitrobenzene	5.034	77	290918	113.5769	ng	78
34) Isophorone	5.216	82	457866	102.2032	ng	85
35) 2-Nitrophenol	5.281	139	174272	120.9411	ng	75
36) 2,4-Dimethylphenol	5.298	107	274030	112.6086	ng	89
37) Benzoic Acid	5.369	105	110242	57.8351	ng	91
38) bis(2-Chloroethoxy)met...	5.375	93	310518	110.6933	ng	97
39) 2,4-Dichlorophenol	5.463	162	264893	109.3538	ng	84
40) 1,2,4-Trichlorobenzene	5.528	180	282835	106.5099	ng	94
41) Naphthalene	5.592	128	865508	111.3337	ng	98
42) 4-Chloroaniline	5.627	127	287546m	92.8173	ng	
43) Hexachlorobutadiene	5.674	225	164869	104.5288	ng	98
44) Caprolactam	5.915	113	49362m	55.7897	ng	
45) 4-Chloro-3-methylphenol	5.992	107	226332	106.7712	ng	76
46) 2-Methylnaphthalene	6.127	142	565268	114.1916	ng	97
47) 1-Methylnaphthalene	6.209	142	686047	137.5207	ng	89
48) Methylnaphthalenes (To...	6.209	142	1252132m	251.6934	ng	
49) 1,1'-Biphenyl	6.509	154	741312	107.6160	ng	92
51) 1,2,4,5-Tetrachloroben...	6.262	216	341719	110.2271	ng	98
52) Hexachlorocyclopentadiene	6.250	237	204228	117.6031	ng	99
53) 2,4,6-Trichlorophenol	6.350	196	197318	112.0894	ng	98
54) 2,4,5-Trichlorophenol	6.385	196	199329m	108.8111	ng	
56) 2-Chloronaphthalene	6.532	162	523618	108.0982	ng	88
57) 1,4-Dimethylnaphthalene	6.814	156	552739	142.5620	ng	82
58) Dimethylnaphthalenes (...	6.814	156	552739	142.5620	ng	82
59) Diphenyl Ether	6.591	170	463865	111.0159	ng	81
60) 2-Nitroaniline	6.615	65	144204	106.6908	ng	17
61) Acenaphthylene	6.897	152	777160	101.2520	ng	99
62) Dimethylphthalate	6.756	163	568320	100.6627	ng	98
63) 2,6-Dinitrotoluene	6.814	165	135565	109.9342	ng	56
64) Acenaphthene	7.049	153	525258	110.6848	ng	96
65) 3-Nitroaniline	6.967	138	122119	94.8645	ng	69

Quantitation Report (QT Reviewed)

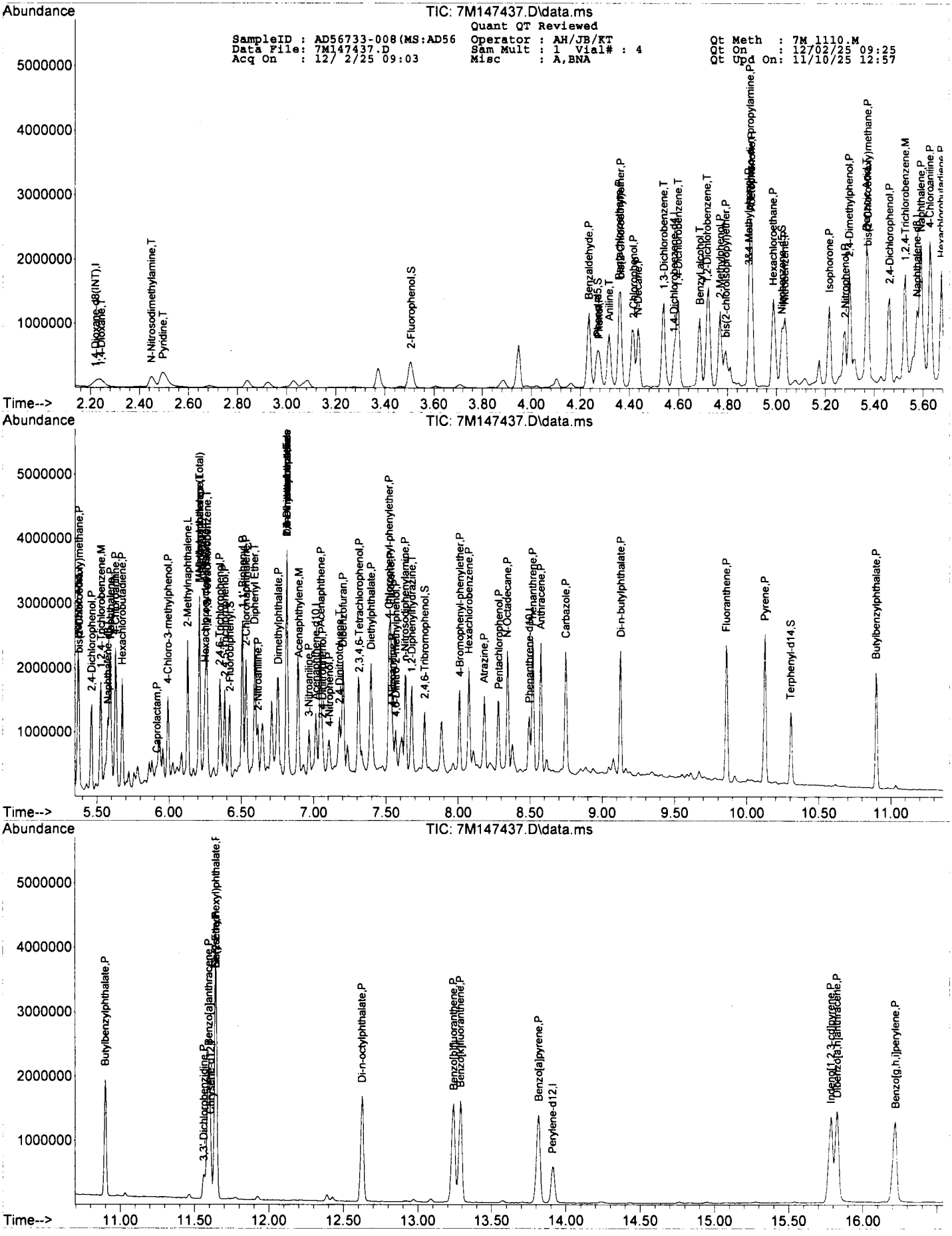
SampleID : AD56733-008(MS:AD56 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147437.D Sam Mult : 1 Vial# : 4 Qt On : 12/02/25 09:25
Acq On : 12/ 2/25 09:03 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	88592	131.9771	ng	21
67)	Dibenzofuran	7.202	168	732572	106.7872	ng	82
68)	2,4-Dinitrotoluene	7.179	165	191968	111.8897	ng	49
69)	4-Nitrophenol	7.108	65	31774	42.5068	ng	80
70)	2,3,4,6-Tetrachlorophenol	7.314	232	175980	114.6432	ng	81
71)	Fluorene	7.531	166	630715	110.6755	ng	97
72)	4-Chlorophenyl-phenyle...	7.519	204	312949	105.3768	ng	75
73)	Diethylphthalate	7.396	149	600701	106.9898	ng	94
74)	4-Nitroaniline	7.543	138	128028	95.2804	ng	67
75)	Atrazine	8.183	200	188502	90.8428	ng	96
77)	4,6-Dinitro-2-methylph...	7.566	198	120832	144.8919	ng	79
78)	n-Nitrosodiphenylamine	7.631	169	521016	118.9352	ng	98
80)	1,2-Diphenylhydrazine	7.678	77	498313	118.8537	ng	66
81)	4-Bromophenyl-phenylether	8.013	248	203541	115.1380	ng	72
82)	Hexachlorobenzene	8.078	284	226651	120.1811	ng	57
83)	N-Octadecane	8.342	57	405972	168.8102	ng	67
84)	Pentachlorophenol	8.283	266	156792	135.6904	ng	99
85)	Phenanthrene	8.518	178	932973	124.8363	ng	99
86)	Anthracene	8.577	178	922192	121.7999	ng	99
87)	Carbazole	8.747	167	907872	130.0247	ng	95
88)	Di-n-butylphthalate	9.129	149	1130030	127.6068	ng	97
89)	Fluoranthene	9.858	202	1012654	112.5895	ng	90
91)	Pyrene	10.128	202	1072956	110.4609	ng	85
96)	Butylbenzylphthalate	10.898	149	500099	124.0722	ng	69
98)	3,3'-Dichlorobenzidine	11.562	252	119165	38.0817	ng	95
99)	Benzo[a]anthracene	11.597	228	1070445	118.9065	ng	99
100)	Chrysene	11.644	228	974089	120.0376	ng	100
101)	bis(2-Ethylhexyl)phtha...	11.644	149	697178	131.7658	ng	96
103)	Di-n-octylphthalate	12.625	149	1293489	123.4185	ng	99
104)	Benzo[b]fluoranthene	13.242	252	1103151	119.0103	ng	97
105)	Benzo[k]fluoranthene	13.289	252	975961	106.4482	ng	93
106)	Benzo[a]pyrene	13.818	252	959968	108.2122	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.786	276	1015627m	114.7980	ng	
108)	Dibenzo[a,h]anthracene	15.827	278	1001311	118.0161	ng	91
109)	Benzo[g,h,i]perylene	16.221	276	984522	118.8528	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 7M147437.D\data.ms
Quant QT Reviewed
SampleID : AD56733-008(MS:AD56
Data File: 7M147437.D
Acq On : 12/ 2/25 09:03
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12/02/25 09:25
Qt Upd On: 11/10/25 12:57
Time-->

Quantitation Report (QT Reviewed)

SampleID : AD56733-009(MSD:AD5 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147438.D Sam Mult : 1 Vial# : 5 Qt On : 12/02/25 09:54
Acq On : 12/ 2/25 09:25 Misc : A,BNA Qt Upd On: 11/10/25 12:57

Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dioxane-d8(INT)	2.219	96	59024	40.00	ng	0.00
21) 1,4-Dichlorobenzene-d4	4.581	152	99812	40.00	ng	0.00
31) Naphthalene-d8	5.574	136	353383	40.00	ng	0.00
50) Acenaphthene-d10	7.014	164	192183	40.00	ng	0.00
76) Phenanthrene-d10	8.495	188	356787	40.00	ng	0.00
90) Chrysene-d12	11.609	240	334443	40.00	ng	0.00
102) Perylene-d12	13.912	264	360446	40.00	ng	0.00
System Monitoring Compounds						
11) 2-Fluorophenol	3.506	112	79455	24.25	ng	0.00
Spiked Amount 100.000			Recovery = 24.25%			
16) Phenol-d5	4.264	99	85276	21.08	ng	0.00
Spiked Amount 100.000			Recovery = 21.08%			
32) Nitrobenzene-d5	5.022	128	70383	53.79	ng	0.00
Spiked Amount 50.000			Recovery = 107.58%			
55) 2-Fluorobiphenyl	6.420	172	302019	49.30	ng	0.00
Spiked Amount 50.000			Recovery = 98.60%			
79) 2,4,6-Tribromophenol	7.766	330	80803	86.10	ng	0.00
Spiked Amount 100.000			Recovery = 86.10%			
93) Terphenyl-d14	10.304	244	397940	54.24	ng	0.00
Spiked Amount 50.000			Recovery = 108.48%			
Target Compounds						Qvalue
8) 1,4-Dioxane	2.243	88	51002	33.2626	ng	90
9) Pyridine	2.496	79	95910	28.4843	ng	63
10) N-Nitrosodimethylamine	2.449	74	86485	43.2794	ng	63
12) Benzaldehyde	4.235	77	234786	82.1563	ng	70
13) Aniline	4.317	93	196127	41.7365	ng	58
14) Pentachloroethane	4.358	117	82954	73.5237	ng	70
15) bis(2-Chloroethyl)ether	4.364	93	235242	77.2417	ng	73
17) Phenol	4.276	94	94917	24.6911	ng	79
18) 2-Chlorophenol	4.411	128	159814	48.3317	ng	76
19) N-Decane	4.435	57	164325	62.6492	ng	96
20) 1,3-Dichlorobenzene	4.540	146	298126	77.2514	ng	96
22) 1,4-Dichlorobenzene	4.599	146	294672	89.8392	ng	98
23) 1,2-Dichlorobenzene	4.717	146	284562	91.3357	ng	98
24) Benzyl alcohol	4.687	108	108847	60.2171	ng	66
25) bis(2-chloroisopropyl)...	4.787	45	221699	93.0298	ng	97
26) 2-Methylphenol	4.769	108	137559	55.4607	ng	98
27) Acetophenone	4.899	105	438744	107.3120	ng	54
28) Hexachloroethane	4.987	117	143172	123.8503	ng	90
29) N-Nitroso-di-n-propyla...	4.893	70	167393	96.0940	ng	72
30) 3&4-Methylphenol	4.887	108	129329	48.3972	ng	85
33) Nitrobenzene	5.034	77	260043	101.1458	ng	75
34) Isophorone	5.216	82	413113	91.8709	ng	83
35) 2-Nitrophenol	5.281	139	115460	79.8291	ng	74
36) 2,4-Dimethylphenol	5.298	107	205350	84.0720	ng	90
37) Benzoic Acid	5.298	105	40711m	21.2784	ng	
38) bis(2-Chloroethoxy)met...	5.375	93	281014	99.8035	ng	96
39) 2,4-Dichlorophenol	5.457	162	172442	70.9235	ng	86
40) 1,2,4-Trichlorobenzene	5.527	180	258812	97.1012	ng	94
41) Naphthalene	5.592	128	800683	102.6123	ng	98
42) 4-Chloroaniline	5.621	127	138415m	44.5131	ng	
43) Hexachlorobutadiene	5.674	225	150509	95.0699	ng	97
44) Caprolactam	5.898	113	42961	48.3748	ng	66
45) 4-Chloro-3-methylphenol	5.992	107	160331	75.3545	ng	76
46) 2-Methylnaphthalene	6.127	142	536082	107.8933	ng	98
47) 1-Methylnaphthalene	6.209	142	653813	130.5723	ng	88
48) Methylnaphthalenes (To...	6.209	142	1194449m	239.2064	ng	
49) 1,1'-Biphenyl	6.509	154	703324	101.7219	ng	91
51) 1,2,4,5-Tetrachloroben...	6.262	216	324227	106.4726	ng	98
52) Hexachlorocyclopentadiene	6.250	237	176901	103.7058	ng	98
53) 2,4,6-Trichlorophenol	6.350	196	127018	73.4569	ng	99
54) 2,4,5-Trichlorophenol	6.385	196	130080m	72.2907	ng	
56) 2-Chloronaphthalene	6.532	162	488568	102.6829	ng	87
57) 1,4-Dimethylnaphthalene	6.814	156	523205	137.3804	ng	82
58) Dimethylnaphthalenes (...	6.814	156	523205	137.3804	ng	82
59) Diphenyl Ether	6.591	170	434847	105.9496	ng	80
60) 2-Nitroaniline	6.608	65	129617	97.6295	ng	36
61) Acenaphthylene	6.891	152	729967	96.8202	ng	98
62) Dimethylphthalate	6.755	163	518934	93.5744	ng	98
63) 2,6-Dinitrotoluene	6.814	165	125069	103.2534	ng	54
64) Acenaphthene	7.043	153	500958	107.4697	ng	94
65) 3-Nitroaniline	6.967	138	71088	56.2194	ng	66

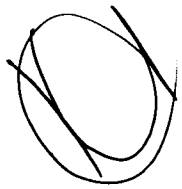
Quantitation Report (QT Reviewed)

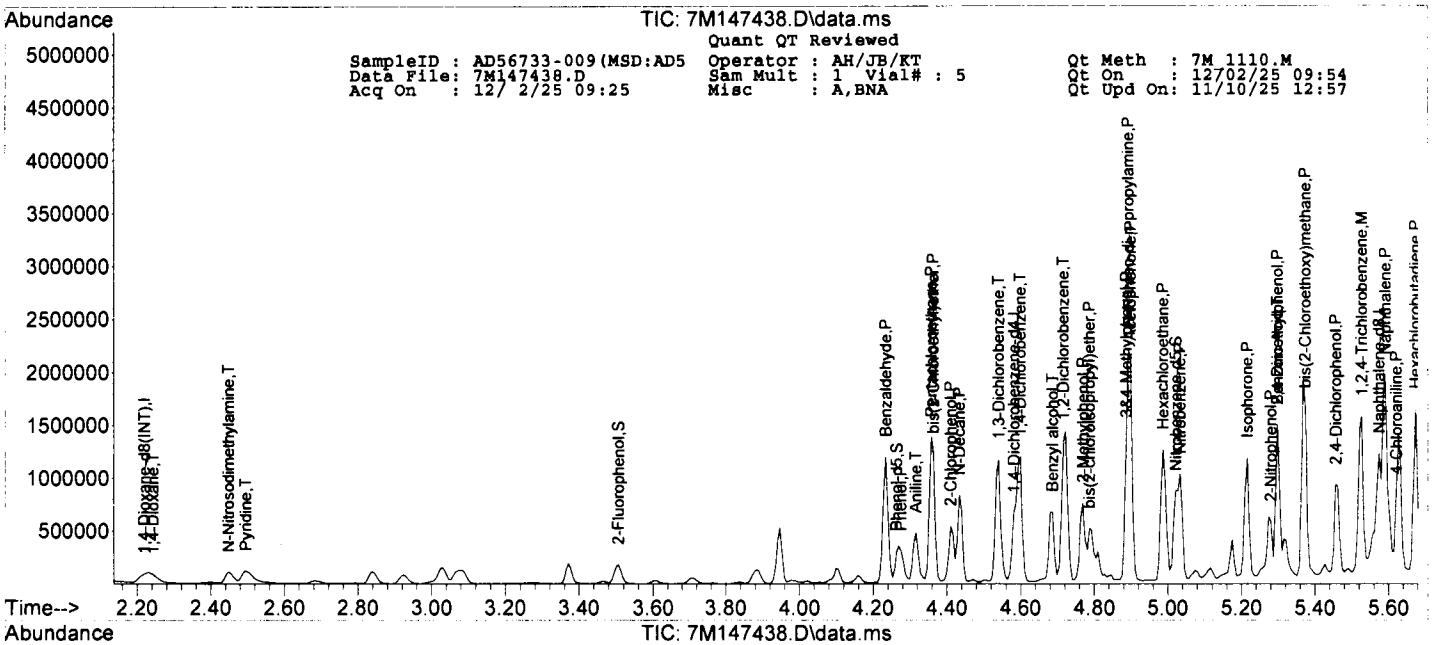
SampleID : AD56733-009(MSD:AD5 Operator : AH/JB/KT Qt Meth : 7M_1110.M
Data File: 7M147438.D Sam Mult : 1 Vial# : 5 Qt On : 12/02/25 09:54
Acq On : 12/ 2/25 09:25 Misc : A,BNA Qt Upd On: 11/10/25 12:57

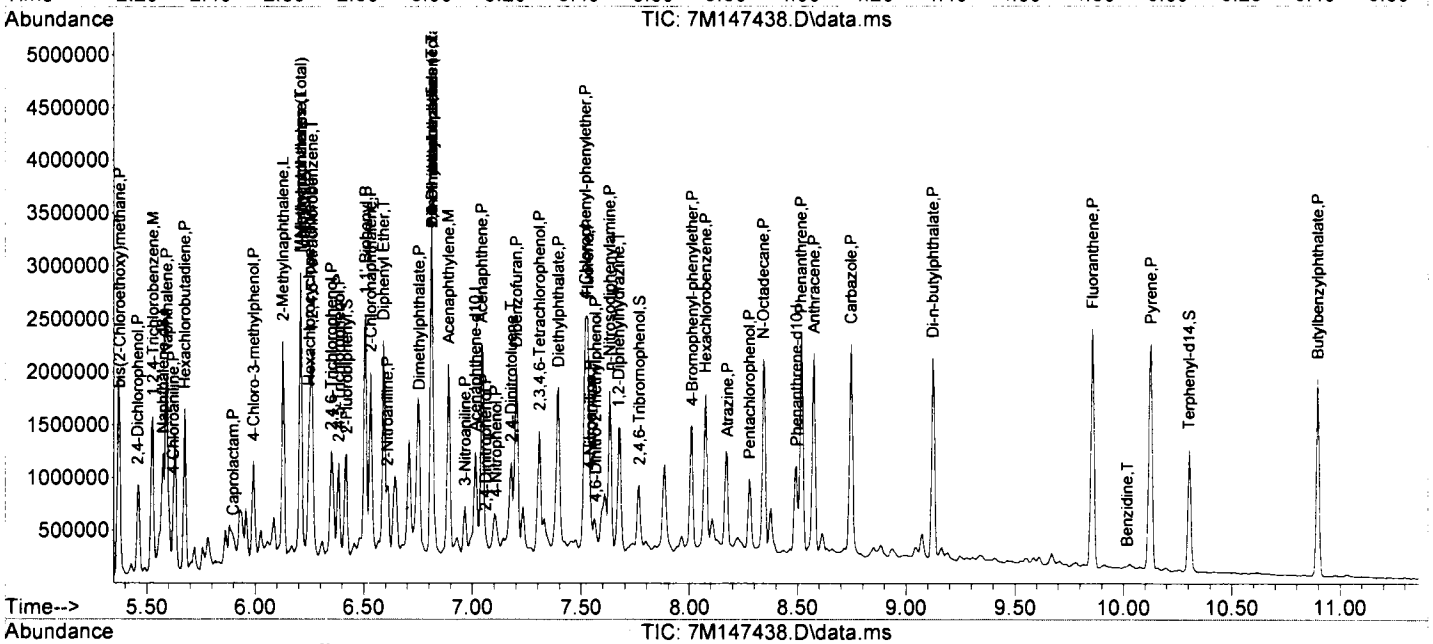
Data Path : G:\GcMsData\2025\GCMS_7\Data\12-02-25\
Qt Path : G:\GCMSDATA\2025\GCMS_7\MethodQt\
Qt Resp Via : Initial Calibration

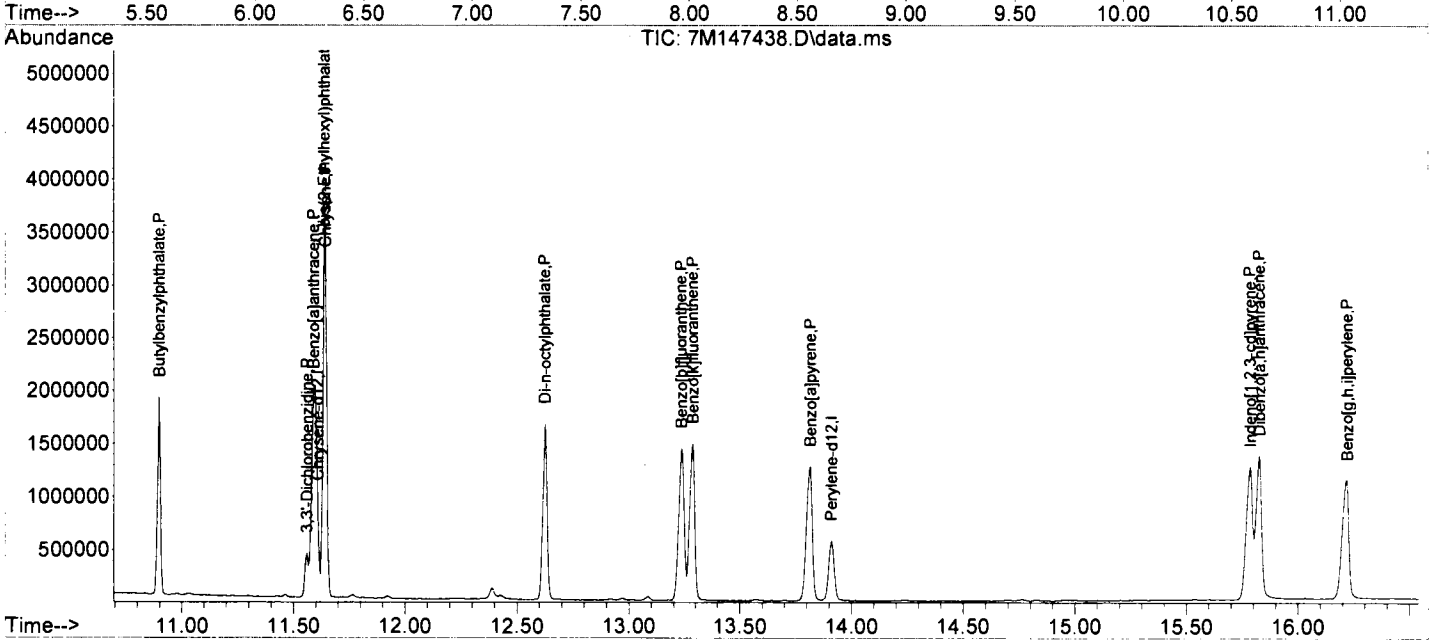
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	2,4-Dinitrophenol	7.061	184	8509	14.5878	ng	24
67)	Dibenzofuran	7.202	168	705089	104.6363	ng	82
68)	2,4-Dinitrotoluene	7.178	165	185259	109.9284	ng	49
69)	4-Nitrophenol	7.108	65	14548	19.8134	ng	87
70)	2,3,4,6-Tetrachlorophenol	7.308	232	110697	73.4159	ng	83
71)	Fluorene	7.531	166	596465	106.5547	ng	98
72)	4-Chlorophenyl-phenyle...	7.519	204	298311	102.2610	ng	74
73)	Diethylphthalate	7.396	149	572381	103.7859	ng	95
74)	4-Nitroaniline	7.543	138	93224	70.6310	ng	65
75)	Atrazine	8.177	200	150131	73.6570	ng	96
77)	4,6-Dinitro-2-methylph...	7.566	198	54296	64.7592	ng	86
78)	n-Nitrosodiphenylamine	7.631	169	477494	108.4173	ng	99
80)	1,2-Diphenylhydrazine	7.672	77	474225	112.5035	ng	73
81)	4-Bromophenyl-phenylether	8.013	248	193104	108.6499	ng	73
82)	Hexachlorobenzene	8.077	284	217695	114.8149	ng	56
83)	N-Octadecane	8.342	57	405330	167.6419	ng	67
84)	Pentachlorophenol	8.277	266	88483	76.1652	ng	95
85)	Phenanthrene	8.518	178	888061	118.1914	ng	99
86)	Anthracene	8.577	178	889374	116.8373	ng	99
87)	Carbazole	8.747	167	913808	130.1750	ng	94
88)	Di-n-butylphthalate	9.123	149	1085695	121.9447	ng	97
89)	Fluoranthene	9.858	202	1008725	111.5529	ng	90
91)	Pyrene	10.128	202	1044133	106.8366	ng	85
92)	Benzidine	10.016	184	6721	1.3332	ng	95
96)	Butylbenzylphthalate	10.898	149	480916	118.5838	ng	67
98)	3,3'-Dichlorobenzidine	11.562	252	123311	39.1658	ng	94
99)	Benzo[a]anthracene	11.591	228	1003961m	110.8398	ng	
100)	Chrysene	11.644	228	914834	112.0466	ng	99
101)	bis(2-Ethylhexyl)phtha...	11.638	149	662795	124.5019	ng	97
103)	Di-n-octylphthalate	12.625	149	1230143	118.4623	ng	100
104)	Benzo[b]fluoranthene	13.236	252	1019982m	111.0578	ng	
105)	Benzo[k]fluoranthene	13.289	252	938225m	103.2808	ng	
106)	Benzo[a]pyrene	13.818	252	894317	101.7462	ng	91
107)	Indeno[1,2,3-cd]pyrene	15.786	276	922141m	105.1973	ng	
108)	Dibenzo[a,h]anthracene	15.827	278	938280	111.6122	ng	91
109)	Benzo[g,h,i]perylene	16.221	276	916856	111.7100	ng	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed




Abundance
TIC: 7M147438.D\data.ms
Quant QT Reviewed
SampleID : AD56733-009(MSD:AD5
Data File: 7M147438.D
Acq On : 127 2/25 09:25
Operator : AH/JB/KT
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 7M_1110.M
Qt On : 12702/25 09:54
Qt Upd On: 11/10/25 12:57
1,4-Dioxane-d8(INT),I
1,4-Dioxane,T
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,P
Phenol-d5,S
Aniline,T
2-Chlorophenol,P
N-Decane,P
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,T
Benzyl alcohol,T
1,2-Dichlorobenzene,T
bis(2-Chloroisopropyl)ether,P
Hexachloroethane,P
Nitrobenzene-d5,S
Isophorone,P
2-Nitrophenol,P
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Time-->


Abundance
TIC: 7M147438.D\data.ms
bis(2-Chloroethoxy)methane,P
2,4-Dichlorophenol,P
1,2,4-Trichlorobenzene,M
Naphthalene,P
4-Chloroaniline,P
Hexachlorobutadiene,P
Caprolactam,P
4-Chloro-3-methylphenol,P
2-Methylnaphthalene,L
Hexachlorocyclopentadiene,P
2,4,6-Trichlorophenol,P
2-Fluorobiphenyl,S
2-Chloronaphthalene,P
1-Methylnaphthalene,P
2-Nitroaniline,P
Dimethylphthalate,P
Diphenyl Ether,T
Acenaphthylene,M
3-Nitroaniline,P
Acenaphthene,P
Acenaphthene-d10,I
2,4-Dinitrophenol,P
4-Nitrophenol,P
Dibenzofuran,P
2,3,4,6-Tetrachlorophenol,P
Diethylphthalate,P
4-Chlorophenyl-phenylether,P
4,6-Dinitro-2-methylphenol,P
N-Nitrosodiphenylamine,M
1,2-Diphenylhydrazine,I
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,P
Hexachlorobenzene,P
Atrazine,P
Pentachlorophenol,P
N-Octadecane,P
Phenanthrene-d10,I
Phenanthrene,P
Anthracene,P
Carbazole,P
Di-n-butylphthalate,P
Fluoranthene,P
Benzidine,T
Pyrene,P
Terphenyl-d14,S
Butylbenzylphthalate,P
Time-->


Abundance
TIC: 7M147438.D\data.ms
Butylbenzylphthalate,P
3,3'-Dichlorobenzidine,P
Benzo[a]anthracene,P
Chrysene-d12,I
Bis(2-ethylhexyl)phthalat
Di-n-octylphthalate,P
Benzo[b]fluoranthene,P
Benzo[k]fluoranthene,P
Benzo[a]pyrene,P
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,P
Dibenz[a,h]anthracene,P
Benzo[g,h,i]perylene,P
Time-->

GC/MS Base Neutral/Acid Extractable Data
Logbook Data

QC128203

Hampton-Clarke

Extraction of Semi-volatile – Aqueous
Method 3510 C

Batch No.: 128203
Start extraction time: 9:00 AM
End extraction time: 3:00 PM
Recirculator: Start temp: 15/30 °C
End temp: 15/30 °C

Date: 12/01/25
Shaker Used: 2,3,4
Condenser used: 1,5,6
Condenser Flow: 2500 CCM

Sample Number	# In Batch	625.1 / 8270E	Initial Volume	Final Volume (mL)	pH Verif NaOH ≥12	pH Verif H_2SO_4 <2	Fraction BN	Fraction BNA	Fraction AE	Extracted By/ Comments TCLP/SPLP Ext. Fluid	Ext by	QC
MB 128203	X		1000	1.0	X	X		X			VM	
MBS 128203	↓		↓	↓	↓	↓		↓			↓	
MS 56733-008	↓		1030	↓	↓	↓		↓			↓	
MSD 56733-009	↓		↓	↓	↓	↓		↓			↓	
MB 56733-002	1	8270	1030	↓	↓	↓		↓			↓	
003	2	↓	↓	↓	↓	↓		↓			↓	
004	3	↓	1050	↓	↓	↓		↓			↓	
005	4	↓	950	↓	↓	↓		↓			↓	
006	5	↓	930	↓	↓	↓		↓			↓	
007	6	↓	1030	↓	↓	↓		↓			↓	
010008	7	↓	↓	↓	↓	↓		↓			↓	
↓ 011009	8	↓	↓	↓	↓	↓		↓			↓	

Spike Standard

Vol (µl)	Conc. (ppm/ppb)	Lot No.	
50	2000	16858	BN COMP
↓	↓	16857	ACID COMP
↓	↓	16859	TOX MIX
↓	↓	452884	CLP MIX

Surrogate Standard

Vol (µl)	Conc. (ppm/ppb)	Lot No.	
50	44298	—	—
50	1000-2000	442980	BNA SURR

KT 12/12/25

Reagent Lots: $MeCl_2$ 16988 Acetone — Hexane — baked Na_2SO_4 453579
10N NaOH 451485 H_2SO_4 — Other —

Relinquished By: VM Date: 12/01/25

Received By: [signature] Date: 12/02/25

RUN LOG

1-1-14M002956

Instrument: GCMS_14Year: 2025
Analyst: AH/JB/KT

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
14M002956.	CAL DFTPP	Ee1=3.4;Ed1= 0.56;	OK, V-439746	JB 10/01/25		Aqueous	1	1		09/29 08:11
14M002957.	CAL BNA 10PPM		OK, V-449178	JB 10/01/25		Aqueous	1	1	625\8270	09/29 09:24
14M002958.	CAL BNA 2PPM		OK, V-449186	JB 10/01/25		Aqueous	1	1	625\8270	09/29 09:45
14M002959.	CAL BNA 160PPM		OK, V-449183	JB 10/01/25		Aqueous	1	1	625\8270	09/29 10:06
14M002960.	CAL BNA 196PPM		OK, V-449184	JB 10/01/25		Aqueous	1	1	625\8270	09/29 10:27
14M002961.	CAL BNA 120PPM		OK, V-449182	JB 10/01/25		Aqueous	1	1	625\8270	09/29 10:48
14M002962.	CAL BNA 80PPM		OK, V-449181	JB 10/01/25		Aqueous	1	1	625\8270	09/29 11:09
14M002963.	BNA 50PPM		RR	JB 10/01/25		Aqueous	1	1	625\8270	09/29 11:30
14M002964.	BNA 20PPM		RR	JB 10/01/25		Aqueous	1	1	625\8270	09/29 11:51
14M002965.	CAL BNA 0.5PPM		OK, V-449187	JB 10/01/25		Aqueous	1	1	625\8270	09/29 12:12
14M002966.	BNA 50PPM	Is	RR	JB 10/01/25		Aqueous	1	1	625\8270	09/29 12:34
14M002967.	CAL BNA 20PPM		OK, V-449179	JB 10/01/25		Aqueous	1	1	625\8270	09/29 12:59
14M002968.	CAL BNA 50PPM		OK, V-449180	JB 10/01/25		Aqueous	1	1	625\8270	09/29 13:30
14M002969.	ICV BNA 50PPM	Is	OK, V-449189	JB 10/01/25		Aqueous	1	1	625\8270	09/29 14:14

Anc	Area Not Checked	En	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 not checked
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Cro	C30/C20 failed for enh
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C1b	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	Evm	Eval Mix missing ddt or endrin
C1f	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R1b R2b	Rpd Out on MsMsd (col1 and or col2) 600 series
C2b	Calibration Column 2 Out (600 Series)	I1b I2b	Initial cal 600 series failed Column 1 and or 2	R1f R2f	Rpd Out on MsMsd (col1 and or col2) 8000 series
C2f	Calibration Column 2 Out (8000 Series)	I1f I2f	Initial cal 8000 series failed Column 1 and or 2	Rn	Retention Time Out Or %Diff Out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rtn	Can't Calculate Drift
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	S6	600 series surrogate out
Cme	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

RUN LOG

1-1-7M147167

Instrument: GCMS_7 Year: 2025
Analyst: AH/JB/KT

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
7M147167.	CAL DFTPP	Ee1=2.1;Ed1=1.1;	OK, V-450748	JB 11/11/25		Aqueous	1	1		11/10 07:40
7M147168.	CAL BNA 50PPM	IsC18	RR	JB 11/11/25		Aqueous	1	1	625\8270	11/10 08:27
7M147169.	CAL BNA 196PPM		OK, V-452510	JB 11/11/25		Aqueous	1	1	625\8270	11/10 08:51
7M147170.	CAL BNA 160PPM		OK, V-452509	JB 11/11/25		Aqueous	1	1	625\8270	11/10 09:13
7M147171.	CAL BNA 120PPM		OK, V-452508	JB 11/11/25		Aqueous	1	1	625\8270	11/10 09:35
7M147172.	CAL BNA 80PPM		OK, V-452507	JB 11/11/25		Aqueous	1	1	625\8270	11/10 09:57
7M147173.	CAL BNA 20PPM		OK, V-452505	JB 11/11/25		Aqueous	1	1	625\8270	11/10 10:19
7M147174.	CAL BNA 10PPM	C16C18	RR	JB 11/11/25		Aqueous	1	1	625\8270	11/10 10:41
7M147175.	CAL BNA 2PPM	C16C18	RR	JB 11/11/25		Aqueous	1	1	625\8270	11/10 11:03
7M147176.	CAL BNA 0.5PPM		OK, V-452513	JB 11/11/25		Aqueous	1	1	625\8270	11/10 11:26
7M147177.	CAL BNA 50PPM		OK, V-452506	JB 11/11/25		Aqueous	1	1	625\8270	11/10 11:48
7M147178.	CAL BNA 2PPM		OK, V-452512	JB 11/11/25		Aqueous	1	1	625\8270	11/10 12:10
7M147179.	CAL BNA 10PPM		OK, V-452504	JB 11/11/25		Aqueous	1	1	625\8270	11/10 12:32
7M147180.	ICV BNA 50PPM	Is	OK, V-452515	JB 11/11/25		Aqueous	1	1	625\8270	11/10 12:54

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 not checked
B6m	Blank 600 series missing	Etn	Tclo/Solvent Extraction Date Missing/Not check'd	Cro	C30/C20 failed for aqh
B8m	Blank 8000 series missing	Eto	Tclo Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	Evrc	Eval Mix missing ddt or endrin
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Ro	Retention Time Out Or %Diff Out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rtn	Can't Calculate Drift
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	S6	600 series surrogate out
Cme	Endion Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

RUN LOG

1-1-14M003289

Instrument: GCMS_14Year: 2025
Analyst: AH/JB/KT

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
14M003289.	CAL DFTPP	Ee1=2.1;Ed1=0.63;	OK, V-450748	JB 12/01/25		Aqueous	1	1		12/01 07:42
14M003290.	CAL BNA 50PPM		OK, V-452506	JB 12/01/25		Aqueous	1	1	625\8270	12/01 08:09
14M003291.	WMB128181(MS)		OK WMB128181	KT 12/01/25		Aqueous	1	1	625\8270	12/01 08:45
14M003292.	WMB128181		OK	JB 12/01/25		Aqueous	1	1	625\8270	12/01 09:06
14M003293.	AD56611-003		OK	JB 12/01/25	BNA15-8270	Aqueous	1	1	8270E	12/01 09:27
14M003294.	AD56621-013		OK	JB 12/01/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 09:47
14M003295.	AD56621-014		OK WMB128181	JB 12/01/25	BNPAH-8270	Aqueous	1	1	625\8270	12/01 10:08
14M003296.	AD56621-015(MS:A		OK WMB128181	JB 12/01/25	BNPAH-8270	Aqueous	1	1	625\8270	12/01 10:29
14M003297.	AD56621-016(MSD:		OK WMB128181	JB 12/01/25	BNPAH-8270	Aqueous	1	1	625\8270	12/01 10:50
14M003298.	AD56621-017		OK	JB 12/01/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 11:11
14M003299.	AD56621-018		OK	JB 12/01/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 11:32
14M003300.	AD56621-019		OK	JB 12/01/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 11:53
14M003301.	AD56621-020		OK	JB 12/01/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 12:14
14M003302.	WMB128192(MS)		OK WMB128192	JB 12/01/25		Aqueous	1	1	625\8270	12/01 12:34
14M003303.	AD56628-001		OK	JB 12/01/25	BNA15-8270	Aqueous	1	1	8270E	12/01 12:55
14M003304.	AD56628-002		OK	JB 12/01/25	BNA15-8270	Aqueous	1	1	8270E	12/01 13:16
14M003305.	AD56628-003		OK	JB 12/01/25	BNA15-8270	Aqueous	1	1	8270E	12/01 13:37
14M003306.	AD56676-001		OK	JB 12/01/25	BNA-8270	Aqueous	1	1	8270E	12/01 13:58
14M003307.	AD56621-002(5X)		OK	JB 12/01/25	BNPAH-8270	Aqueous	5	5	8270E	12/01 14:19
14M003308.	TEST		NOT USED MBS	JB 12/01/25		Soil	1	1	8270E	12/01 14:40
14M003309.	WMB128192		OK	JB 12/02/25		Aqueous	1	1	625\8270	12/01 15:01
14M003310.	WMB128203(MS)		OK WMB128203	JB 12/02/25		Aqueous	1	1	625\8270	12/01 15:21
14M003311.	AD56687-001		OK WMB128192	JB 12/02/25	BNPAH-8270	Aqueous	1	1	625\8270	12/01 15:42
14M003312.	AD56687-002(MS:A		OK WMB128192	JB 12/02/25	BNPAH-8270	Aqueous	1	1	625\8270	12/01 16:03
14M003313.	AD56687-003(MSD:		OK WMB128192	JB 12/02/25	BNPAH-8270	Aqueous	1	1	625\8270	12/01 16:24
14M003314.	AD56687-004		OK	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 16:45
14M003315.	AD56687-005	Ocf	RR 50X	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 17:06
14M003316.	AD56687-006	Ocf	RR 40X	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 17:27
14M003317.	AD56687-007		OK	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 17:48
14M003318.	AD56687-008		OK	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 18:09
14M003319.	AD56687-009	Ocf	RR 40X	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 18:29
14M003320.	AD56687-010		OK	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 18:50
14M003321.	AD56687-011	Ocf	RR 30X	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 19:11
14M003322.	AD56687-012		OK	JB 12/02/25	BNPAH-8270	Aqueous	1	1	8270E	12/01 19:32

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 not checked
B8m	Blank 800 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Cm	C30/C20 failed (or epb
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	Evrc	Eval Mix missing ddt or endrin
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Ro	Retention Time Out Or %Diff Out
C8f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rtn	Can't Calculate Drift
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rls	S6	600 series surrogate out
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

RUN LOG

1-1-7M147401

Instrument: GCMS_7 Year: 2025
Analyst: AH/JB/KT

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
7M147401.	CAL DFTPP	Ee1=4;Ed1=1.9;	OK, V-450748	KT 12/01/25		Aqueous	1	1		12/01 07:34
7M147402.	CAL BNA 50PPM		OK, V-452506	KT 12/01/25		Aqueous	1	1	625\8270	12/01 08:01
7M147403.	WMB128183(MS)		OK WMB128183	KT 12/01/25		Aqueous	1	1	625\8270	12/01 08:25
7M147404.	WMB128181		OK	JB 12/01/25		Aqueous	1	1	625\8270	12/01 08:47
7M147405.	WMB128183		OK	JB 12/01/25		Aqueous	1	1	625\8270	12/01 09:09
7M147406.	AD56648-001		OK	JB 12/01/25	BN-8270	Aqueous	1	1	8270E	12/01 09:31
7M147407.	AD56648-002		OK	JB 12/01/25	BN-8270	Aqueous	1	1	8270E	12/01 09:53
7M147408.	AD56648-003		OK	JB 12/01/25	BN-8270	Aqueous	1	1	8270E	12/01 10:15
7M147409.	AD56531-001(T)		OK WMB128183	JB 12/01/25	BNATCLP-82	Aqueous	1	1	625\8270	12/01 10:37
7M147410.	AD56627-001(T)		OK	JB 12/01/25	BNATCLP-82	Aqueous	1	1	8270E	12/01 10:58
7M147411.	AD56556-004(R)		OK	JB 12/01/25	BNA15-8270	Aqueous	1	1	8270E	12/01 11:20
7M147412.	AD56573-001(T)		OK	JB 12/01/25	BNATCLP-82	Aqueous	1	1	8270E	12/01 11:42
7M147413.	EF1 V-452783(11/2		OK	JB 12/01/25		Aqueous	1	11	8270E	12/01 12:04
7M147414.	AD56688-001		OK	JB 12/01/25	BN-8270	Aqueous	1	1	8270E	12/01 12:26
7M147415.	AD56713-001		OK	JB 12/01/25	BN15-8270	Aqueous	1	1	8270E	12/01 12:48
7M147416.	AD56679-001(5X)(T		OK, BAD MATRIX	JB 12/01/25	BNATCLP-82	Aqueous	10	5	8270E	12/01 13:09
7M147417.	AD56531-001(T)(M		OK WMB128183	JB 12/01/25	BNATCLP-82	Aqueous	1	1	625\8270	12/01 13:31
7M147418.	AD56531-001(T)(M		OK WMB128183	JB 12/01/25	BNATCLP-82	Aqueous	1	1	625\8270	12/01 13:53
7M147419.	AD56705-001		OK	JB 12/01/25	BNA15-8270	Aqueous	1	1	8270E	12/01 14:15
7M147420.	SMB128198(MS)		OK SMB128198	JB 12/02/25		Soil	1	1	8270E	12/01 14:37
7M147421.	SMB128196(MS)		OK SMB128196	JB 12/02/25		Soil	1	1	8270E	12/01 14:59
7M147422.	OMB128199(MS)		OK OMB128199	JB 12/02/25		OIL/OTH	1	1	8270E	12/01 15:21
7M147423.	AD56705-002		OK	JB 12/02/25	BNA15-8270	Aqueous	1	1	8270E	12/01 15:43
7M147424.	AD56705-003		OK	JB 12/02/25	BNA15-8270	Aqueous	1	1	8270E	12/01 16:05
7M147425.	WMB128203		OK	KT 12/01/25		Aqueous	1	1	625\8270	12/01 16:27
7M147426.	AD56705-004	Ocf	RR 5X	JB 12/02/25	BNA15-8270	Aqueous	1	1	8270E	12/01 16:49
7M147427.	AD56672-001	Sb8	RE-EXTRACT	JB 12/02/25	BN15-8270	Aqueous	1	1	8270E	12/01 17:10
7M147428.	AD56672-002		OK	JB 12/02/25	BN15-8270	Aqueous	1	1	8270E	12/01 17:32
7M147429.	AD56672-003		OK	JB 12/02/25	BN15-8270	Aqueous	1	1	8270E	12/01 17:54
7M147430.	AD56733-002		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/01 18:16
7M147431.	AD56733-003		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/01 18:38
7M147432.	AD56733-004		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/01 19:00
7M147433.	AD56733-005		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/01 19:22

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 not checked
B6m	Blank 600 series missing	Etn	Trap/Solvent Extraction Date Missing/Not check'd	Cro	C30/C20 failed for epa
B8m	Blank 8000 series missing	Eto	Trap Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	Evm	Eval Mix missing ddt or endrin
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Ro	Retention Time Out Or %Diff Out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rto	Can't Calculate Drift
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration chek rfs	S6	600 series surrogate out
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

RUN LOG

1-1-7M147434

Instrument: GCMS_7 Year: 2025
Analyst: AH/JB/KT

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
7M147434.	CAL DFTPP	Ee1=5.6;Ed1=2.9;	OK, V-450748	JB 12/02/25		Aqueous	1	1		12/02 07:54
7M147435.	CAL BNA 50PPM		OK, V-452506	JB 12/02/25		Aqueous	1	1	625\8270	12/02 08:16
7M147436.	AD56733-007		OK WMB128203	JB 12/02/25	BNA-8270	Aqueous	1	1	625\8270	12/02 08:41
7M147437.	AD56733-008(MS:AM16M18		OK WMB128203	JB 12/02/25	BNA-8270	Aqueous	1	1	625\8270	12/02 09:03
7M147438.	AD56733-009(MSD:R16R18M16M18		OK WMB128203	JB 12/02/25	BNA-8270	Aqueous	1	1	625\8270	12/02 09:25
7M147439.	AD56733-006		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/02 09:47
7M147440.	AD56733-010		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/02 10:08
7M147441.	AD56733-011		OK	JB 12/02/25	BNA-8270	Aqueous	1	1	8270E	12/02 10:30
7M147442.	AD56705-004(5X)		OK	JB 12/02/25	BNA15-8270	Aqueous	5	5	8270E	12/02 10:52
7M147443.	SMB128208(MS)		OK SMB128208	JB 12/02/25		Soil	1	1	8270E	12/02 11:14
7M147444.	SMB128208		OK	JB 12/02/25		Soil	1	1	8270E	12/02 11:36
7M147445.	WMB128192		OK	JB 12/02/25		Aqueous	1	1	625\8270	12/02 11:58
7M147446.	AD56687-005(50X)	Sd	OK	JB 12/02/25	BNPAH-8270	Aqueous	50	50	8270E	12/02 12:19
7M147447.	AD56687-006(40X)	Sd	OK	JB 12/02/25	BNPAH-8270	Aqueous	40	40	8270E	12/02 12:41
7M147448.	AD56687-009(40X)	Sd	OK	JB 12/02/25	BNPAH-8270	Aqueous	40	40	8270E	12/02 13:03
7M147449.	AD56687-011(30X)	Sd	OK	JB 12/02/25	BNPAH-8270	Aqueous	30	30	8270E	12/02 13:25
7M147450.	AD56641-004(3X)		OK	KT 12/03/25	BNA-8270	Soil	3	3	8270E	12/02 13:47
7M147451.	AD56521-009(3X)		OK	KT 12/03/25	BNA-8270	Soil	3	3	8270E	12/02 14:09
7M147452.	AD56521-008(3X)		OK	KT 12/03/25	BNA-8270	Soil	3	3	8270E	12/02 14:31
7M147453.	AD56521-014		OK	KT 12/03/25	BNA-8270	Soil	1	1	8270E	12/02 14:53
7M147454.	AD56521-012		OK	KT 12/03/25	BNA-8270	Soil	1	1	8270E	12/02 15:15
7M147455.	AD56521-011	Ao	RR	KT 12/03/25	BNA-8270	Soil	1	1	8270E	12/02 15:37
7M147456.	AD56521-016		OK	KT 12/03/25	BNA-8270	Soil	1	1	8270E	12/02 15:59
7M147457.	AD56521-015		OK	KT 12/03/25	BNA-8270	Soil	1	1	8270E	12/02 16:21
7M147458.	AD56521-001(15X)		OK	KT 12/03/25	BNA-8270	Soil	15	15	8270E	12/02 16:42

Anc	Area Not Checked	Ec	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	CRN	Warning c30/c20 not checked
BBm	Blank 600 series missing	Etn	Tdn/Solvent Extraction Date Missing/Not check'd	Cm	C30/C20 failed for eph
BBm	Blank 8000 series missing	Etn	Tdn Extraction Performed Outside of Hold	EvF	Eval Mix Failed
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	Evnc	Eval Mix Not Checked
C1B	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	Evnc	Eval Mix missing ddt or endrin
C1B	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C2B	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C2B	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	Ro	Retention Time Out Or %Diff Out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	Rtn	Can't Calculate Diff
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmpl csv for init calibration chek rfs	S8	600 series surrogate out
Cme	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	S8	8000 series surrogate out
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-438834

Prepared By: Hamid, Akmal
Description: BNA Internal Std.
Prep Date: 4/21/2025
Expiration Date: 4/21/2026
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 200 ml
ApprovedBy: akmal
ApproveDate: 04/21/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
15897	Naphthalene-D8	.4 g	NEAT neat	2000 ppm
15898	Phenanthrene-D10	.4 g	NEAT neat	2000 ppm
15899	Chrysene-D12	.4 g	NEAT neat	2000 ppm
15900	Perylene-D12	.4 g	NEAT neat	2000 ppm
13897	Acenaphthene-d10	.4 g	NEAT neat	2000 ppm
15083	1,4-Dichlorobenzene-d4	.4 g	NEAT neat	2000 ppm
15082	1,4-Dioxane-D8	.4 g	NEAT neat	2000 ppm
14864	Methylene Chloride Optima-4L	200 ml	NEAT neat	

Veritech Lot Number: V-439743

Prepared By: Hamid, Akmal
Description: DFTPP STOCK STD.
Prep Date: 5/5/2025
Expiration Date: 5/5/2026
Department: Organics
BatchNumber:
Concentration: 2000 ppm
Final Volume: 2.5 ml
ApprovedBy: akmal
ApproveDate: 05/05/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16551	DFTPP STD	.005 g	NEAT neat	2000 ppm
14864	Methylene Chloride Optima-4L	2.5 ml	NEAT neat	

Veritech Lot Number: V-439746

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 5/5/2025
Expiration Date: 9/30/2025
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 4 ml
ApprovedBy: akmal
ApproveDate: 05/05/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-439743	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
15272	DDT- Endrin Mix	800 ul	500 ppm	100 ppm
15704	EPA 8270 Phenoles Mix	200 ul	2000 ppm	100 ppm
15702	Benzidine Mix	200 ul	2000 ppm	100 ppm
14864	Methylene Chloride Optima-4L	2700 ul	NEAT neat	

Veritech Lot Number: V-442980

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.(danger)
Prep Date: 6/24/2025
Expiration Date: 6/24/2026
Department: Organics
BatchNumber:
Concentration: 1000-2000 pp
Final Volume: 1000 ml
ApprovedBy: akmal
ApproveDate: 07/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
13086	2-Fluorobiphenyl	1 g	NEAT neat	1000 ppm
16684	p-Terphenyl-d14	1 g	NEAT neat	1000 ppm
16686	Phenol-2,3,4,5,6-d5	2 g	NEAT neat	2000 ppm
16685	2,4,6-Tribromophenol	2 g	NEAT neat	2000 ppm
14128	Nitrobenzene-d5	800 ul	NEAT neat	1000 ppm
16683	2-Fluorophenol	1.6 ml	NEAT neat	2000 ppm
16673	Acetone	1000 ml	Neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-444893

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(1st Source)(CURV
Prep Date: 7/27/2025
Expiration Date: 7/27/2026
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml
ApprovedBy: akmal
ApproveDate: 07/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16715	e-Caprolactum	.05 g	NEAT neat	10000 ppm
16720	1,2,4,5-Tetrachlorobenzene	.05 g	NEAT neat	10000 ppm
16717	Atrazine	.05 g	NEAT neat	10000 ppm
16721	Acetophenone	.05 g	NEAT neat	10000 ppm
16716	Diphenyl Ether	.05 g	NEAT neat	10000 ppm
15328	1,4-Dioxane	.05 g	NEAT neat	10000 ppm
14864	Methylene Chloride Optima-4L	5 ml	NEAT neat	

Veritech Lot Number: V-444894

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2ND Source) (ICV)
Prep Date: 7/27/2025
Expiration Date: 7/27/2026
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 5 ml
ApprovedBy: akmal
ApproveDate: 07/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16715	e-Caprolactum	.05 g	NEAT neat	10000 ppm
16720	1,2,4,5-Tetrachlorobenzene	.05 g	NEAT neat	10000 ppm
16717	Atrazine	.05 g	NEAT neat	10000 ppm
16721	Acetophenone	.05 g	NEAT neat	10000 ppm
16716	Diphenyl Ether	.05 g	NEAT neat	10000 ppm
15328	1,4-Dioxane	.05 g	NEAT neat	10000 ppm
14864	Methylene Chloride Optima-4L	5 ml	NEAT neat	

Veritech Lot Number: V-444931

Prepared By: Hamid, Akmal
Description: BNA-5 MIX(CURVE)
Prep Date: 7/27/2025
Expiration Date: 7/27/2026
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 07/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16719	Biphenyl	.05 g	NEAT neat	5000 ppm
13496	Octadecane	.05 g	NEAT neat	5000 ppm
14901	Pentachloroethane	.05 g	NEAT neat	5000 ppm
16718	1,4-Dimethylnaphthalene	.05 g	NEAT neat	5000 ppm
14832	n-Decane	.05 g	NEAT neat	5000 ppm
14864	Methylene Chloride Optima-4L	10 ml	NEAT neat	

Veritech Lot Number: V-444932

Prepared By: Hamid, Akmal
Description: BNA-5 MIX(ICV)(2nd Source)
Prep Date: 7/27/2025
Expiration Date: 7/27/2026
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml
ApprovedBy: akmal
ApproveDate: 07/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16719	Biphenyl	.05 g	NEAT neat	5000 ppm
13496	Octadecane	.05 g	NEAT neat	5000 ppm
14901	Pentachloroethane	.05 g	NEAT neat	5000 ppm
16718	1,4-Dimethylnaphthalene	.05 g	NEAT neat	5000 ppm
14832	n-Decane	.05 g	NEAT neat	5000 ppm
14864	Methylene Chloride Optima-4L	10 ml	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-444995

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: akmal
Description: Benzaldehyde Std | BatchNumber: | ApproveDate: 07/30/25
Prep Date: 7/29/2025 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 7/29/2026 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16742	Benzaldehyde	.1 g	NEAT neat	10000 ppm
14864	Methylene Chloride Optima-4L	10 ml	NEAT neat	

Veritech Lot Number: V-444996

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: akmal
Description: Benzaldehyde Std (2nd source) | BatchNumber: | ApproveDate: 07/30/25
Prep Date: 7/29/2025 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 7/29/2026 | Final Volume: 25 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16742	Benzaldehyde	.25 g	NEAT neat	10000 ppm
16733	Acetone, OmniSolv	25 ml	neat neat	

Veritech Lot Number: V-444997

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: akmal
Description: BNA-Pest Mix(Danger) | BatchNumber: | ApproveDate: 07/30/25
Prep Date: 7/29/2025 | Concentration: 5000 ppm | Checked: Yes
Expiration Date: 7/29/2026 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16741	4,4'-DDD	.05 g	NEAT neat	5000 ppm
15450	4,4'-DDE	.05 g	NEAT neat	5000 ppm
14867	4,4-DDT	.05 g	NEAT neat	5000 ppm
14864	Methylene Chloride Optima-4L	10 ml	NEAT neat	

Veritech Lot Number: V-449176

Prepared By: Bis, Yolanta | Department: Organics | ApprovedBy: akmal
Description: BNA STOCK Std.A (DANGER) | BatchNumber: | ApproveDate: 10/01/25
Prep Date: 9/29/2025 | Concentration: 250 ppm | Checked: Yes
Expiration Date: 2/28/2026 | Final Volume: 600 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16750	8270 MegaMix	150 ul	1000 ppm	250 ppm
16752	Benzoic Acid Mix	75 ul	2000 ppm	250 ppm
16084	EPA TCL Benzidines Mix	75 ul	2000 ppm	250 ppm
V-442980	BNA Surrog.Std.(danger)	75 ul	1000-2000 pp	125-250 pp
v-444997	BNA-Pest Mix(Danger)	30 ul	5000 ppm	250 ppm
v-444931	BNA-5 MIX(CURVE)	30 ul	5000 ppm	250 ppm
14864	Methylene Chloride Optima-4L	165 ul	NEAT neat	

Veritech Lot Number: V-449177

Prepared By: Bis, Yolanta | Department: Organics | ApprovedBy: akmal
Description: BNA STOCK Std.(DANGER) | BatchNumber: | ApproveDate: 10/01/25
Prep Date: 9/29/2025 | Concentration: 200 ppm | Checked: Yes
Expiration Date: 2/28/2026 | Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449176	BNA STOCK Std.A (DANGER)	400 ul	250 ppm	250 ppm
v-444893	8270 EXTRA MIX#1(1st Source)(CURVE) (DANGER)	10 ul	10000 ppm	250 ppm
v-444995	Benzaldehyde Std	10 ul	10000 ppm	250 ppm
14864	Methylene Chloride Optima-4L	80 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-449178

Prepared By: Bis, Yolanta
Description: BNA 10 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 10 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	5 ul	200 ppm	10 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	93 ul	NEAT neat	

Veritech Lot Number: V-449179

Prepared By: Bis, Yolanta
Description: BNA 20 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 20 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	10 ul	200 ppm	20 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	88 ul	NEAT neat	

Veritech Lot Number: V-449180

Prepared By: Bis, Yolanta
Description: BNA 50 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 50 ppm
Final Volume: 600 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	150 ul	200 ppm	50 ppm
V-438834	BNA Internal Std.	12 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	438 ul	NEAT neat	

Veritech Lot Number: V-449181

Prepared By: Bis, Yolanta
Description: BNA 80 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 80 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	40 ul	200 ppm	80 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	58 ul	NEAT neat	

Veritech Lot Number: V-449182

Prepared By: Bis, Yolanta
Description: BNA 120 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 120 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	60 ul	200 ppm	120 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	38 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-449183

Prepared By: Bis, Yolanta
Description: BNA 160 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 160 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	80 ul	200 ppm	160 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	18 ul	NEAT neat	

Veritech Lot Number: V-449184

Prepared By: Bis, Yolanta
Description: BNA 196 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 196 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449177	BNA STOCK Std.(DANGER)	98 ul	200 ppm	196 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	0	NEAT neat	

Veritech Lot Number: V-449185

Prepared By: Bis, Yolanta
Description: BNA 50 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 50 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-438834	BNA Internal Std.	25 ul	2000 ppm	50 ppm
14864	Methylene Chloride Optima-4L	75 ul	NEAT neat	

Veritech Lot Number: V-449186

Prepared By: Bis, Yolanta
Description: BNA 2 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 2 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449185	BNA 50 ppm curve(DANGER)	4 ul	50 ppm	2 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	94 ul	NEAT neat	

Veritech Lot Number: V-449187

Prepared By: Bis, Yolanta
Description: BNA 0.5 ppm curve(DANGER)
Prep Date: 9/29/2025
Expiration Date: 2/28/2026
Department: Organics
BatchNumber: B-39828
Concentration: 0.5 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 10/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449185	BNA 50 ppm curve(DANGER)	1 ul	50 ppm	2 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	97 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-449188

Prepared By: Bis, Yolanta
Department: Organics
ApprovedBy: akmal
Description: BNA ICV STOCK Std.
BatchNumber:
ApproveDate: 10/01/25
Prep Date: 9/29/2025
Concentration: 250 ppm
Checked: Yes
Expiration Date: 2/28/2026
Final Volume: 600 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16790	8270 MegaMix STD	150 ul	1000 ppm	250 ppm
15707	Benzoic Acid	75 ul	2000 ppm	250 ppm
16050	EPA TCL Benzidine Mix	75 ul	2000 ppm	250 ppm
v-444932	BNA-5 MIX(ICV)(2nd Source)	30	5000 ppm	250 ppm
V-442980	BNA Surrog.Std.(danger)	75	1000-2000 pp	125-250 pp
v-444997	BNA-Pest Mix(Danger)	30	5000 ppm	250 ppm
14864	Methylene Chloride Optima-4L	165 ul	NEAT neat	

Veritech Lot Number: V-449189

Prepared By: Bis, Yolanta
Department: Organics
ApprovedBy: akmal
Description: BNA ICV CAL@50ppm(DANGER)
BatchNumber:
ApproveDate: 10/01/25
Prep Date: 9/29/2025
Concentration: 50 ppm
Checked: Yes
Expiration Date: 2/28/2026
Final Volume: 200 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-449188	BNA ICV STOCK Std.	40 ul	250 ppm	50 ppm
v-444894	8270 EXTRA MIX#1(2ND Source) (ICV)(danger)	1 ul	10000 ppm	50 ppm
v-444996	Benzaldehyde Std (2nd source)	1 ul	10000 ppm	50 ppm
v-438834	BNA Internal Std.	4 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	154 ul	NEAT neat	

Veritech Lot Number: V-450748

Prepared By: Bis, Yolanta
Department: Organics
ApprovedBy: akmal
Description: DFTPP Mix
BatchNumber:
ApproveDate: 10/17/25
Prep Date: 10/16/2025
Concentration: 50 ppm
Checked: Yes
Expiration Date: 3/31/2026
Final Volume: 4 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-439743	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
15272	DDT- Endrin Mix	800 ul	500 ppm	100 ppm
16125	Phenolics Mix	200 ul	2000 ppm	100 ppm
16084	EPA TCL Benzidines Mix	200 ul	2000 ppm	100 ppm
14864	Methylene Chloride Optima-4L	2700 ul	NEAT neat	

Veritech Lot Number: V-452502

Prepared By: Bis, Yolanta
Department: Organics
ApprovedBy: akmal
Description: BNA STOCK Std.A (DANGER)
BatchNumber:
ApproveDate: 11/19/25
Prep Date: 11/10/2025
Concentration: 250 ppm
Checked: Yes
Expiration Date: 3/31/2026
Final Volume: 600 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16750	8270 MegaMix	150 ul	1000 ppm	250 ppm
16752	Benzoic Acid Mix	75 ul	2000 ppm	250 ppm
16084	EPA TCL Benzidines Mix	75 ul	2000 ppm	250 ppm
V-442980	BNA Surrog.Std.(danger)	75 ul	1000-2000 pp	125-250 pp
v-444997	BNA-Pest Mix(Danger)	30 ul	5000 ppm	250 ppm
v-444931	BNA-5 MIX(CURVE)	30 ul	5000 ppm	250 ppm
14864	Methylene Chloride Optima-4L	165 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-452503

Prepared By: Bis, Yolanta
Description: BNA STOCK Std.(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber:
Concentration: 200 ppm
Final Volume: 500 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452502	BNA STOCK Std.A (DANGER)	400 ul	250 ppm	250 ppm
v-444893	8270 EXTRA MIX#1(1st Source)(CURVE) (DANGER)	10 ul	10000 ppm	250 ppm
v-444995	Benzaldehyde Std	10 ul	10000 ppm	250 ppm
14864	Methylene Chloride Optima-4L	80 ul	NEAT neat	

Veritech Lot Number: V-452504

Prepared By: Bis, Yolanta
Description: BNA 10 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 10 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	5 ul	200 ppm	10 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	93 ul	NEAT neat	

Veritech Lot Number: V-452505

Prepared By: Bis, Yolanta
Description: BNA 20 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 20 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	10 ul	200 ppm	20 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	88 ul	NEAT neat	

Veritech Lot Number: V-452506

Prepared By: Bis, Yolanta
Description: BNA 50 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 50 ppm
Final Volume: 600 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	150 ul	200 ppm	50 ppm
V-438834	BNA Internal Std.	12 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	438 ul	NEAT neat	

Veritech Lot Number: V-452507

Prepared By: Bis, Yolanta
Description: BNA 80 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 80 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	40 ul	200 ppm	80 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	58 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-452508

Prepared By: Bis, Yolanta
Description: BNA 120 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 120 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	60 ul	200 ppm	120 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	38 ul	NEAT neat	

Veritech Lot Number: V-452509

Prepared By: Bis, Yolanta
Description: BNA 160 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 160 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	80 ul	200 ppm	160 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	18 ul	NEAT neat	

Veritech Lot Number: V-452510

Prepared By: Bis, Yolanta
Description: BNA 196 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 196 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452503	BNA STOCK Std.(DANGER)	98 ul	200 ppm	196 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	0	NEAT neat	

Veritech Lot Number: V-452511

Prepared By: Bis, Yolanta
Description: BNA 50 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 50 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-438834	BNA Internal Std.	25 ul	2000 ppm	50 ppm
14864	Methylene Chloride Optima-4L	75 ul	NEAT neat	

Veritech Lot Number: V-452512

Prepared By: Bis, Yolanta
Description: BNA 2 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 2 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452511	BNA 50 ppm curve(DANGER)	4 ul	50 ppm	2 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	94 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-452513

Prepared By: Bis, Yolanta
Description: BNA 0.5 ppm curve(DANGER)
Prep Date: 11/10/2025
Expiration Date: 3/31/2026
Department: Organics
BatchNumber: B-40182
Concentration: 0.5 ppm
Final Volume: 100 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452511	BNA 50 ppm curve(DANGER)	1 ul	50 ppm	2 ppm
V-438834	BNA Internal Std.	2 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	97 ul	NEAT neat	

Veritech Lot Number: V-452514

Prepared By: Bis, Yolanta
Description: BNA ICV STOCK Std.
Prep Date: 11/10/2025
Expiration Date: 4/21/2026
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 600 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16790	8270 MegaMix STD	150 ul	1000 ppm	250 ppm
15707	Benzoic Acid	75 ul	2000 ppm	250 ppm
16050	EPA TCL Benzidine Mix	75 ul	2000 ppm	250 ppm
v-444932	BNA-5 MIX(ICV)(2nd Source)	30	5000 ppm	250 ppm
V-442980	BNA Surrog.Std.(danger)	75	1000-2000 pp	125-250 pp
v-444997	BNA-Pest Mix(Danger)	30	5000 ppm	250 ppm
14864	Methylene Chloride Optima-4L	165 ul	NEAT neat	

Veritech Lot Number: V-452515

Prepared By: Bis, Yolanta
Description: BNA ICV CAL@50ppm(DANGER)
Prep Date: 11/10/2025
Expiration Date: 4/21/2026
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 200 ul
ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-452514	BNA ICV STOCK Std.	40 ul	250 ppm	50 ppm
v-444894	8270 EXTRA MIX#1(2ND Source) (ICV)(danger)	1 ul	10000 ppm	50 ppm
v-444996	Benzaldehyde Std (2nd source)	1 ul	10000 ppm	50 ppm
v-438834	BNA Internal Std.	4 ul	2000 ppm	40 ppm
14864	Methylene Chloride Optima-4L	154 ul	NEAT neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-442980

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.(danger)
Prep Date: 6/24/2025
Expiration Date: 6/24/2026
Department: Organics
BatchNumber:
Concentration: 1000-2000 pp
Final Volume: 1000 ml
ApprovedBy: akmal
ApproveDate: 07/01/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
13086	2-Fluorobiphenyl	1 g	NEAT neat	1000 ppm
16684	p-Terphenyl-d14	1 g	NEAT neat	1000 ppm
16686	Phenol-2,3,4,5,6-d5	2 g	NEAT neat	2000 ppm
16685	2,4,6-Tribromophenol	2 g	NEAT neat	2000 ppm
14128	Nitrobenzene-d5	800 ul	NEAT neat	1000 ppm
16683	2-Fluorophenol	1.6 ml	NEAT neat	2000 ppm
16673	Acetone	1000 ml	Neat neat	

Veritech Lot Number: V-444895

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)(SPK)(
Prep Date: 7/27/2025
Expiration Date: 7/27/2026
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 50 ml
ApprovedBy: akmal
ApproveDate: 07/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16715	e-Caprolactum	.5 g	NEAT neat	10000 ppm
16720	1,2,4,5-Tetrachlorobenzene	.5 g	NEAT neat	10000 ppm
16717	Atrazine	.5 g	NEAT neat	10000 ppm
16721	Acetophenone	.5 g	NEAT neat	10000 ppm
16716	Diphenyl Ether	.5 g	NEAT neat	10000 ppm
16086	1- Methylnaphathalene	.5 g	NEAT neat	10000 ppm
15328	1,4-Dioxane	.5 g	NEAT neat	10000 ppm
16733	Acetone, OmniSolv	50 ml	neat neat	

Veritech Lot Number: V-444918

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#2A
Prep Date: 7/27/2025
Expiration Date: 7/27/2026
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 25 ml
ApprovedBy: akmal
ApproveDate: 07/29/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16699	Carbazole	.25 g	NEAT neat	10000 ppm
16719	Biphenyl	.25 g	NEAT neat	10000 ppm
13496	Octadecane	.25 g	NEAT neat	10000 ppm
14832	n-Decane	.25 g	NEAT neat	10000 ppm
15132	PYRIDINE	.25 g	NEAT neat	10000 ppm
16718	1,4-Dimethylnaphthalene	.263 g	NEAT neat	10000 ppm
14901	Pentachloroethane	.25 g	NEAT neat	10000 ppm
16733	Acetone, OmniSolv	25 ml	neat neat	

Veritech Lot Number: V-444996

Prepared By: Hamid, Akmal
Description: Benzaldehyde Std (2nd source)
Prep Date: 7/29/2025
Expiration Date: 7/29/2026
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 25 ml
ApprovedBy: akmal
ApproveDate: 07/30/25
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16742	Benzaldehyde	.25 g	NEAT neat	10000 ppm
16733	Acetone, OmniSolv	25 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-452884

Prepared By:	Bis, Yolanta	Department:	Organics	ApprovedBy:	akmal
Description:	CLP SPK (AQ)(DANGER)	BatchNumber:		ApproveDate:	11/19/25
Prep Date:	11/14/2025	Concentration:	2000 ppm	Checked:	Yes
Expiration Date:	5/14/2026	Final Volume:	10 ml		

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-444895	8270 EXTRA MIX#1(2nd Source)(SPK)(Danger)	2 ml	10000 ppm	2000 ppm
v-444918	8270 EXTRA MIX#2A	2 ml	10000 ppm	2000 ppm
v-444996	Benzaldehyde Std (2nd source)	2 ml	10000 ppm	2000 ppm
16905	Acetone	4 ml	neat neat	

Veritech Lot Number: V-453579

Prepared By:	Pierce, Rachel	Department:	Organics	ApprovedBy:	akmal
Description:	BAKED SODUIM SULFAT	BatchNumber:		ApproveDate:	12/01/25
Prep Date:	11/26/2025	Concentration:	4000 G g	Checked:	Yes
Expiration Date:	11/27/2025	Final Volume:	4000 g		

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16676	sodium sulfate		neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-451438

Prepared By:	Pierce, Rachel	Department: OrgPrep	ApprovedBy: akmal
Description:	10 N NaOH	BatchNumber:	ApproveDate: 10/24/25
Prep Date:	10/24/2025	Concentration: 10 N n	Checked: Yes
Expiration Date:	12/3/2025	Final Volume: 9000 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
16545	Sodium Hydroxide Pellets	12000 g	neat neat	
16376	DI H2O	9000 ml		

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 13086

Description: 2-Fluorobiphenyl

ApprovedBy: akmal
ApproveDate: 03/03/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	102741-10G	MKCK0527	03/03/20	08/31/30	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 13496

Description: Octadecane

ApprovedBy: akmal
ApproveDate: 09/11/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	O652-25G	MKCG6046	09/11/20	09/11/30	Hamid, Akmal	1	25G	NEAT	NEAT

Veritech Control/Receipt Number: 13897

Description: Acenaphthene-d10

ApprovedBy: akmal
ApproveDate: 04/28/21
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL	DLM-108-0	PR-30913	04/23/21	08/16/29	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 14128

Description: Nitrobenzene-d5

ApprovedBy: akmal
ApproveDate: 08/16/21
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	151955-5G	MBBC9660	08/12/21	12/31/28	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 14832

Description: n-Decane

ApprovedBy: akmal
ApproveDate: 09/19/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem-Service	N-12526-1G	13449800	09/19/22	04/30/27	Hamid, Akmal	2	1G	NEAT	NEAT

Veritech Control/Receipt Number: 14864

Description: Methylene Chloride Optima-4L

ApprovedBy: akmal
ApproveDate: 09/29/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Fisher Chemical	D151-4	223493	09/28/22	08/31/27	Hamid, Akmal	4	4L	NEAT	NEAT

Veritech Control/Receipt Number: 14867

Description: 4,4-DDT

ApprovedBy: akmal
ApproveDate: 10/05/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
SUPELCO	31041-100MG	BCCH5458	10/05/22	03/31/27	Hamid, Akmal	2	100M	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 14901

Description: Pentachloroethane

ApprovedBy: akmal
ApproveDate: 10/20/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	P2000-5ML-A	MKCM0117	10/19/22	10/19/27	Hamid, Akmal	1	5ML	NEAT	NEAT

Veritech Control/Receipt Number: 15082

Description: 1,4-Dioxane-D8

ApprovedBy: akmal
ApproveDate: 04/28/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL, Inc.	DLM-28-0	I-26030A	02/06/23	05/18/31	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 15083

Description: 1,4-Dichlorobenzene-d4

ApprovedBy: akmal
ApproveDate: 04/28/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL, Inc.	DLM-268-0	PR-30447	02/06/23	12/05/28	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 15272

Description: DDT- Endrin Mix

ApprovedBy: akmal
ApproveDate: 05/12/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	48282	LRAD4476	05/12/23	03/31/26	Hamid, Akmal	3	1ML	500	PPM

Veritech Control/Receipt Number: 15328

Description: 1,4-Dioxane

ApprovedBy: akmal
ApproveDate: 05/30/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	PHR1549-3X1.2ML	LRAD2316	05/30/23	10/31/26	Hamid, Akmal	3	1ML	NEAT	NEAT

Veritech Control/Receipt Number: 15450

Description: 4,4'-DDE

ApprovedBy: akmal
ApproveDate: 08/15/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	35487-10MG	BCCH4254	08/15/23	03/31/27	Hamid, Akmal	1	100M	NEAT	NEAT

Veritech Control/Receipt Number: 15702

Description: Benzidine Mix

ApprovedBy: akmal
ApproveDate: 01/17/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Restek	31834	A0205553	01/17/24	07/31/28	Hamid, Akmal	1	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 15704

Description: EPA 8270 Phenoles Mix

ApprovedBy: akmal
ApproveDate: 01/18/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	47377	LRAD17111	01/18/24	09/30/25	Hamid, Akmal	1	1ml	2000	PPM

Veritech Control/Receipt Number: 15707

Description: Benzoic Acid

ApprovedBy: akmal
ApproveDate: 01/18/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Accu Standard	Z-014D-1	222051243	01/18/24	05/17/32	Hamid, Akmal	2	1ML	2000	PPM

Veritech Control/Receipt Number: 15897

Description: Naphthalene-D8

ApprovedBy: akmal
ApproveDate: 04/22/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL	DLM-365-0	PR-30164/121418NP	04/19/24	01/04/29	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 15898

Description: Phenanthrene-D10

ApprovedBy: akmal
ApproveDate: 04/22/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL	DLM-371-0	PR-34099	04/19/24	06/23/33	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 15899

Description: Chrysene-D12

ApprovedBy: akmal
ApproveDate: 04/22/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL	DLM-261-0	PR-33506	04/19/24	11/30/32	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 15900

Description: Perylene-D12

ApprovedBy: akmal
ApproveDate: 04/22/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
CIL	DLM-366-0	PR-33205	04/19/24	03/23/32	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 16050

Description: EPA TCL Benzidine Mix

ApprovedBy: akmal
ApproveDate: 06/14/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	48906	LRAD7993	06/14/24	01/31/27	Hamid, Akmal	1	1ML	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16084

Description: EPA TCL Benzidines Mix

ApprovedBy: akmal
ApproveDate: 07/08/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	48906	LRAD7993	07/08/24	01/31/27	Hamid, Akmal	2	1ML	2000	PPM

Veritech Control/Receipt Number: 16125

Description: Phenolics Mix

ApprovedBy: akmal
ApproveDate: 08/13/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Spexcertiprep	CLPS-A	NSI240730502	08/13/24	07/31/27	Hamid, Akmal	4	2.1ML	2000	PPM

Veritech Control/Receipt Number: 16551

Description: DFTPP STD

ApprovedBy: akmal
ApproveDate: 04/28/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	442543	LRAE0787	04/28/25	03/31/28	Hamid, Akmal	2	100M	NEAT	NEAT

Veritech Control/Receipt Number: 16673

Description: Acetone

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/EMD	AX0116-1	65066	06/19/25	06/18/30	Cajuste, Pierre	48	4 L	Neat	Neat

Veritech Control/Receipt Number: 16683

Description: 2-Fluorophenol

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	F12804-100G	STBK17	06/24/25	03/31/35	Hamid, Akmal	1	100G	NEAT	NEAT

Veritech Control/Receipt Number: 16684

Description: p-Terphenyl-d14

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	364630	MBBD6075	06/24/25	04/07/28	Hamid, Akmal	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 16685

Description: 2,4,6-Tribromophenol

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	137715	MKCJ7664	06/24/25	04/30/35	Hamid, Akmal	1	100G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16686

Description: Phenol-2,3,4,5,6-d5

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	425370	MBBC5662	06/24/25	11/30/30	Hamid, Akmal	2	1G	NEAT	NEAT

Veritech Control/Receipt Number: 16715

Description: e-Caprolactum

ApprovedBy: akmal
ApproveDate: 07/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma - Aldrich	C2204-5G	BCCL2474	07/11/25	12/15/33	Hamid, Akmal	1	250G	NEAT	NEAT

Veritech Control/Receipt Number: 16716

Description: Diphenyl Ether

ApprovedBy: akmal
ApproveDate: 07/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma - Aldrich	240834	SHBR3271	07/11/25	12/04/33	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 16717

Description: Atrazine

ApprovedBy: akmal
ApproveDate: 07/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma - Aldrich	45330	BCCH0564	07/11/25	01/31/27	Hamid, Akmal	4	250M	NEAT	NEAT

Veritech Control/Receipt Number: 16718

Description: 1,4-Dimethylnaphthalene

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	D170305	STBJ8525	07/14/25	01/07/31	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 16719

Description: Biphenyl

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	35800	BCCL4561	07/14/25	01/31/29	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 16720

Description: 1,2,4,5-Tetrachlorobenzene

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	131857	MKCX2166	07/14/25	01/29/35	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16721

Description: Acetophenone

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	42163	BCCK5233	07/14/25	05/31/27	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 16733

Description: Acetone, OmniSolv

ApprovedBy: akmal
ApproveDate: 07/25/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/emd	AX0116-1	65073	07/24/25	07/23/30	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 16741

Description: 4,4'-DDD

ApprovedBy: akmal
ApproveDate: 07/30/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	35486	BCCN004	07/29/25	02/28/30	Hamid, Akmal	1	250M	NEAT	NEAT

Veritech Control/Receipt Number: 16742

Description: Benzaldehyde

ApprovedBy: akmal
ApproveDate: 07/30/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	418099	SHBQ5592	07/29/25	04/14/34	Hamid, Akmal	1	100M	NEAT	NEAT

Veritech Control/Receipt Number: 16750

Description: 8270 MegaMix

ApprovedBy: akmal
ApproveDate: 08/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Restek	31850	A0225629	08/08/25	03/31/26	Hamid, Akmal	2	1ML	1000	PPM

Veritech Control/Receipt Number: 16752

Description: Benzoic Acid Mix

ApprovedBy: akmal
ApproveDate: 08/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Restek	31879	A0228297	08/08/25	07/31/29	Hamid, Akmal	2	1ML	2000	PPM

Veritech Control/Receipt Number: 16790

Description: 8270 MegaMix STD

ApprovedBy: akmal
ApproveDate: 08/27/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Restek	31850	A0228722	08/19/25	06/30/26	Hamid, Akmal	2	1ML	1000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16857

Description: Acid Composite Mixture

ApprovedBy: akmal
ApproveDate: 09/29/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	225071526	09/26/25	07/25/28	Revolus, Jean	15	1ml	2000	PPM

Veritech Control/Receipt Number: 16858

Description: Base/Neutral Composite Mix

ApprovedBy: akmal
ApproveDate: 09/29/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-BN-PAK	225051334	09/26/25	06/23/26	Revolus, Jean	15	1ml	2000	PPM

Veritech Control/Receipt Number: 16859

Description: Toxic Substances Mix #2

ApprovedBy: akmal
ApproveDate: 09/29/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
ACCUSTANDAR	Z-014E-PAK	225031006	09/26/25	04/06/27	Revolus, Jean	15	1ml	2000	PPM

Veritech Control/Receipt Number: 16983

Description: Dichloromethane

ApprovedBy: akmal
ApproveDate: 11/19/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Tedia	DA1431	25020263	11/17/25	08/01/27	Cajuste, Pierre	40	4 L	Neat	Neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 13086

Description: 2-Fluorobiphenyl

ApprovedBy: akmal
ApproveDate: 03/03/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Aldrich	102741-10G	MKCK0527	03/03/20	08/31/30	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 13496

Description: Octadecane

ApprovedBy: akmal
ApproveDate: 09/11/20
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	O652-25G	MKCG6046	09/11/20	09/11/30	Hamid, Akmal	1	25G	NEAT	NEAT

Veritech Control/Receipt Number: 14128

Description: Nitrobenzene-d5

ApprovedBy: akmal
ApproveDate: 08/16/21
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	151955-5G	MBBC9660	08/12/21	12/31/28	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 14832

Description: n-Decane

ApprovedBy: akmal
ApproveDate: 09/19/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem-Service	N-12526-1G	13449800	09/19/22	04/30/27	Hamid, Akmal	2	1G	NEAT	NEAT

Veritech Control/Receipt Number: 14901

Description: Pentachloroethane

ApprovedBy: akmal
ApproveDate: 10/20/22
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	P2000-5ML-A	MKCM0117	10/19/22	10/19/27	Hamid, Akmal	1	5ML	NEAT	NEAT

Veritech Control/Receipt Number: 15132

Description: PYRIDINE

ApprovedBy: jessica
ApproveDate: 03/02/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
POST APPLE SC	LS-1580058	230213-A	02/27/23	07/12/27	Trivedi, Beena	1	500 M	NEAT	NEAT

Veritech Control/Receipt Number: 15328

Description: 1,4-Dioxane

ApprovedBy: akmal
ApproveDate: 05/30/23
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	PHR1549-3X1.2ML	LRAD2316	05/30/23	10/31/26	Hamid, Akmal	3	1ML	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16086

Description: 1- Methylnaphthalene

ApprovedBy: akmal
ApproveDate: 07/08/24
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco	45795	BCCG1529	07/08/24	09/30/26	Hamid, Akmal	3	250M	NEAT	NEAT

Veritech Control/Receipt Number: 16673

Description: Acetone

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/EMD	AX0116-1	65066	06/19/25	06/18/30	Cajuste, Pierre	48	4 L	Neat	Neat

Veritech Control/Receipt Number: 16676

Description: sodium sulfate

ApprovedBy: userorg
ApproveDate: 06/20/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Allan Corp	6399E	436102	06/20/25	06/19/30	Lopez, Jose	1	100L	neat	neat

Veritech Control/Receipt Number: 16683

Description: 2-Fluorophenol

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	F12804-100G	STBK17	06/24/25	03/31/35	Hamid, Akmal	1	100G	NEAT	NEAT

Veritech Control/Receipt Number: 16684

Description: p-Terphenyl-d14

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	364630	MBBD6075	06/24/25	04/07/28	Hamid, Akmal	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 16685

Description: 2,4,6-Tribromophenol

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	137715	MKCJ7664	06/24/25	04/30/35	Hamid, Akmal	1	100G	NEAT	NEAT

Veritech Control/Receipt Number: 16686

Description: Phenol-2,3,4,5,6-d5

ApprovedBy: akmal
ApproveDate: 06/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Millipore Sigma	425370	MBBC5662	06/24/25	11/30/30	Hamid, Akmal	2	1G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16699

Description: Carbazole

ApprovedBy: akmal
ApproveDate: 06/30/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Chem Service IN	N-11403-1G	16251400	06/30/25	11/30/29	Hamid, Akmal	2	1G	NEAT	NEAT

Veritech Control/Receipt Number: 16715

Description: e-Caprolactum

ApprovedBy: akmal
ApproveDate: 07/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma - Aldrich	C2204-5G	BCCL2474	07/11/25	12/15/33	Hamid, Akmal	1	250G	NEAT	NEAT

Veritech Control/Receipt Number: 16716

Description: Diphenyl Ether

ApprovedBy: akmal
ApproveDate: 07/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma - Aldrich	240834	SHBR3271	07/11/25	12/04/33	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 16717

Description: Atrazine

ApprovedBy: akmal
ApproveDate: 07/11/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma - Aldrich	45330	BCCH0564	07/11/25	01/31/27	Hamid, Akmal	4	250M	NEAT	NEAT

Veritech Control/Receipt Number: 16718

Description: 1,4-Dimethylnaphthalene

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	D170305	STBJ8525	07/14/25	01/07/31	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 16719

Description: Biphenyl

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	35800	BCCL4561	07/14/25	01/31/29	Hamid, Akmal	1	1G	NEAT	NEAT

Veritech Control/Receipt Number: 16720

Description: 1,2,4,5-Tetrachlorobenzene

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	131857	MKCX2166	07/14/25	01/29/35	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16721

Description: Acetophenone

ApprovedBy: akmal
ApproveDate: 07/14/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma-Aldrich	42163	BCCK5233	07/14/25	05/31/27	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 16733

Description: Acetone, OmniSolv

ApprovedBy: akmal
ApproveDate: 07/25/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/emd	AX0116-1	65073	07/24/25	07/23/30	Lopez, Jose	48	4L	neat	neat

Veritech Control/Receipt Number: 16742

Description: Benzaldehyde

ApprovedBy: akmal
ApproveDate: 07/30/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Sigma Aldrich	418099	SHBQ5592	07/29/25	04/14/34	Hamid, Akmal	1	100M	NEAT	NEAT

Veritech Control/Receipt Number: 16905

Description: Acetone

ApprovedBy: akmal
ApproveDate: 10/17/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Supelco/emd	AX0116-1	65220	10/16/25	10/15/30	Lopez, Jose	48	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 16376

Description: DI H2O

ApprovedBy:
ApproveDate:
Checked: No

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
EVOQUA	1	1	01/13/25	10/24/25	Cousineau, Paul	1			

Veritech Control/Receipt Number: 16545

Description: Sodium Hydroxide Pellets

ApprovedBy: akmal
ApproveDate: 04/24/25
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume/ Cont	Conc:	Units:
Lab Sales Service	LS-2000115	240301-B077875	04/22/25	01/31/28	Lopez, Jose	2	12kg	neat	neat

Hampton-Clarke
Analytical & Field Services

Last Page of Report



Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2576049

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Project Name: LIRR-NPY-RHY
Project Number: 000639300

Lab Number: L2576049
Report Date: 12/12/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2576049-01	TRC-IA-11	AIR	LIRR-NORRIS PARK YARD	11/25/25 15:11	11/26/25
L2576049-02	TRC-IA-12	AIR	LIRR-NORRIS PARK YARD	11/25/25 15:11	11/26/25
L2576049-03	TRC-AA-01	AIR	LIRR-NORRIS PARK YARD	11/25/25 15:12	11/26/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on November 21, 2025. The canister certification data is provided as an addendum.

The WG2152814-3 LCS recoveries for tert-butyl alcohol (61%) are below the 70%-130% acceptance limit. Detections for these anaytes may be biased low.

The WG2152814-3 LCS recovery associated with L2576049-01 through -03 is above the upper 130% acceptance limit for trans-1,3-dichloropropene (143%). All samples associated with this LCS do not have reportable amounts of this analyte.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J Anderson Report Date: 12/15/25

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND or U - Not detected at the reporting limit (RL) for the sample.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2576049

Account Name : TRC Environmental Corp
Project Number : 000639300
Project Name : LIRR-NPY-RHY

Received : 26-NOV-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Jan 28 2026, 05:41 pm

Login Number: L2576049
Account: TRC-NY TRC Environmental CorpProject: 000639300
Received: 26NOV25 Due Date: 12DEC25

Sample #	Client ID	Mat	PR	Collected
L2576049-01	TRC-IA-11	10	S0	25NOV25 15:11
TO15 SIM for 7 NYS DMCs ASP-B Package Due Date: 01/29/26				
ASP-B,CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM				
L2576049-02	TRC-IA-12	10	S0	25NOV25 15:11
TO15 SIM for 7 NYS DMCs Package Due Date: 01/29/26				
CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM				
L2576049-03	TRC-AA-01	10	S0	25NOV25 15:12
TO15 SIM for 7 NYS DMCs Package Due Date: 01/29/26				
CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM				

Logged By: Christopher J Anderson

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 11/27/25

Pace® Job #: L25X6049

Client Information

Client: TRC ENGINEERS
Address: 1409 BROADWAY NEW YORK 10018
Phone: 212-221-7822
~~Fax~~: CLAMBERTSEN@TRCCOMPANIES.COM
Email: ~~DWARGNE@TRCCOMPANIES.COM~~

☐ These samples have been previously analyzed by Pace

Project Information

Project Name: URR-MR-RHY
Project Location: URR - NORTH PARK, MD
Project #: 639300
Project Manager: CALEB LAMBERTSON
Pace® Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum VOCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
76049-01	TRC-IA-11	11/25/25	0800	1514	-30.75	8.95	AA	[illegible]	6L	5171	1353	X						USE C64
-02	TRC-IA-12	11/25/25	0800	1511	-30.73	9.38	AA	[illegible]	6L	3384	FIP	X						COMPOUND LIST)
-03	TRC-AA-01	11/24/25	0800	1512	-30.46	8.38	AA	[illegible]	6L	2202	3238	X						LOW DETECTION LIMITS

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
JOE MENNITI	11/24/25	Oman Pace	11/24/25 9:50
Oman Pace	11:26/25 14:20	Paul Mazzella	11/26/25 1605
Paul Mazzella	11/26/25	[illegible]	11/26/25 2130
[illegible]	11/27/25 0750	[illegible]	11/27/25 0750

Form No: 101-02 Rev: (25-Sep-15)

Supporting Documentation

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2576049-01	TRC-IA-11	01353	Flow 5	11/21/25	545078		-	-	-	Pass	10.1	10.6	5
L2576049-01	TRC-IA-11	5171	6.0L Can	11/21/25	545078	L2573539-01	Pass	-29.4	-7.9	-	-	-	-
L2576049-02	TRC-IA-12	01919	Flow 5	11/21/25	545078		-	-	-	Pass	10.1	10.2	1
L2576049-02	TRC-IA-12	3384	6.0L Can	11/21/25	545078	L2573539-01	Pass	-29.4	-8.3	-	-	-	-
L2576049-03	TRC-AA-01	03238	Flow 4	11/21/25	545078		-	-	-	Pass	10.1	10.8	7
L2576049-03	TRC-AA-01	2522	6.0L Can	11/21/25	545078	L2573539-01	Pass	-29.4	-7.4	-	-	-	-

Air Canister Certification Results

Lab ID: L2573539-01
Client ID: CAN 5898 SHELF 123
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/19/25 00:51
Analyst: KMH

Date Collected: 11/18/25 16:00
Date Received: 11/18/25
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Air Canister Certification Results

Lab ID: L2573539-01 Date Collected: 11/18/25 16:00
Client ID: CAN 5898 SHELF 123 Date Received: 11/18/25
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Air Canister Certification Results

Lab ID: L2573539-01 Date Collected: 11/18/25 16:00
Client ID: CAN 5898 SHELF 123 Date Received: 11/18/25
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1

Air Canister Certification Results

Lab ID: L2573539-01 Date Collected: 11/18/25 16:00
Client ID: CAN 5898 SHELF 123 Date Received: 11/18/25
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name:	BATCH CANISTER CERTIFICATION	***Lab Number:***	L2573539
Project Number:	CANISTER QC BAT	***Report Date:***	12/12/25

Air Canister Certification Results

Lab ID:	L2573539-01	Date Collected:	11/18/25 16:00
Client ID:	CAN 5898 SHELF 123	Date Received:	11/18/25
Sample Location:		Field Prep:	Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Air Canister Certification Results

Lab ID: L2573539-01
Client ID: CAN 5898 SHELF 123
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/19/25 00:51
Analyst: KMH

Date Collected: 11/18/25 16:00
Date Received: 11/18/25
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Air Canister Certification Results

Lab ID: L2573539-01 Date Collected: 11/18/25 16:00
Client ID: CAN 5898 SHELF 123 Date Received: 11/18/25
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Air Canister Certification Results

Lab ID: L2573539-01 Date Collected: 11/18/25 16:00
Client ID: CAN 5898 SHELF 123 Date Received: 11/18/25
Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	100		60-140

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3 **Analysis Date** : 12/11/25 15:40	**File ID**	: R237278
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R		True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.3	103					-	70-130	-
Chloromethane	10	10.6	106					-	70-130	-
Freon-114	10	11.1	111					-	70-130	-
Vinyl chloride	10	10.9	109					-	70-130	-
1,3-Butadiene	10	10.9	109					-	70-130	-
Bromomethane	10	11.2	112					-	70-130	-
Chloroethane	10	11.2	112					-	70-130	-
Ethanol	50	40.1	80					-	40-160	-
Vinyl bromide	10	9.89	99					-	70-130	-
Acetone	50	49.5	99					-	40-160	-
Trichlorofluoromethane	10	9.32	93					-	70-130	-
Isopropanol	25	20.3	81					-	40-160	-
1,1-Dichloroethene	10	11.0	110					-	70-130	-
Tertiary butyl Alcohol	10	6.13	61	Q				-	70-130	-
Methylene chloride	10	9.94	99					-	70-130	-
3-Chloropropene	10	9.80	98					-	70-130	-
Carbon disulfide	10	10.2	102					-	70-130	-
Freon-113	10	9.44	94					-	70-130	-
trans-1,2-Dichloroethene	10	10.3	103					-	70-130	-
1,1-Dichloroethane	10	10.2	102					-	70-130	-
Methyl tert butyl ether	10	9.73	97					-	70-130	-
2-Butanone	10	9.93	99					-	70-130	-
cis-1,2-Dichloroethene	10	10.2	102					-	70-130	-
Ethyl Acetate	10	10.9	109					-	70-130	-
Chloroform	10	9.56	96					-	70-130	-
Tetrahydrofuran	10	10.2	102					-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3 **Analysis Date** : 12/11/25 15:40	**File ID**	: R237278
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.66	97				-	70-130	-
n-Hexane	10	12.4	124				-	70-130	-
1,1,1-Trichloroethane	10	10.6	106				-	70-130	-
Benzene	10	11.6	116				-	70-130	-
Carbon tetrachloride	10	10.3	103				-	70-130	-
Cyclohexane	10	12.2	122				-	70-130	-
1,2-Dichloropropane	10	12.4	124				-	70-130	-
Bromodichloromethane	10	12.0	120				-	70-130	-
1,4-Dioxane	10	11.8	118				-	70-130	-
Trichloroethene	10	10.2	102				-	70-130	-
2,2,4-Trimethylpentane	10	12.5	125				-	70-130	-
Heptane	10	12.2	122				-	70-130	-
cis-1,3-Dichloropropene	10	12.9	129				-	70-130	-
4-Methyl-2-pentanone	10	11.9	119				-	70-130	-
trans-1,3-Dichloropropene	10	14.3	143 Q				-	70-130	-
1,1,2-Trichloroethane	10	11.3	113				-	70-130	-
Toluene	10	11.0	110				-	70-130	-
2-Hexanone	10	11.3	113				-	70-130	-
Dibromochloromethane	10	11.0	110				-	70-130	-
1,2-Dibromoethane	10	11.4	114				-	70-130	-
Tetrachloroethene	10	9.47	95				-	70-130	-
Chlorobenzene	10	10.8	108				-	70-130	-
Ethylbenzene	10	11.0	110				-	70-130	-
p/m-Xylene	20	22.2	111				-	70-130	-
Bromoform	10	9.97	100				-	70-130	-
Styrene	10	11.0	110				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3 **Analysis Date** : 12/11/25 15:40	**File ID**	: R237278
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,1,2,2-Tetrachloroethane	10	11.8	118				-	70-130	-
o-Xylene	10	11.2	112				-	70-130	-
4-Ethyltoluene	10	11.3	113				-	70-130	-
1,3,5-Trimethylbenzene	10	11.5	115				-	70-130	-
1,2,4-Trimethylbenzene	10	11.9	119				-	70-130	-
Benzyl chloride	10	10.4	104				-	70-130	-
1,3-Dichlorobenzene	10	11.7	117				-	70-130	-
1,4-Dichlorobenzene	10	12.3	123				-	70-130	-
1,2-Dichlorobenzene	10	11.9	119				-	70-130	-
1,2,4-Trichlorobenzene	10	11.2	112				-	70-130	-
Naphthalene	10	10.4	104				-	70-130	-
Hexachlorobutadiene	10	10.4	104				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab Sample ID	: WG2152814-4	**Lab File ID**	: R237280
Instrument ID	: AIRLAB23		
Matrix	: AIR	**Analysis Date**	: 12/11/25 19:28

Client Sample No.	Lab Sample ID	Analysis Date
WG2152814-3LCS	WG2152814-3	12/11/25 15:40
TRC-AA-01	L2576049-03	12/11/25 20:48
IA-05_20251209DUP	WG2152814-5	12/12/25 01:41
TRC-IA-11	L2576049-01	12/12/25 02:23
TRC-IA-12	L2576049-02	12/12/25 03:05

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Instrument ID	: AIRLAB23	**Analysis Date**	: 11/21/25 20:09
Tune Standard	: WG2145605-1	**Tune File ID**	: R236980_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	15.7
75	30.0 - 66.0% of mass 95	47.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (.8)1
174	50.0 - 120.0% of mass 95	104
175	4.0 - 9.0% of mass 174	7.5 (7.2)1
176	93.0 - 101% of mass 174	101.8 (97.9)1
177	5.0 - 9.0% of mass 176	6.5 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R2039932-2	R236984	11/21/25 22:35
STD0.5	R2039932-1	R236985	11/21/25 23:14
STD1.0	R2039932-3	R236986	11/21/25 23:55
STD5.0	R2039932-4	R236987	11/22/25 00:33
STD010	R2039932-5	R236988	11/22/25 01:14
STD020	R2039932-6	R236989	11/22/25 01:52
STD050	R2039932-7	R236990	11/22/25 02:30
STD100	R2039932-8	R236991	11/22/25 03:11
ICV QUANT	R2039932-9	R236994	11/22/25 05:16

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Instrument ID	: AIRLAB23	**Analysis Date**	: 12/11/25 13:39
Tune Standard	: WG2152814-1	**Tune File ID**	: R237275_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	17.3
75	30.0 - 66.0% of mass 95	50.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1)1
174	50.0 - 120.0% of mass 95	91.5
175	4.0 - 9.0% of mass 174	7 (7.7)1
176	93.0 - 101% of mass 174	90.4 (98.7)1
177	5.0 - 9.0% of mass 176	5.9 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2152814-2CCAL	WG2152814-2	R237278	12/11/25 15:40
WG2152814-3LCS	WG2152814-3	R237278	12/11/25 15:40
WG2152814-4BLANK	WG2152814-4	R237280	12/11/25 19:28
TRC-AA-01	L2576049-03	R237282	12/11/25 20:48
WG2152814-5DUP	WG2152814-5	R237289	12/12/25 01:41
TRC-IA-11	L2576049-01	R237290	12/12/25 02:23
TRC-IA-12	L2576049-02	R237291	12/12/25 03:05

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Instrument ID	: AIRLAB23	**Analysis Date**	: 12/11/25 15:40:00
Sample No	: WG2152814-2	**Lab File ID**	: R237278

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2152814-2	166247	8.87	589128	11.06	84733	15.74
Upper Limit	232746	9.20	824779	11.39	118626	16.07
Lower Limit	99748	8.54	353477	10.73	50840	15.41
Sample ID						
WG2152814-3 LCS	166247	8.87	589128	11.06	84733	15.74
WG2152814-4 BLANK	174725	8.87	650006	11.05	94036	15.74
TRC-AA-01	150263	8.88	559893	11.06	84580	15.73
IA-05_20251209 DUP	147343	8.88	530390	11.06	76022	15.73
TRC-IA-11	144632	8.87	506445	11.05	80167	15.74
TRC-IA-12	147315	8.86	509722	11.06	75927	15.73

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0614	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.052	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.0582	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0568	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0568	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.1	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0577	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.135	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0544	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0619	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0787	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.0631	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.06	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.0619	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0777	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0826	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0538	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0692	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.099	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0912	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0622	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0634	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.086	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0612	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.0554	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.515	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0643	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0939	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.273	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0689	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0596	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0547	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0465	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0686	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0516	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0649	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0552	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0576	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.0595	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0674	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0728	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

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Created By: Jason Hebert
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0566	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0757	ppbV	70-130			25	25			
Ethyl Alcohol	GCDAI06	5	1.74	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.297	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0575	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0506	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0504	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0607	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	1	0.272	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.125	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.19	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.045	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.226	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.125	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0621	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0621	ppbV				25	25			
Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.0828	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0743	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.135	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0596	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0627	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.052	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.117	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.0867	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0755	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0595	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0783	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0674	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0548	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0787	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.323	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0722	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0582	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.19	0.059	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0743	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.0867	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.152	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0894	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.149	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0508	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0621	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.0575	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.101	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0579	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0463	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.112	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0598	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.113	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0676	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0672	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0761	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.0765	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0429	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0593	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0631	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0731	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0738	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0853	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.0536	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0547	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.0551	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0624	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0567	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0633	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.0536	ppbV	70-130			25	25			
Methanol	67-56-1	5	3.029	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	1.73	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.08	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0737	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0697	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0709	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0591	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0711	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.264	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0891	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.208	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.132	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.259	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-01	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-11	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 02:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237290	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.374	0.200	--	1.85	0.989	--	
74-87-3	Chloromethane	0.479	0.200	--	0.989	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	10.8	5.00	--	20.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.93	1.00	--	16.5	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	1.42	1.00	--	3.49	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.771	0.200	--	2.72	0.705	--	
71-43-2	Benzene	0.451	0.200	--	1.44	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-01	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-11	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 02:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237290	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	0.236	0.200	--	0.812	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.520	0.200	--	2.43	0.934	--	
142-82-5	Heptane	0.285	0.200	--	1.17	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.06	0.200	--	3.99	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.270	0.200	--	1.17	0.869	--	
179601-23-1	p/m-Xylene	0.891	0.400	--	3.87	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.246	0.200	--	1.07	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.249	0.200	--	1.22	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-01	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-11	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 02:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237290	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-02	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-12	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 03:05
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237291	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.423	0.200	--	2.09	0.989	--	
74-87-3	Chloromethane	0.535	0.200	--	1.10	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	12.4	5.00	--	23.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	7.11	1.00	--	16.9	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	1.51	1.00	--	3.71	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.660	0.200	--	2.33	0.705	--	
71-43-2	Benzene	0.435	0.200	--	1.39	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-02	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-12	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 03:05
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237291	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.501	0.200	--	2.34	0.934	--	
142-82-5	Heptane	0.238	0.200	--	0.975	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.08	0.200	--	4.07	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.318	0.200	--	1.38	0.869	--	
179601-23-1	p/m-Xylene	1.04	0.400	--	4.52	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.279	0.200	--	1.21	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.303	0.200	--	1.49	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-02	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-12	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 03:05
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: APR
Lab File ID	: R237291	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-03	Date Collected	: 11/25/25 15:12
Client ID	: TRC-AA-01	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/11/25 20:48
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237282	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.416	0.200	--	2.06	0.989	--	
74-87-3	Chloromethane	0.488	0.200	--	1.01	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.40	1.00	--	5.70	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-03	Date Collected	: 11/25/25 15:12
Client ID	: TRC-AA-01	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/11/25 20:48
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237282	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.236	0.200	--	0.889	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-03	**Date Collected**	: 11/25/25 15:12
Client ID	: TRC-AA-01	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/11/25 20:48
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: APR
Lab File ID	: R237282	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: WG2152814-4	Date Collected	: NA
Client ID	: WG2152814-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/11/25 19:28
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237280	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: WG2152814-4	Date Collected	: NA
Client ID	: WG2152814-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/11/25 19:28
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237280	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: WG2152814-4	Date Collected	: NA
Client ID	: WG2152814-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/11/25 19:28
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237280	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237282.D
Acq On : 11 Dec 2025 08:48 pm
Operator : AIRLAB23:APR
Sample : L2576049-03,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 08:51:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.878	49	150263	10.000	ppbV	0.00
Standard Area = 166247			Recovery =		90.39%	
43) 1,4-difluorobenzene	11.056	114	559893	10.000	ppbV	0.00
Standard Area = 589128			Recovery =		95.04%	
67) chlorobenzene-D5	15.734	54	84580	10.000	ppbV	0.00
Standard Area = 84733			Recovery =		99.82%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.886	85	16920	0.416	ppbV	100
6) chloromethane	4.056	50	5495	0.488	ppbV	97
7) Freon-114	4.155		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.021	31	15852	2.736	ppbV	88
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.525	43	35201	2.399	ppbV #	98
21) trichlorofluoromethane	5.689	101	8071	0.186	ppbV	100
22) isopropyl alcohol	5.812	45	11419	0.739	ppbV	99
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.509	49	1552	0.119	ppbV	93
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.		
31) Freon 113	6.812	101	2051	0.059	ppbV	94
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.245	43	2633	0.141	ppbV #	92
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	9.025		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.943	57	1965	0.132	ppbV #	1
50) benzene	10.651	78	6861	0.168	ppbV	99
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237282.D
Acq On : 11 Dec 2025 08:48 pm
Operator : AIRLAB23:APR
Sample : L2576049-03,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 08:51:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

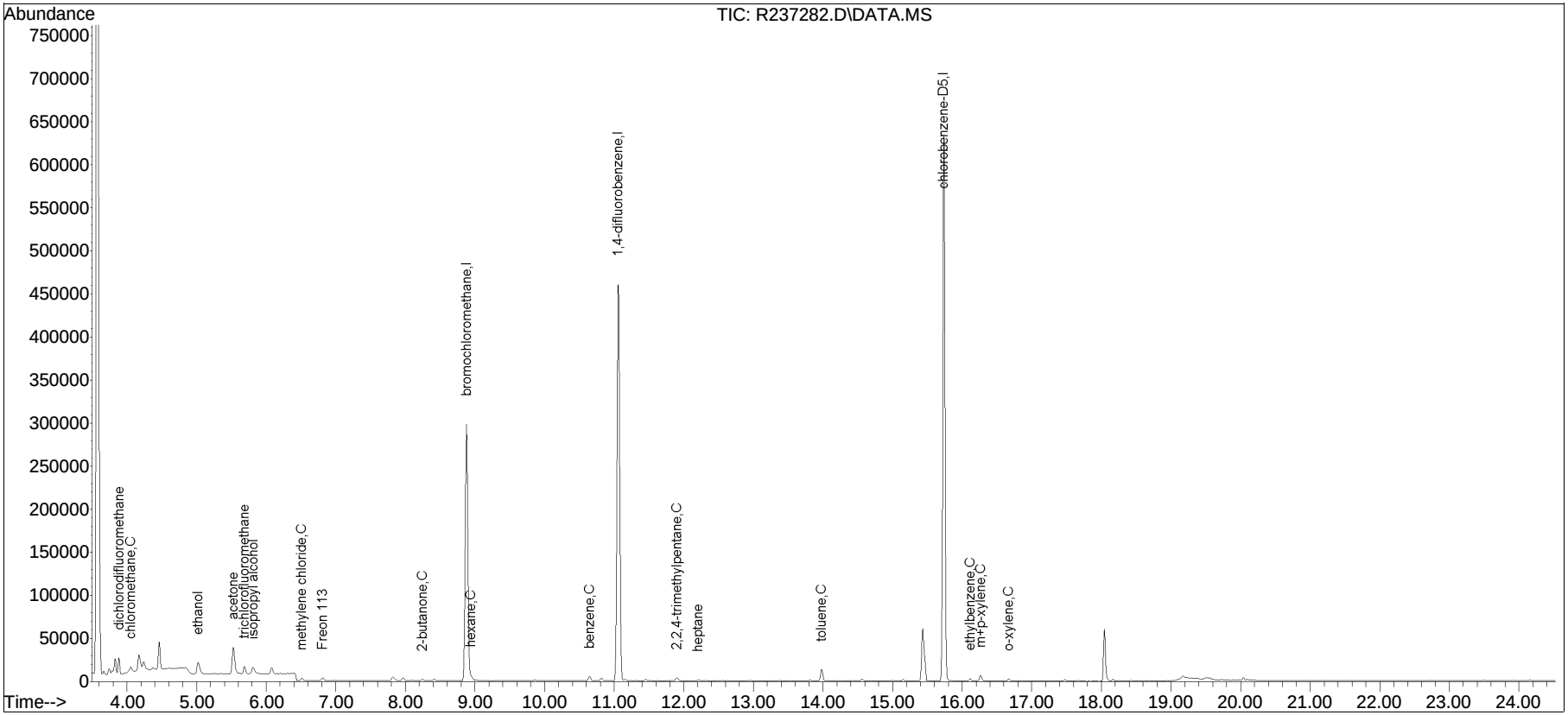
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	11.904	57	4051	0.088	ppbV #	86
62) heptane	12.206	43	573	0.041	ppbV #	79
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	13.979	91	13836	0.236	ppbV	95
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	16.117	91	3569	0.048	ppbV	90
83) m+p-xylene	16.265	91	6971	0.123	ppbV	97
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	16.665	91	2630	0.046	ppbV	96
96) 4-ethyl toluene	17.657		0	N.D.		
97) 1,3,5-trimethylbenzene	17.753		0	N.D.		
99) 1,2,4-trimethylbenzene	18.086		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	18.270		0	N.D.		
103) 1,4-dichlorobenzene	18.270		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	20.091		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

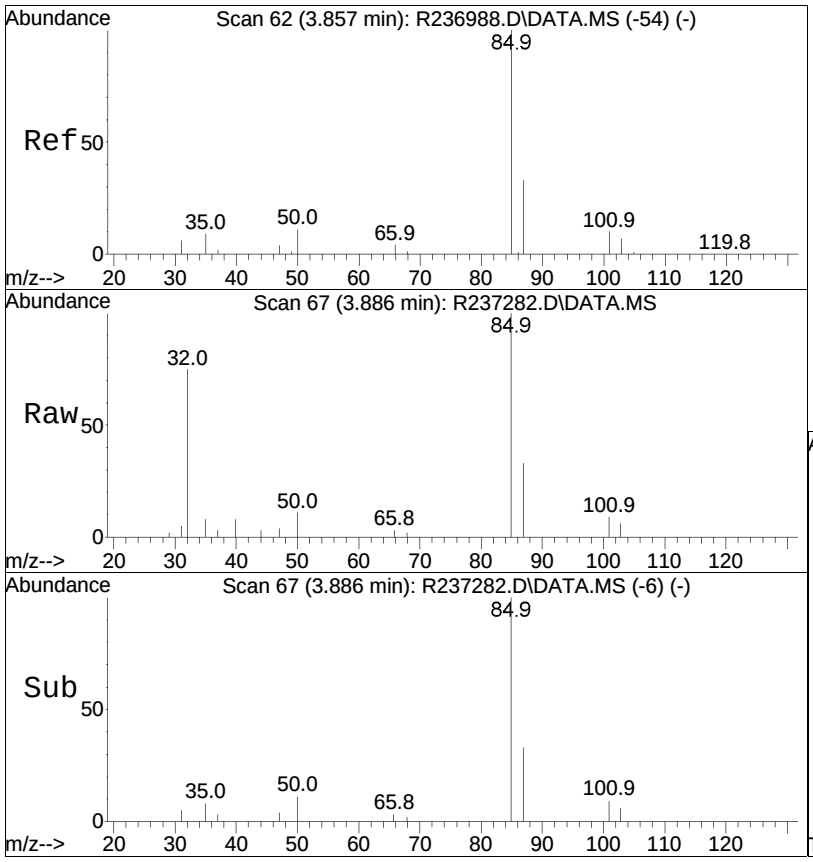
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .3\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237282.D
Acq On : 11 Dec 2025 08:48 pm
Operator : AIRLAB23:APR
Sample : L2576049-03,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 08:51:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

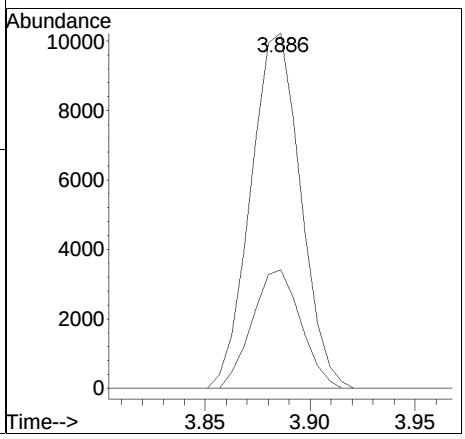


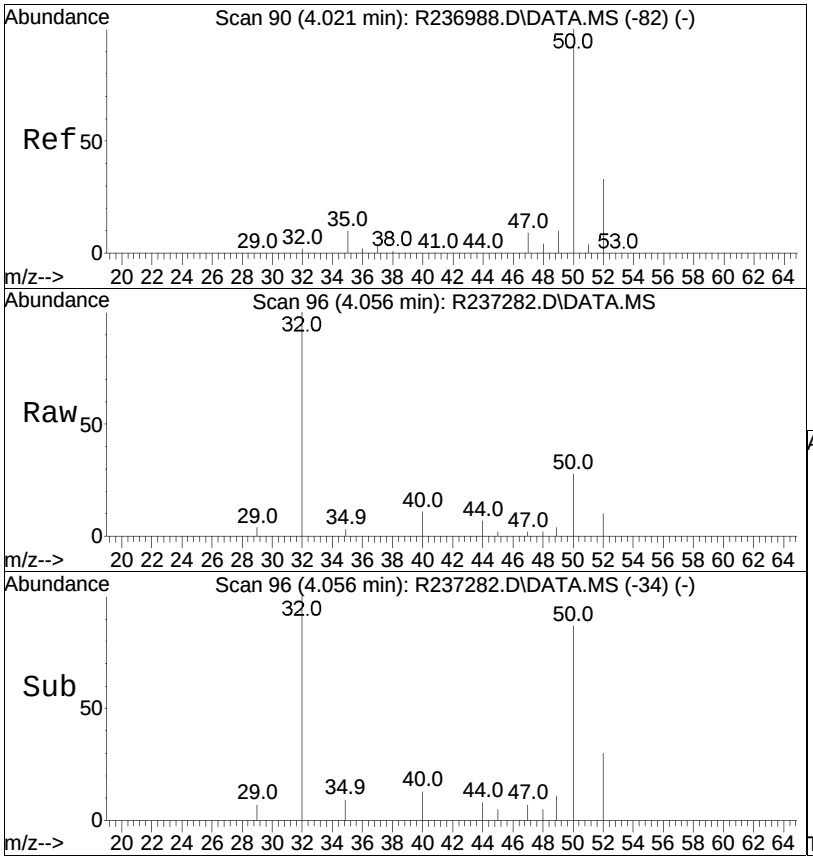


#5
dichlorodifluoromethane
Concen: 0.42 ppbV
RT: 3.886 min Scan# 67
Delta R.T. 0.029 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 85 Resp: 16920

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.8	40.2

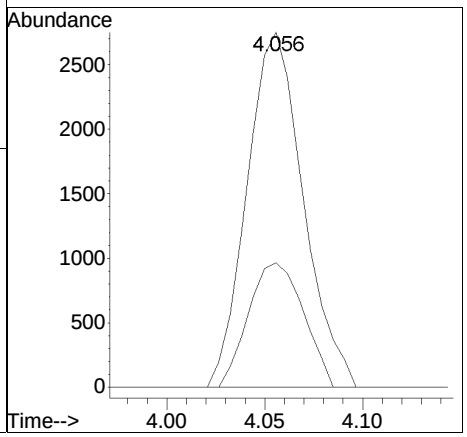


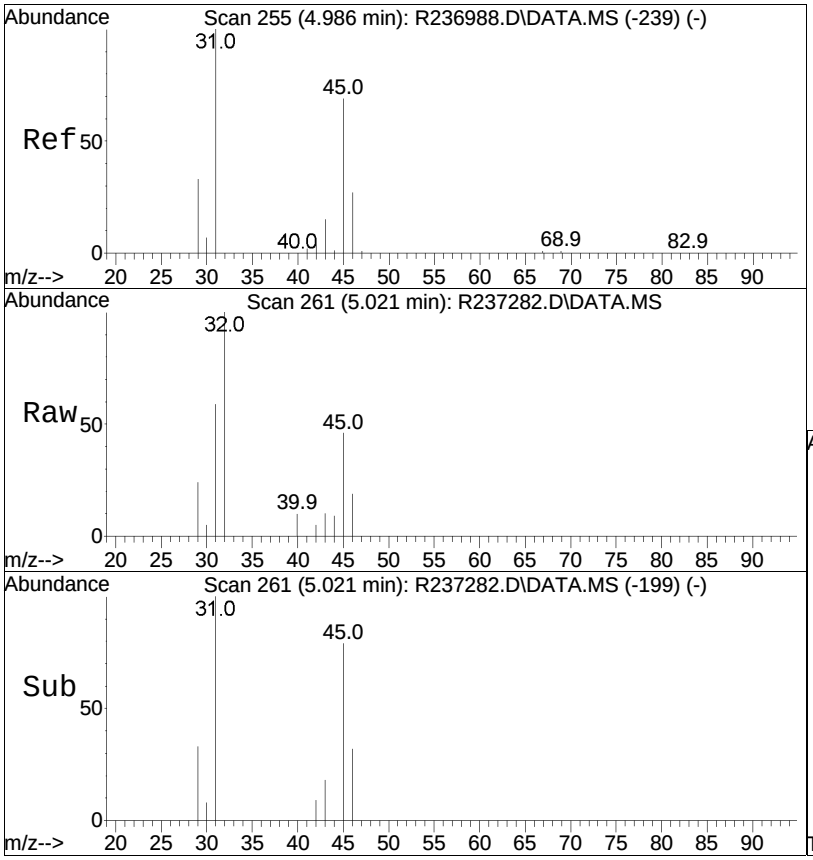


#6
chloromethane
Concen: 0.49 ppbV
RT: 4.056 min Scan# 96
Delta R.T. 0.035 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 50 Resp: 5495

Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.8	40.2

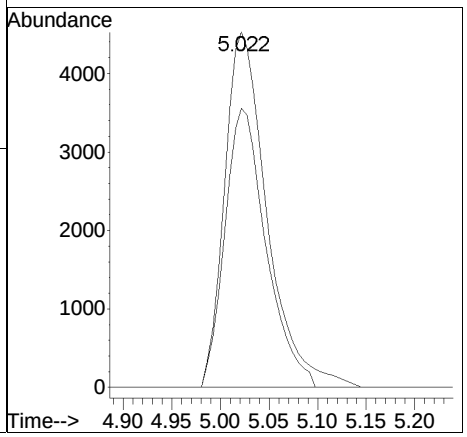


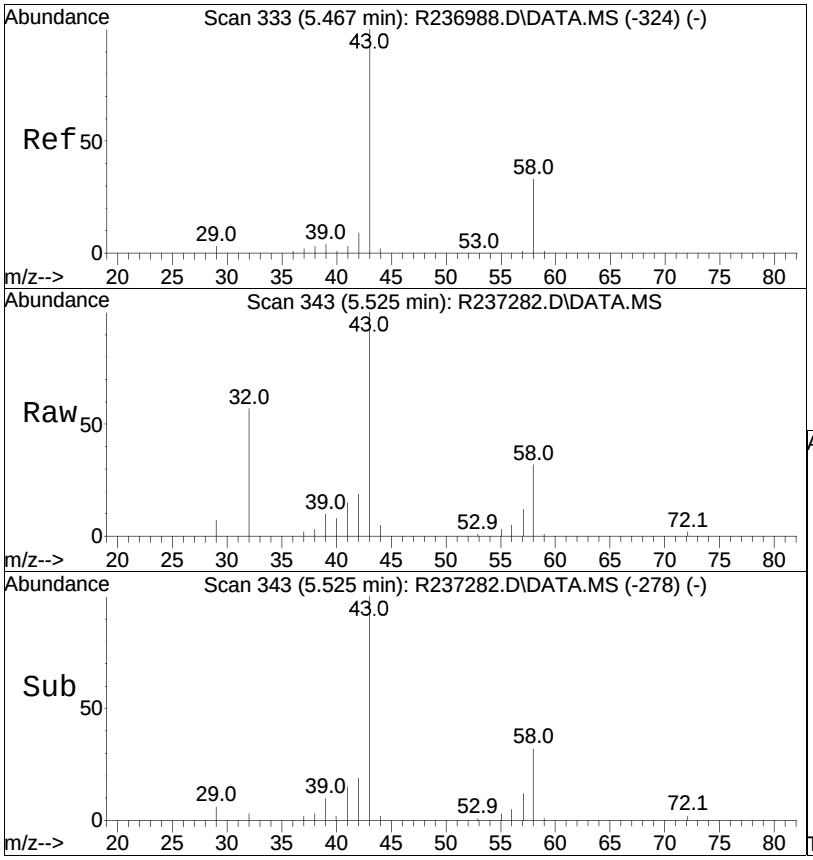


#15
ethanol
Concen: 2.74 ppbV
RT: 5.021 min Scan# 261
Delta R.T. 0.035 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 31 Resp: 15852

Ion	Ratio	Lower	Upper
31	100		
45	78.5	55.0	82.6

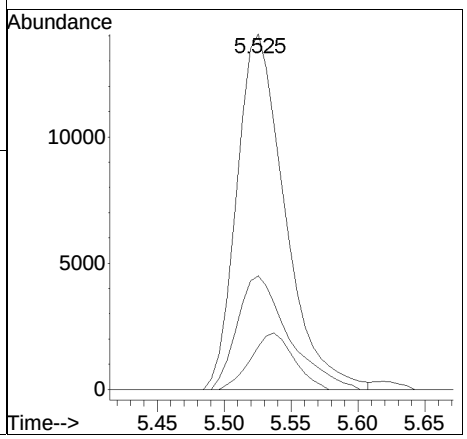


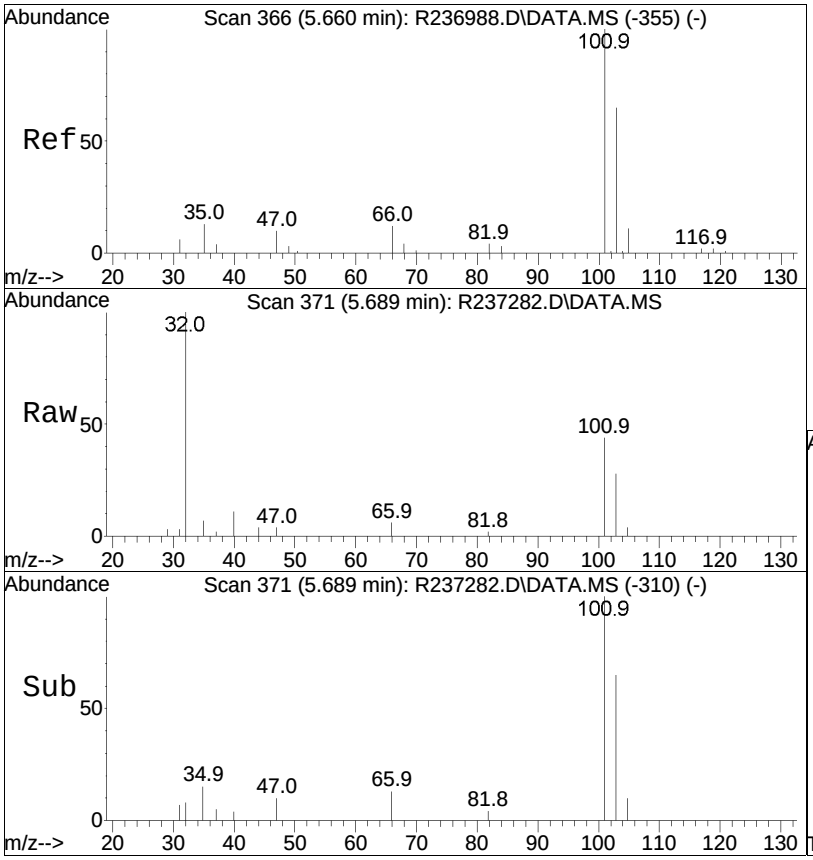


#19
acetone
Concen: 2.40 ppbV
RT: 5.525 min Scan# 343
Delta R.T. 0.058 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 43 Resp: 35201

Ion	Ratio	Lower	Upper
43	100		
58	31.9	26.2	39.4
57	12.1	0.7	1.1#

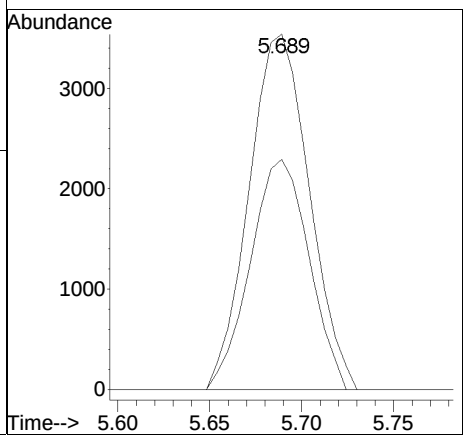


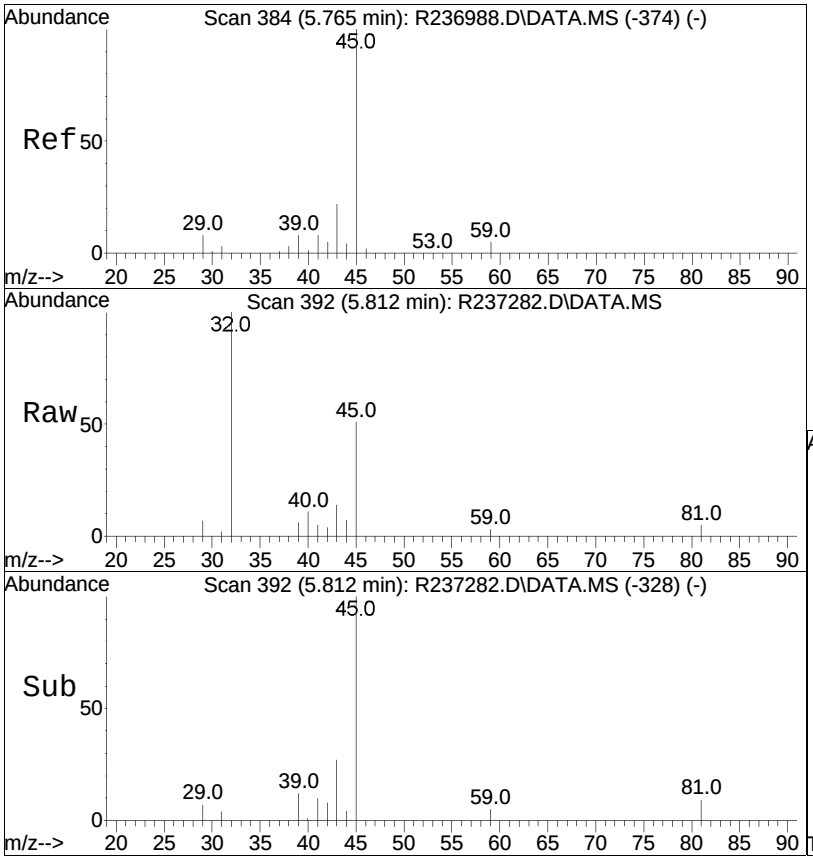


#21
trichlorofluoromethane
Concen: 0.19 ppbV
RT: 5.689 min Scan# 371
Delta R.T. 0.029 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion:101 Resp: 8071

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.1	78.1

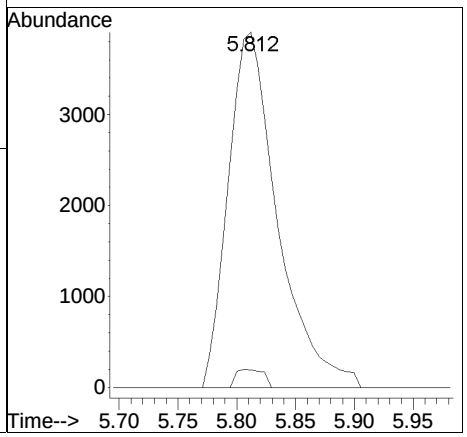


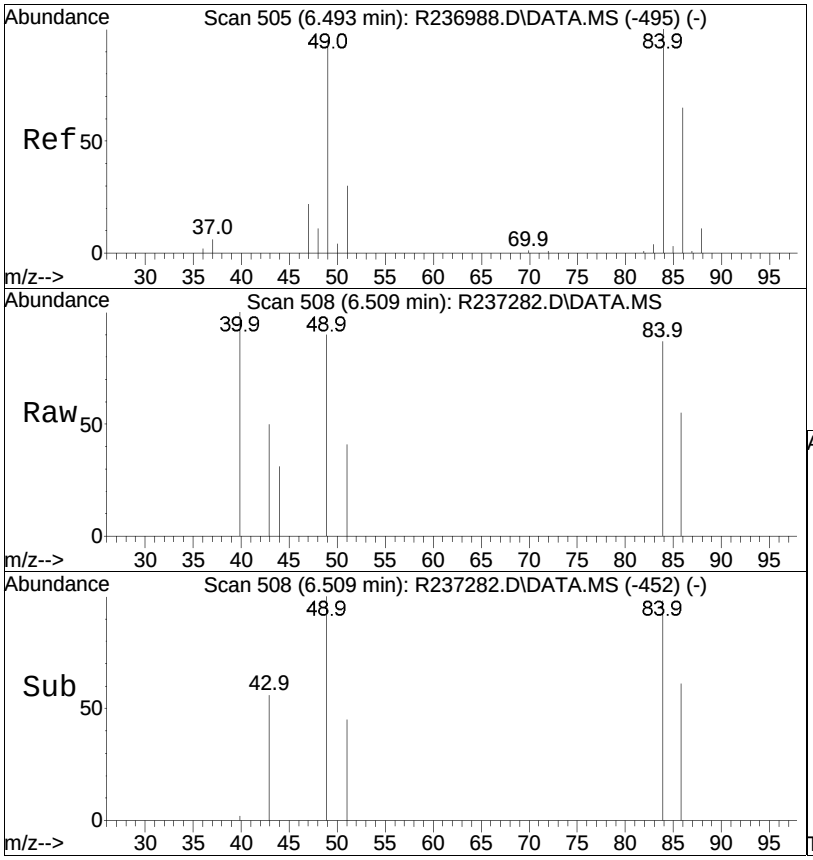


#22
isopropyl alcohol
Concen: 0.74 ppbV
RT: 5.812 min Scan# 392
Delta R.T. 0.047 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 45 Resp: 11419

Ion	Ratio	Lower	Upper
45	100		
59	4.9	3.8	5.6

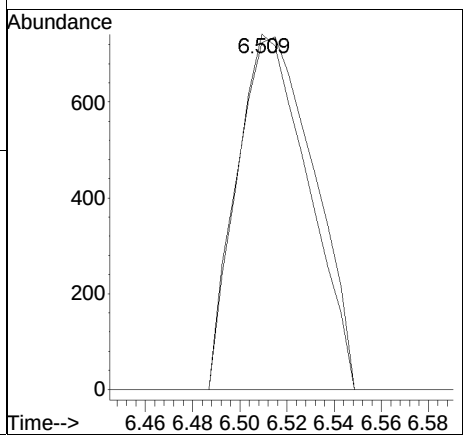


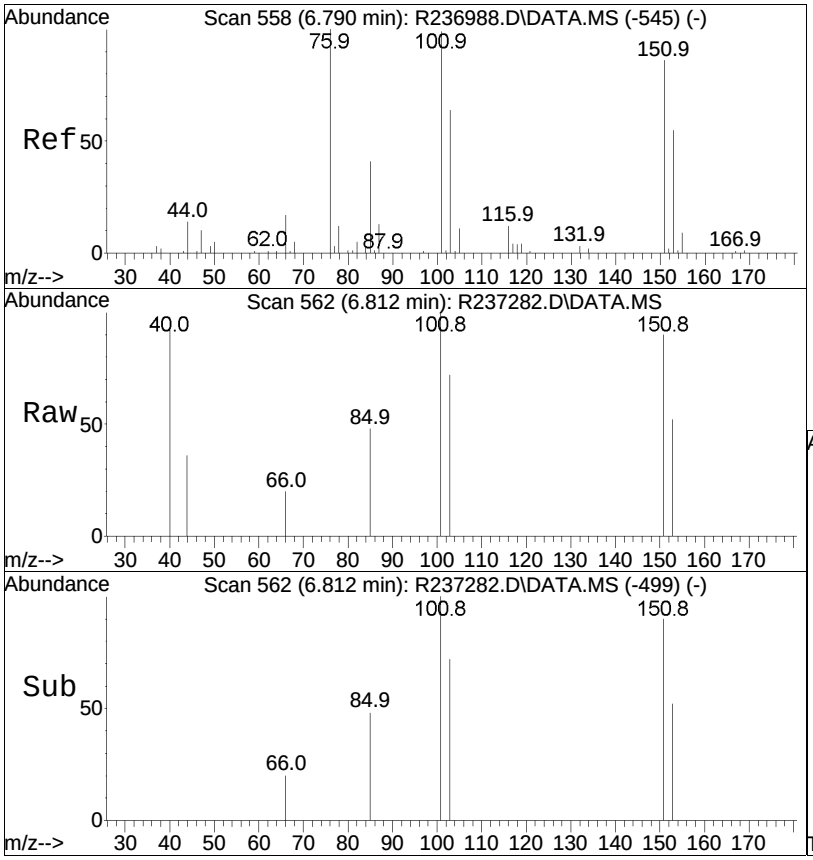


#28
methylene chloride
Concen: 0.12 ppbV
RT: 6.509 min Scan# 508
Delta R.T. 0.016 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 49 Resp: 1552

Ion	Ratio	Lower	Upper
49	100		
84	97.6	83.7	125.5

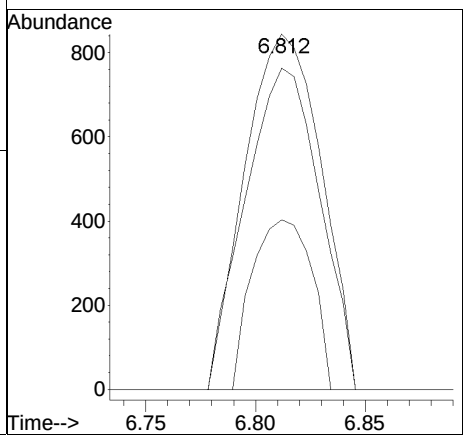


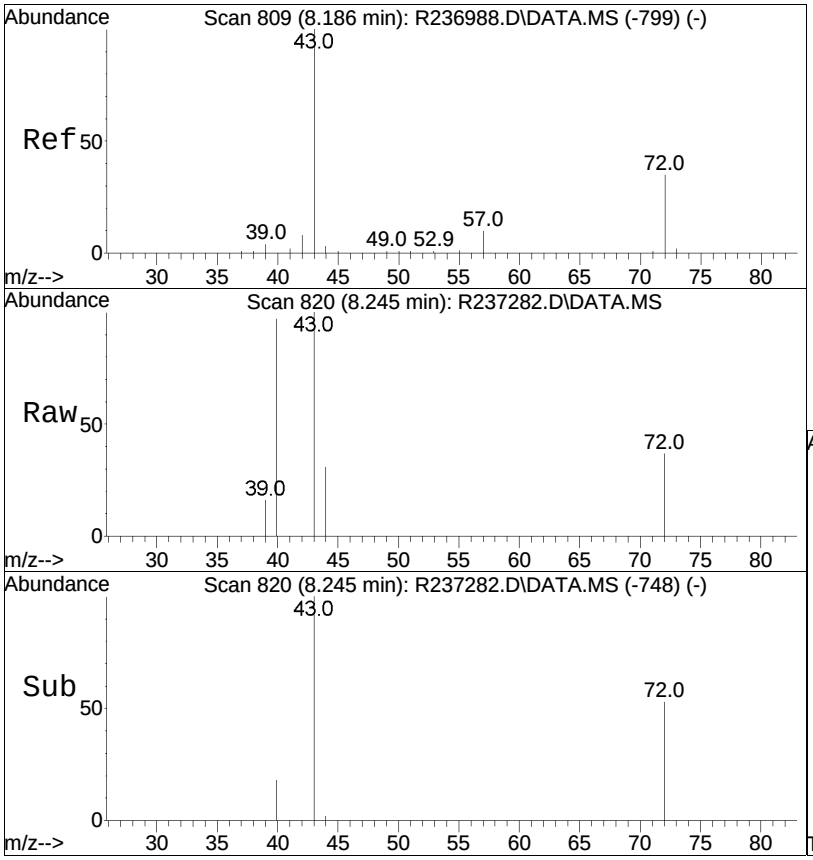


#31
Freon 113
Concen: 0.06 ppbV
RT: 6.812 min Scan# 562
Delta R.T. 0.022 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion:101 Resp: 2051

Ion	Ratio	Lower	Upper
101	100		
85	47.7	33.0	49.6
151	90.4	69.8	104.8

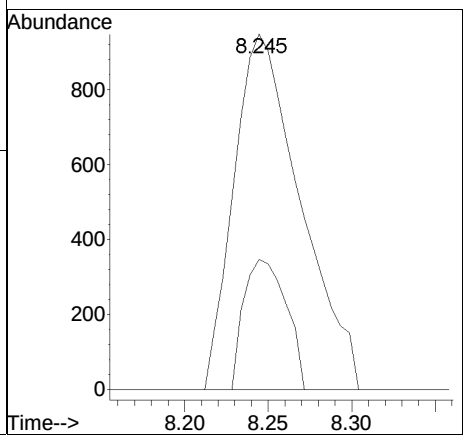


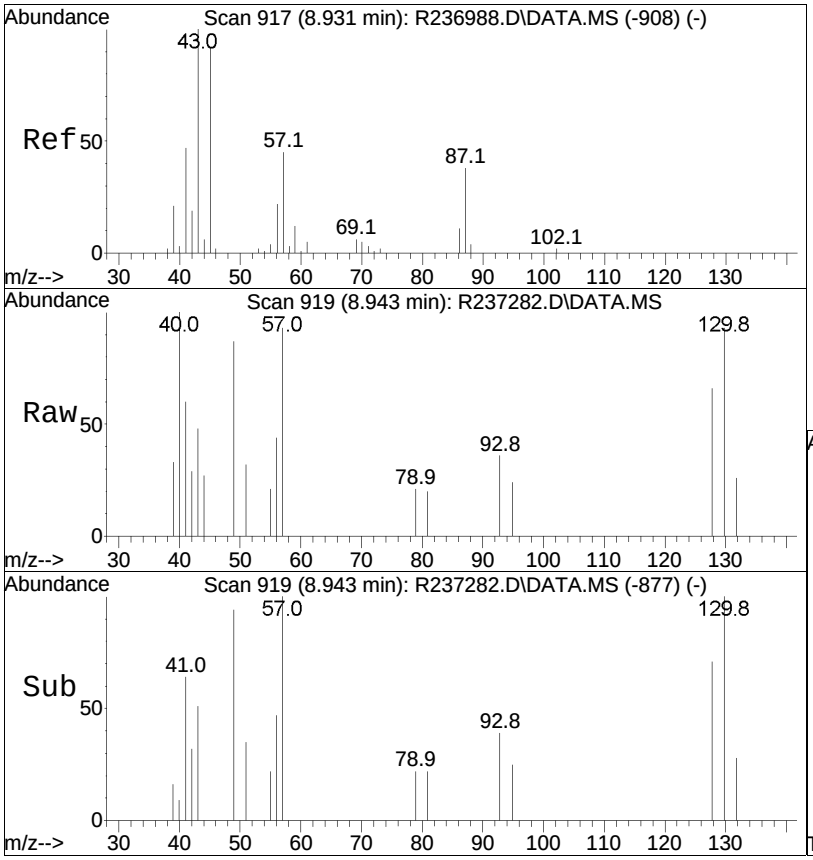


#36
2-butanone
Concen: 0.14 ppbV
RT: 8.245 min Scan# 820
Delta R.T. 0.058 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 43 Resp: 2633

Ion	Ratio	Lower	Upper
43	100		
72	36.6	27.8	41.6
57	0.0	7.7	11.5#

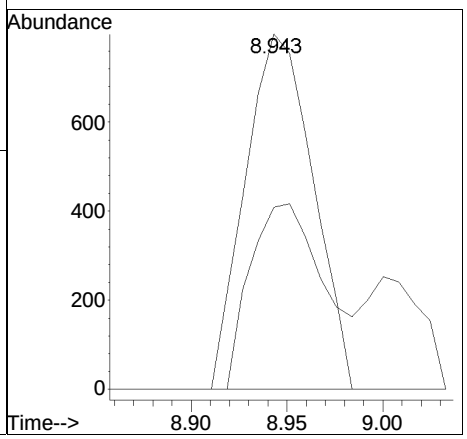


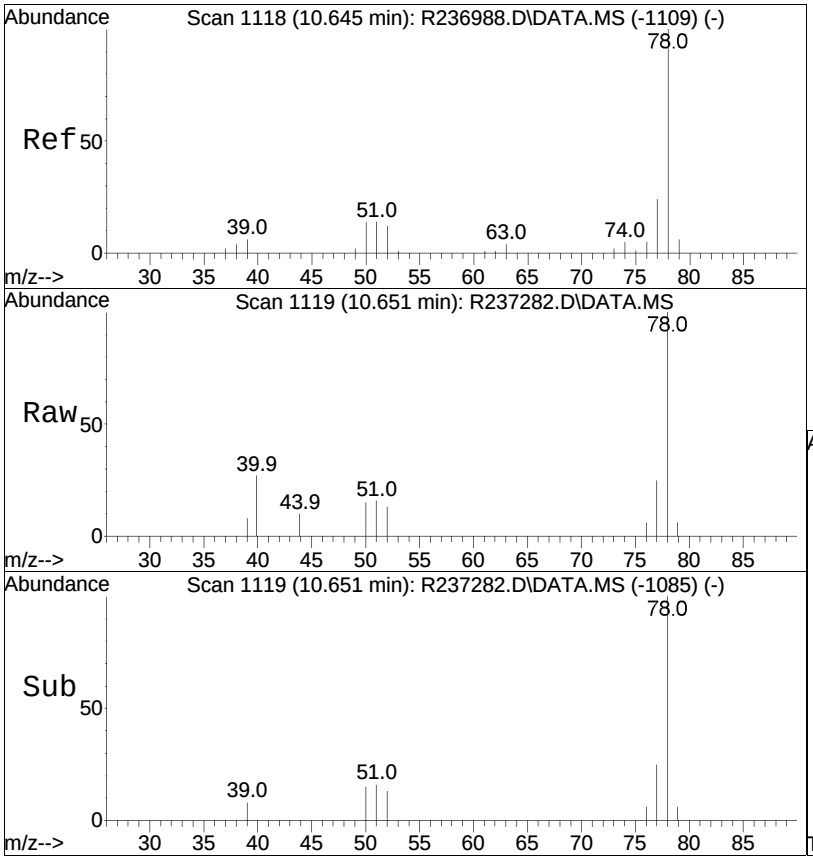


#44
hexane
Concen: 0.13 ppbV
RT: 8.943 min Scan# 919
Delta R.T. 0.012 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 57 Resp: 1965

Ion	Ratio	Lower	Upper
57	100		
43	51.3	177.1	265.7#
86	0.0	18.6	28.0#

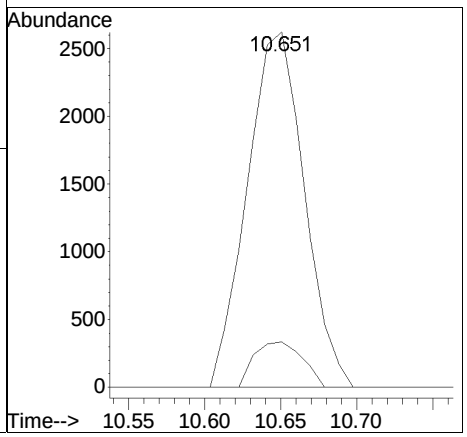


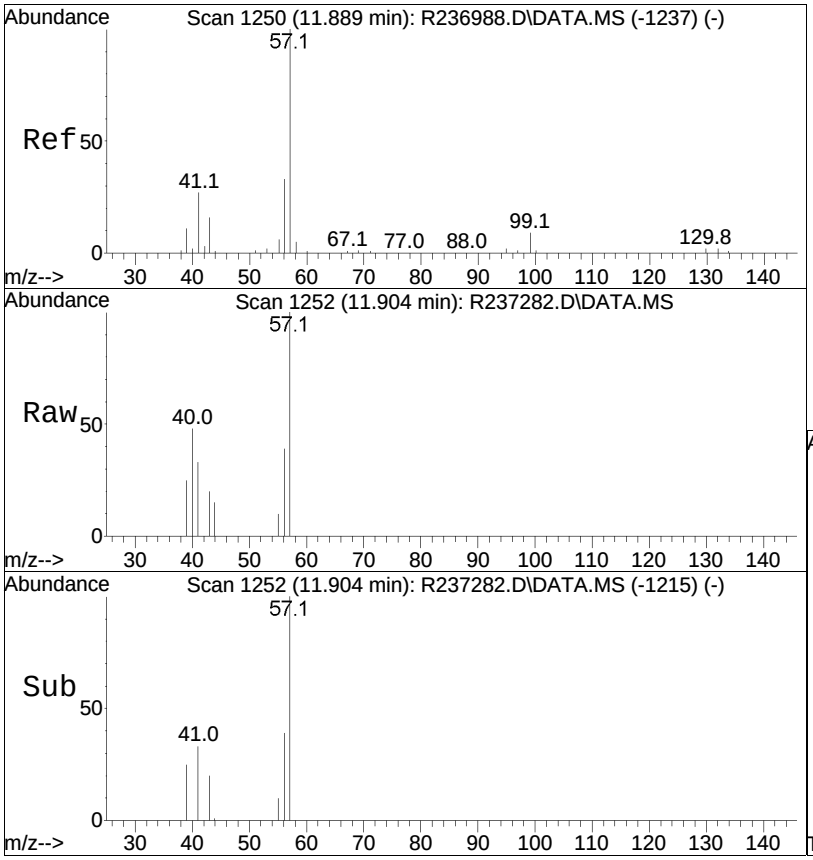


#50
benzene
Concen: 0.17 ppbV
RT: 10.651 min Scan# 1119
Delta R.T. 0.006 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 78 Resp: 6861

Ion	Ratio	Lower	Upper
78	100		
52	12.8	9.9	14.9

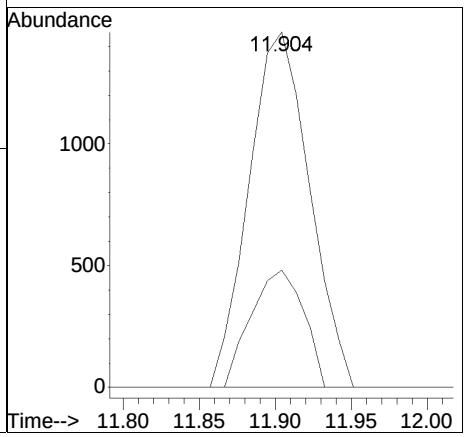


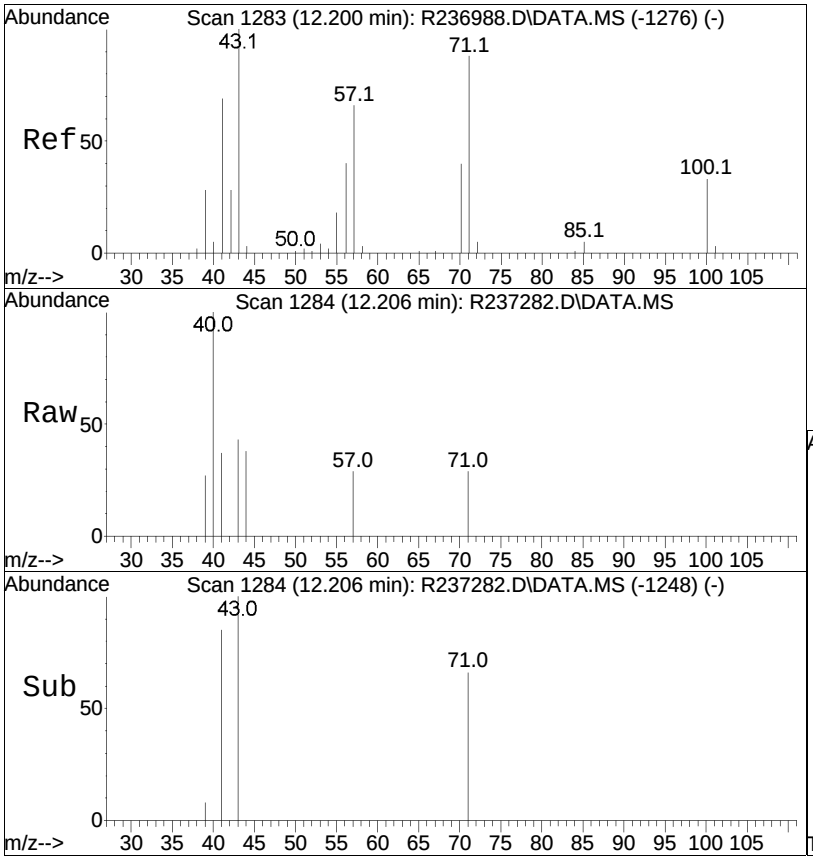


#60
2,2,4-trimethylpentane
Concen: 0.09 ppbV
RT: 11.904 min Scan# 1252
Delta R.T. 0.015 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 57 Resp: 4051

Ion	Ratio	Lower	Upper
57	100		
99	0.0	6.8	10.2#
41	33.0	21.8	32.8#

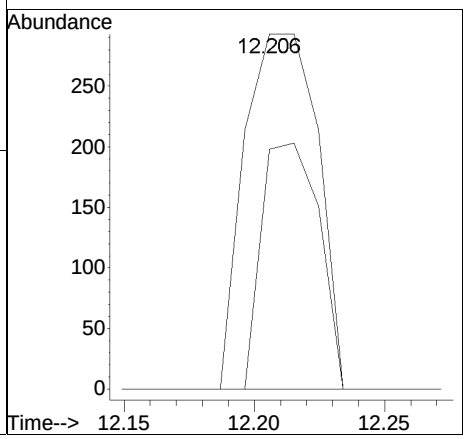


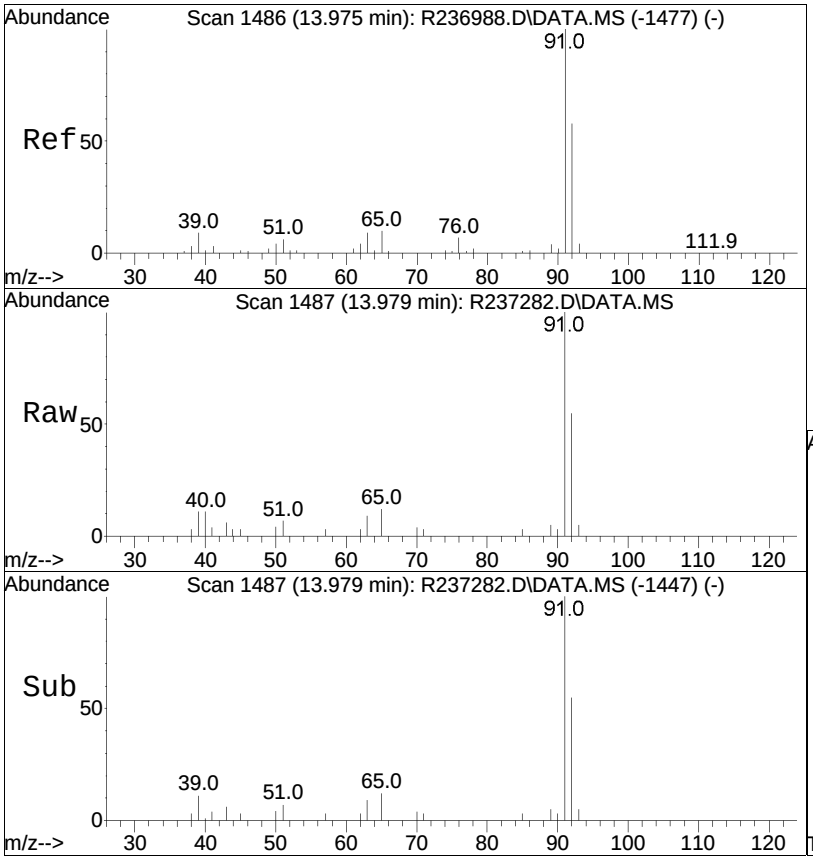


#62
heptane
Concen: 0.04 ppbV
RT: 12.206 min Scan# 1284
Delta R.T. 0.006 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 43 Resp: 573

Ion	Ratio	Lower	Upper
43	100		
57	67.6	52.8	79.2
100	0.0	26.8	40.2#

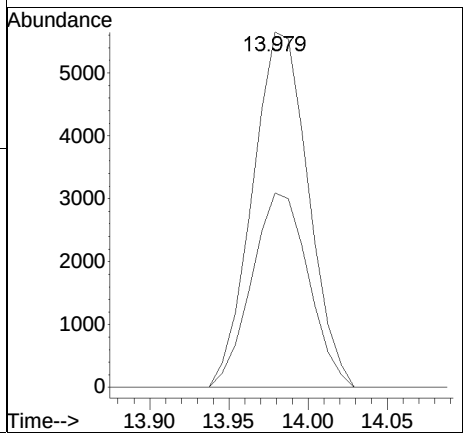


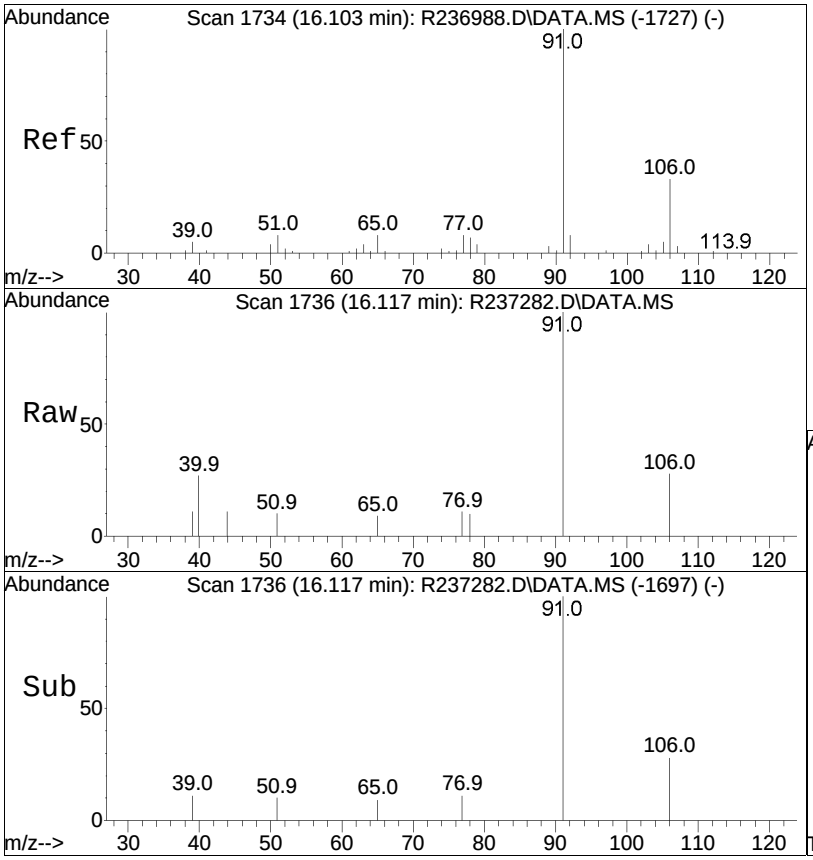


#68
toluene
Concen: 0.24 ppbV
RT: 13.979 min Scan# 1487
Delta R.T. 0.004 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 91 Resp: 13836

Ion	Ratio	Lower	Upper
91	100		
92	54.7	46.6	70.0

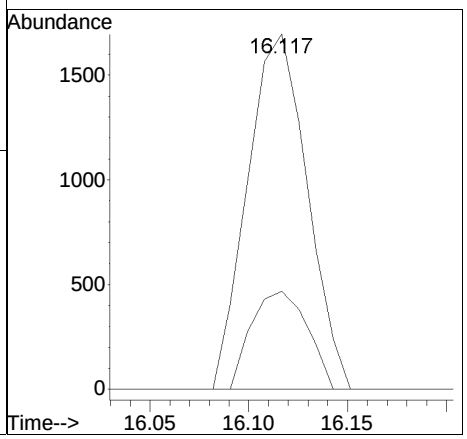


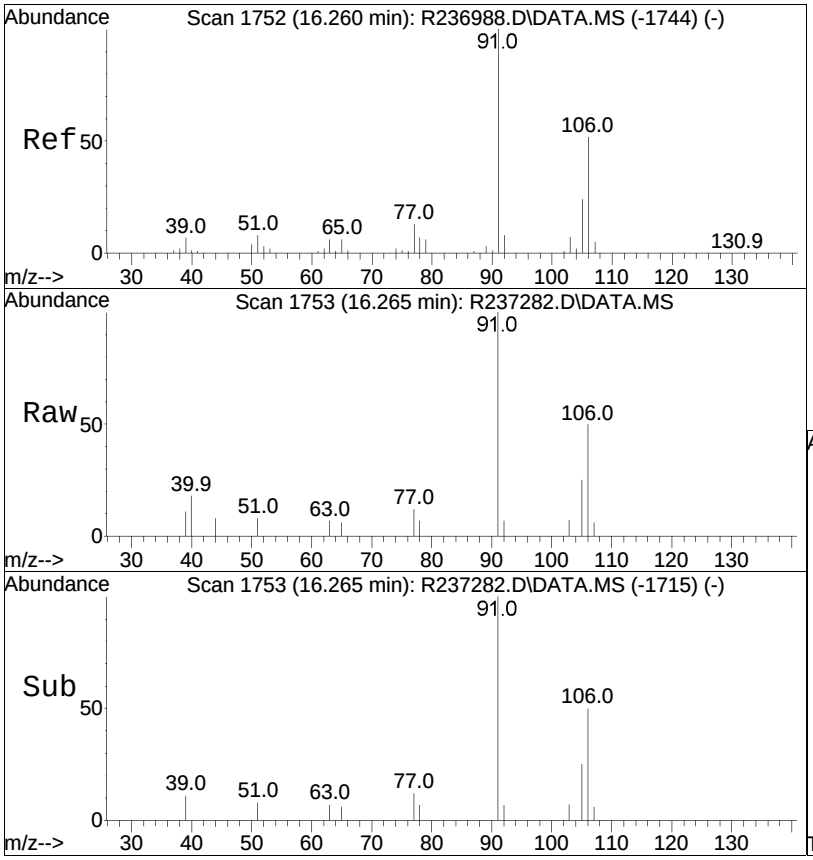


#81
ethylbenzene
Concen: 0.05 ppbV
RT: 16.117 min Scan# 1736
Delta R.T. 0.013 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 91 Resp: 3569

Ion	Ratio	Lower	Upper
91	100		
106	27.6	26.6	40.0

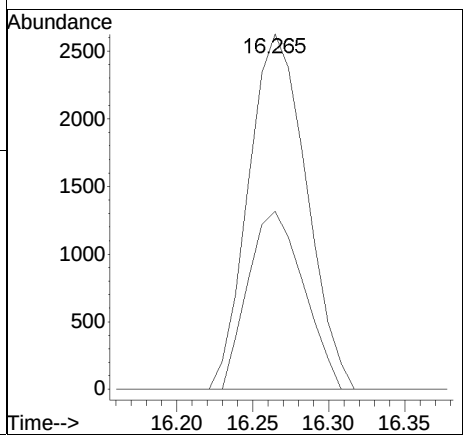


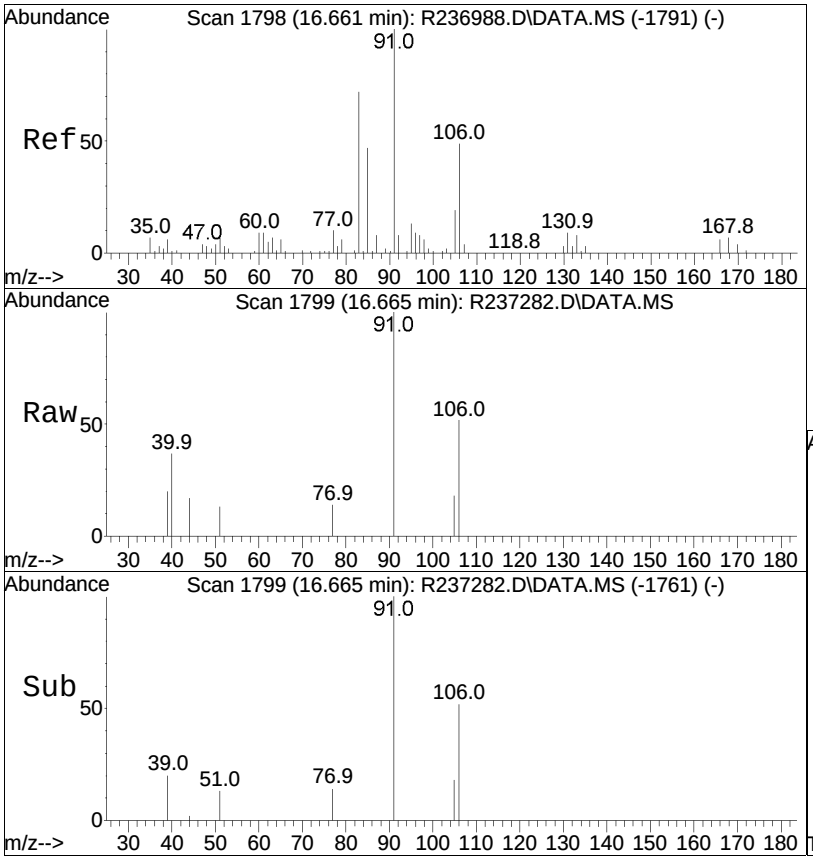


#83
m+p-xylene
Concen: 0.12 ppbV
RT: 16.265 min Scan# 1753
Delta R.T. 0.004 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 91 Resp: 6971

Ion	Ratio	Lower	Upper
91	100		
106	50.1	41.7	62.5

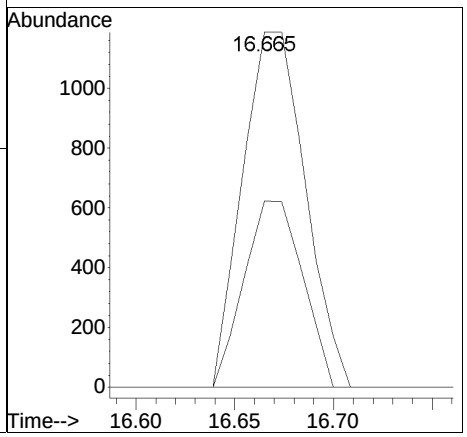




#87
o-xylene
Concen: 0.05 ppbV
RT: 16.665 min Scan# 1799
Delta R.T. 0.004 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion: 91 Resp: 2630

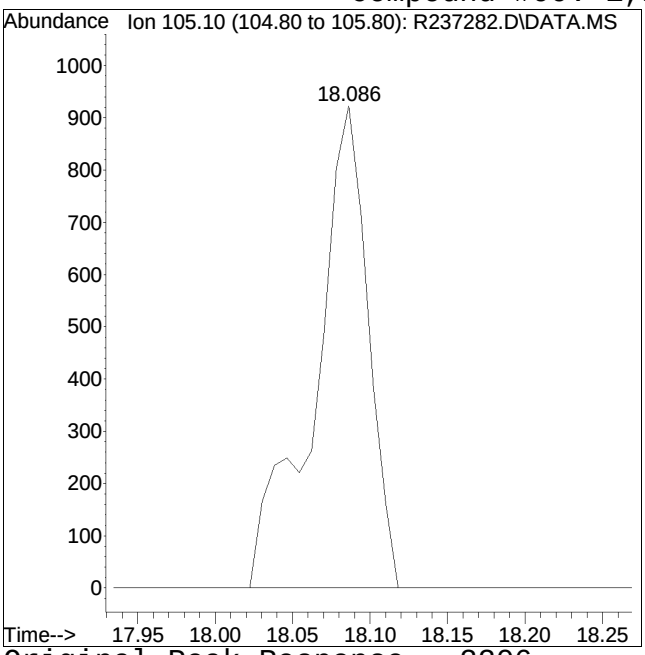
Ion	Ratio	Lower	Upper
91	100		
106	52.4	39.6	59.4



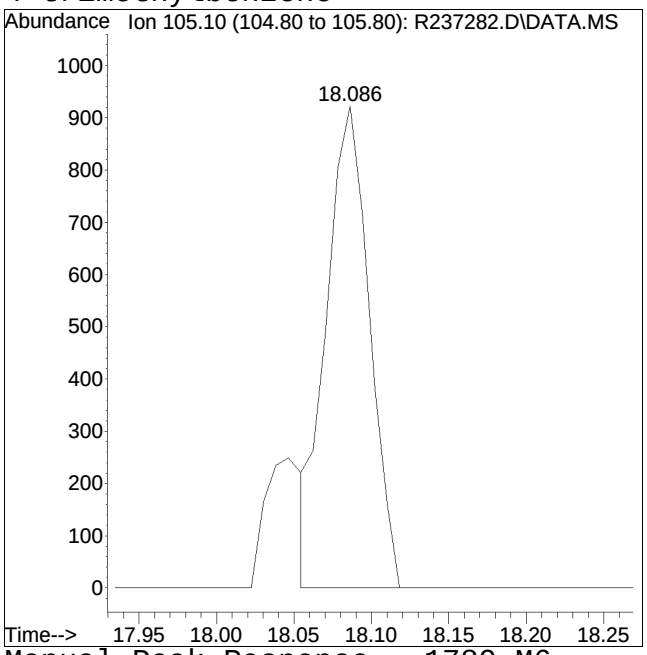
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237282.D Operator : AIRLAB23:APR
Date Inj'd : 12/11/2025 8:48 pm Instrument : Airlab 23
Sample : L2576049-03,3,250,250 Quant Date : 12/12/2025 8:51 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 2206



Manual Peak Response = 1789 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237290.D
Acq On : 12 Dec 2025 02:23 am
Operator : AIRLAB23:APR
Sample : L2576049-01,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 08:59:51 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	144632	10.000	ppbV	0.00
Standard Area = 166247			Recovery =		87.00%	
43) 1,4-difluorobenzene	11.050	114	506445	10.000	ppbV	0.00
Standard Area = 589128			Recovery =		85.97%	
67) chlorobenzene-D5	15.737	54	80167	10.000	ppbV	0.00
Standard Area = 84733			Recovery =		94.61%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.862	85	14615	0.374	ppbV	99
6) chloromethane	4.026	50	5192	0.479	ppbV	99
7) Freon-114	4.132		0	N.D.		
10) 1,3-butadiene	4.389	54	318	0.034	ppbV #	47
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.992	31	60313	10.816	ppbV	87
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.484	43	97855M6	6.928	ppbV	
21) trichlorofluoromethane	5.671	101	7069	0.169	ppbV	96
22) isopropyl alcohol	5.777	45	21044	1.416	ppbV	100
27) tertiary butyl alcohol	6.465	59	3876M6	0.208	ppbV	
28) methylene chloride	6.499	49	1697	0.135	ppbV	84
29) 3-chloropropene	6.549	41	1631	0.161	ppbV #	43
30) carbon disulfide	6.801		0	N.D.		
31) Freon 113	6.801	101	1850	0.055	ppbV	96
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.213	43	5650	0.313	ppbV	98
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	9.020		0	N.D.		
40) Tetrahydrofuran	9.509		0	N.D.		
42) 1,2-dichloroethane	9.843		0	N.D.		
44) hexane	8.938	57	10385	0.771	ppbV #	4
50) benzene	10.635	78	16628	0.451	ppbV	100
53) cyclohexane	10.956	56	3184	0.236	ppbV	91
56) 1,2-dichloropropane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237290.D
Acq On : 12 Dec 2025 02:23 am
Operator : AIRLAB23:APR
Sample : L2576049-01,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 08:59:51 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

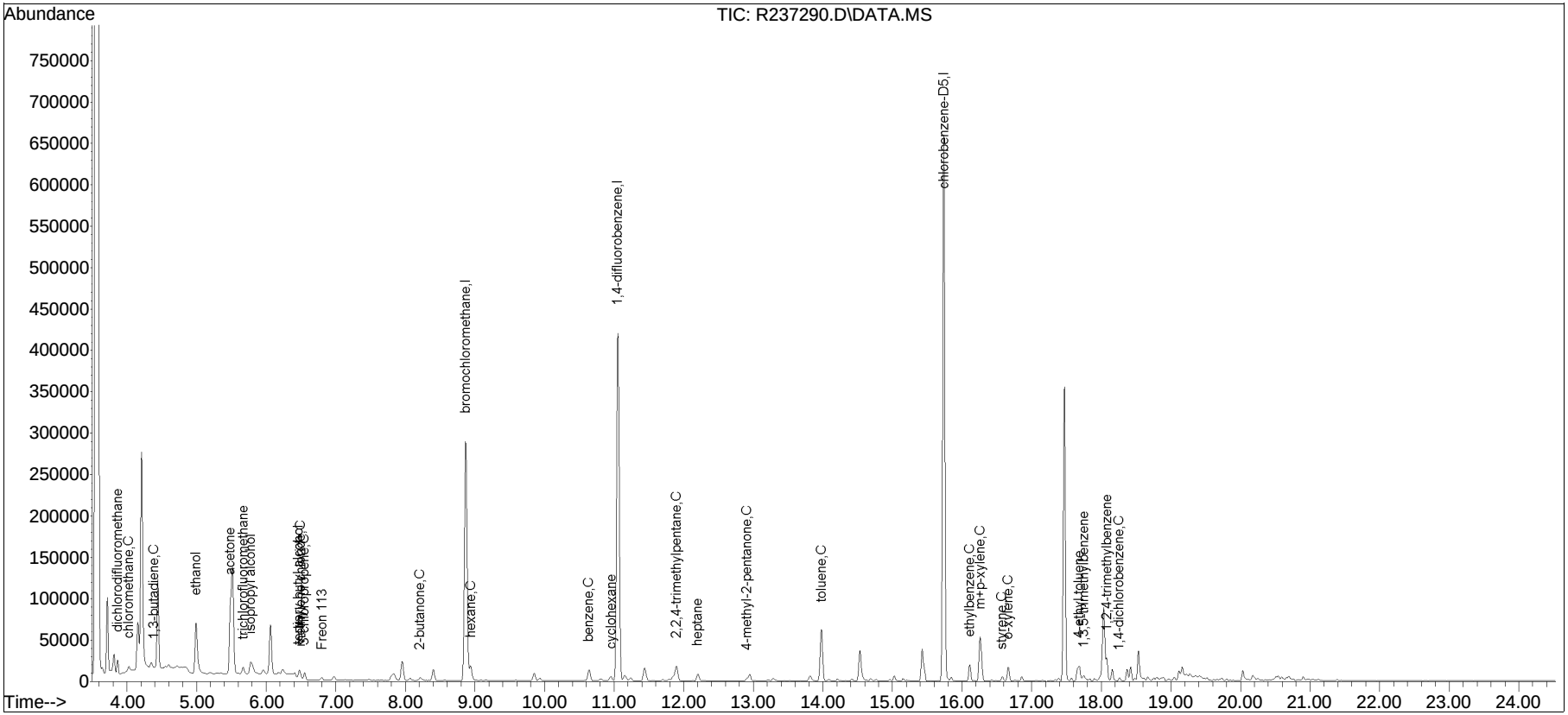
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	bromodichloromethane	11.889		0	N.D.			
58)	1,4-dioxane	0.000		0	N.D.			
60)	2,2,4-trimethylpentane	11.898	57	21658	0.520	ppbV		95
62)	heptane	12.200	43	3645	0.285	ppbV	#	95
63)	cis-1,3-dichloropropene	0.000		0	N.D.			
64)	4-methyl-2-pentanone	12.906	43	2664	0.144	ppbV	#	93
65)	trans-1,3-dichloropropene	0.000		0	N.D.			
66)	1,1,2-trichloroethane	0.000		0	N.D.			
68)	toluene	13.983	91	59131	1.065	ppbV		99
72)	2-hexanone	14.325		0	N.D.			
74)	dibromochloromethane	0.000		0	N.D.			
75)	1,2-dibromoethane	0.000		0	N.D.			
80)	chlorobenzene	0.000		0	N.D.			
81)	ethylbenzene	16.112	91	19145	0.270	ppbV		99
83)	m+p-xylene	16.260	91	47999	0.891	ppbV		99
84)	bromoform	0.000		0	N.D.			
85)	styrene	16.573	104	2184	0.052	ppbV		91
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.			
87)	o-xylene	16.660	91	13426	0.246	ppbV		98
96)	4-ethyl toluene	17.679	105	3899M6	0.054	ppbV		
97)	1,3,5-trimethylbenzene	17.748	105	3692	0.061	ppbV	#	95
99)	1,2,4-trimethylbenzene	18.082	105	16078	0.249	ppbV	#	54
101)	Benzyl Chloride	18.258		0	N.D.			
102)	1,3-dichlorobenzene	0.000		0	N.D.	d		
103)	1,4-dichlorobenzene	18.258	146	1588	0.032	ppbV		97
107)	1,2-dichlorobenzene	0.000		0	N.D.			
115)	1,2,4-trichlorobenzene	0.000		0	N.D.			
116)	naphthalene	20.087		0	N.D.			
119)	hexachlorobutadiene	0.000		0	N.D.			

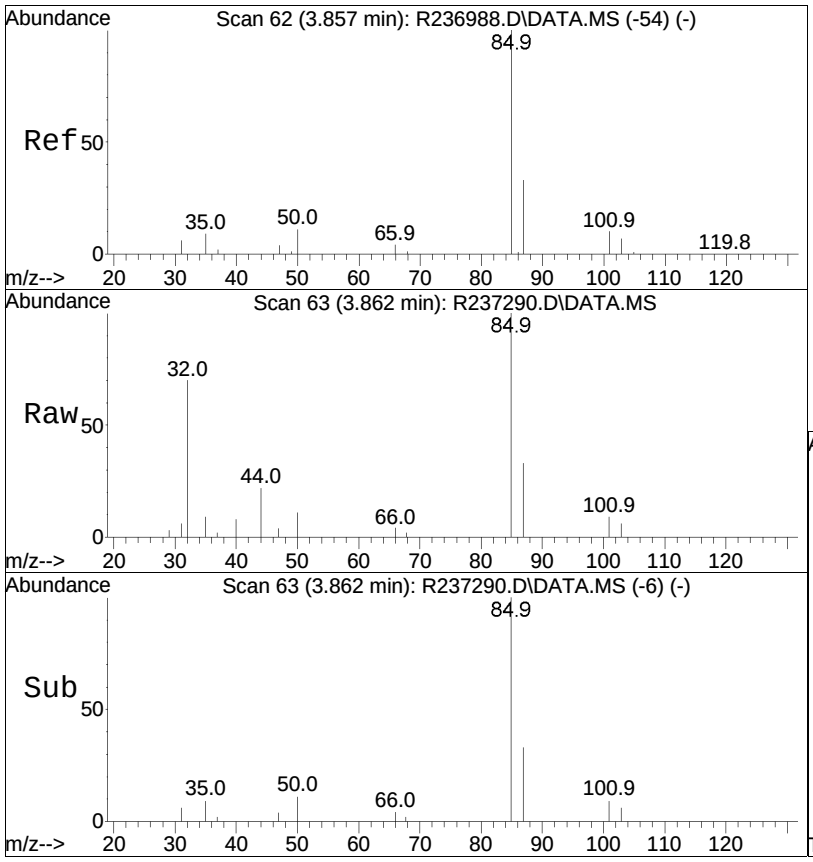
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .3\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237290.D
Acq On : 12 Dec 2025 02:23 am
Operator : AIRLAB23:APR
Sample : L2576049-01,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 08:59:51 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

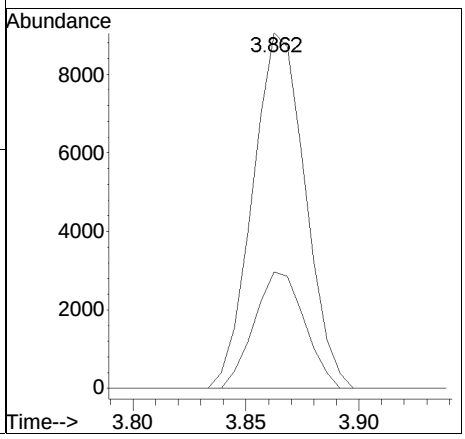


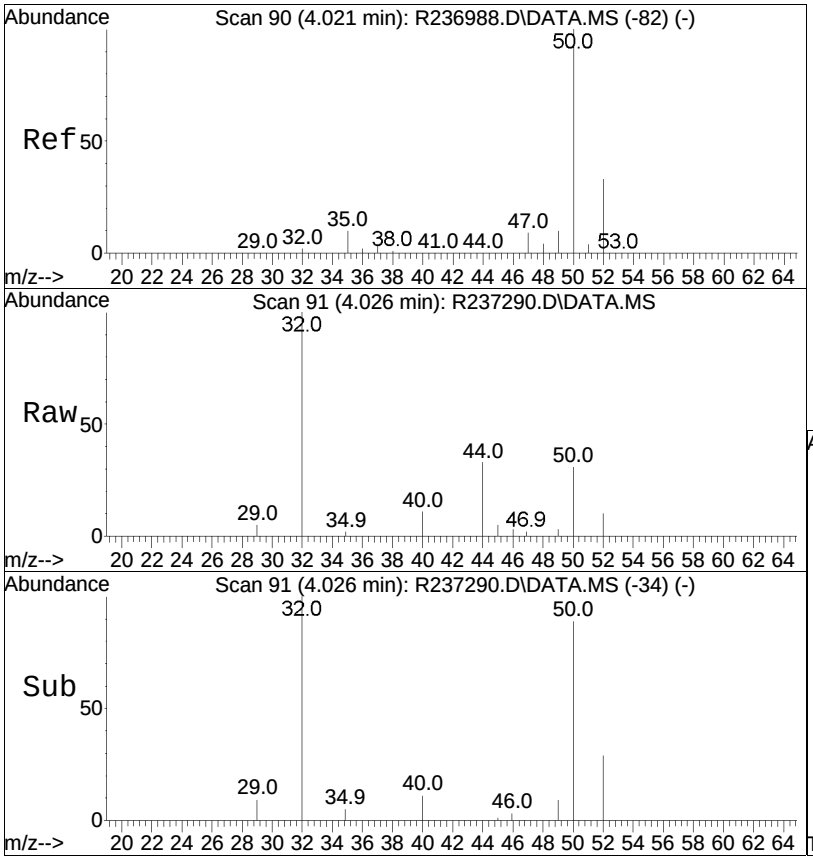


#5
dichlorodifluoromethane
Concen: 0.37 ppbV
RT: 3.862 min Scan# 63
Delta R.T. 0.006 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 85 Resp: 14615

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.8	40.2

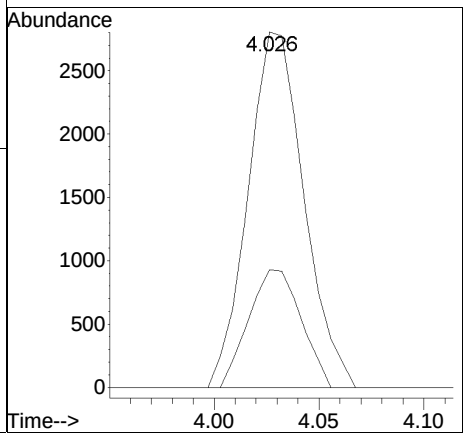


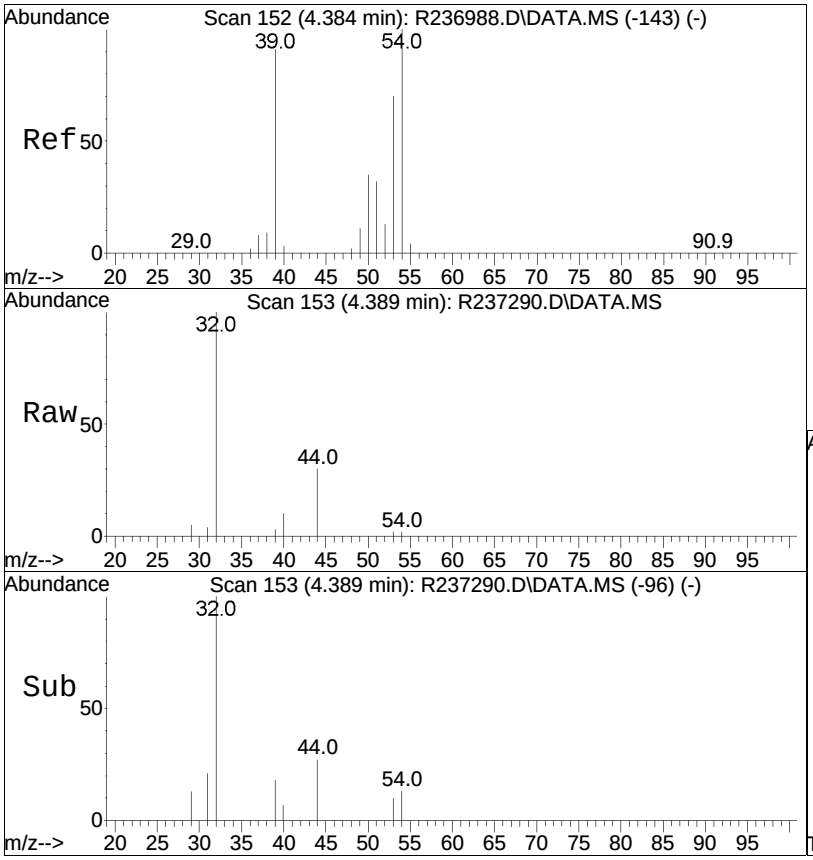


#6
chloromethane
Concen: 0.48 ppbV
RT: 4.026 min Scan# 91
Delta R.T. 0.006 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 50 Resp: 5192

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.8	40.2

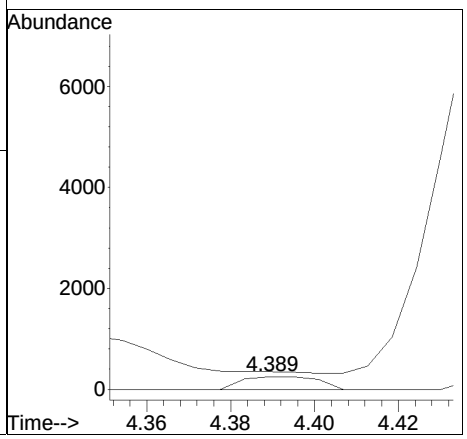


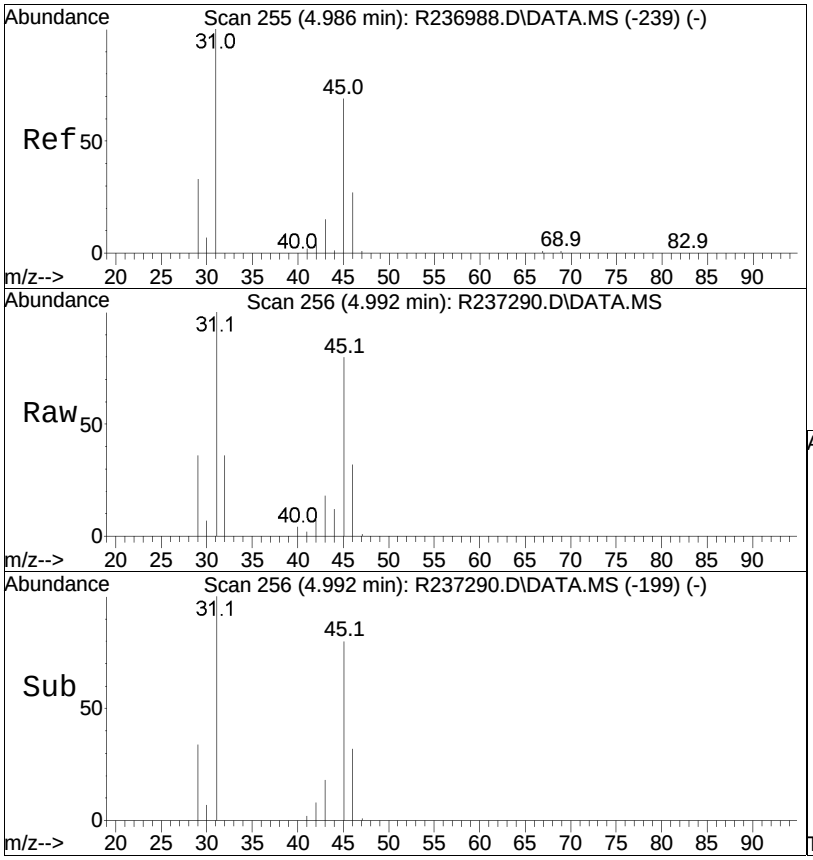


#10
1,3-butadiene
Concen: 0.03 ppbV
RT: 4.389 min Scan# 153
Delta R.T. 0.006 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 54 Resp: 318

Ion	Ratio	Lower	Upper
54	100		
39	141.4	73.1	109.7#

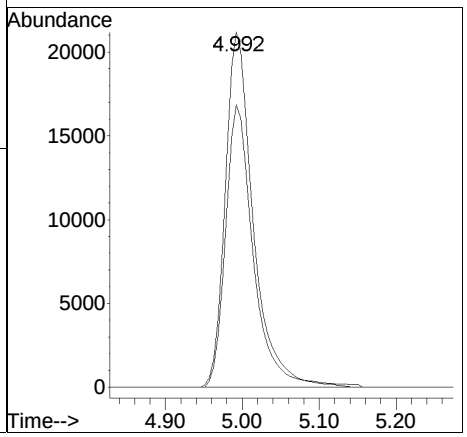


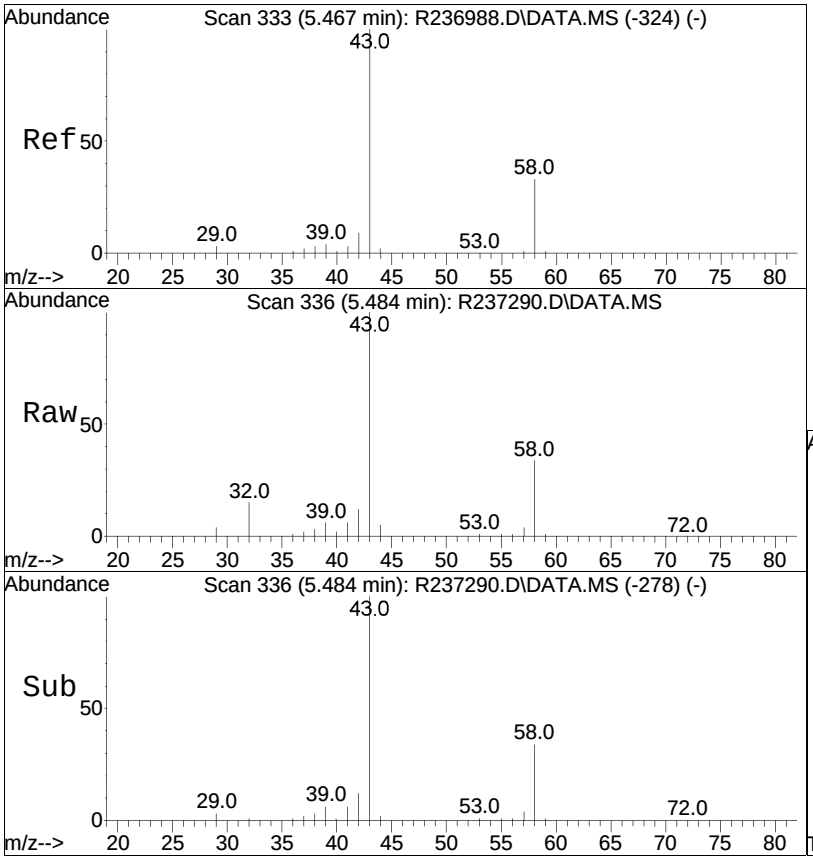


#15
ethanol
Concen: 10.82 ppbV
RT: 4.992 min Scan# 256
Delta R.T. 0.006 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 31 Resp: 60313

Ion	Ratio	Lower	Upper
31	100		
45	79.5	55.0	82.6

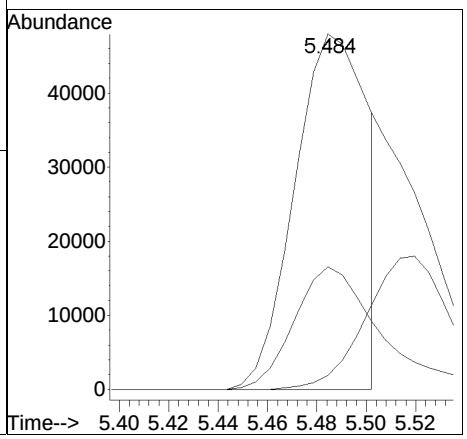


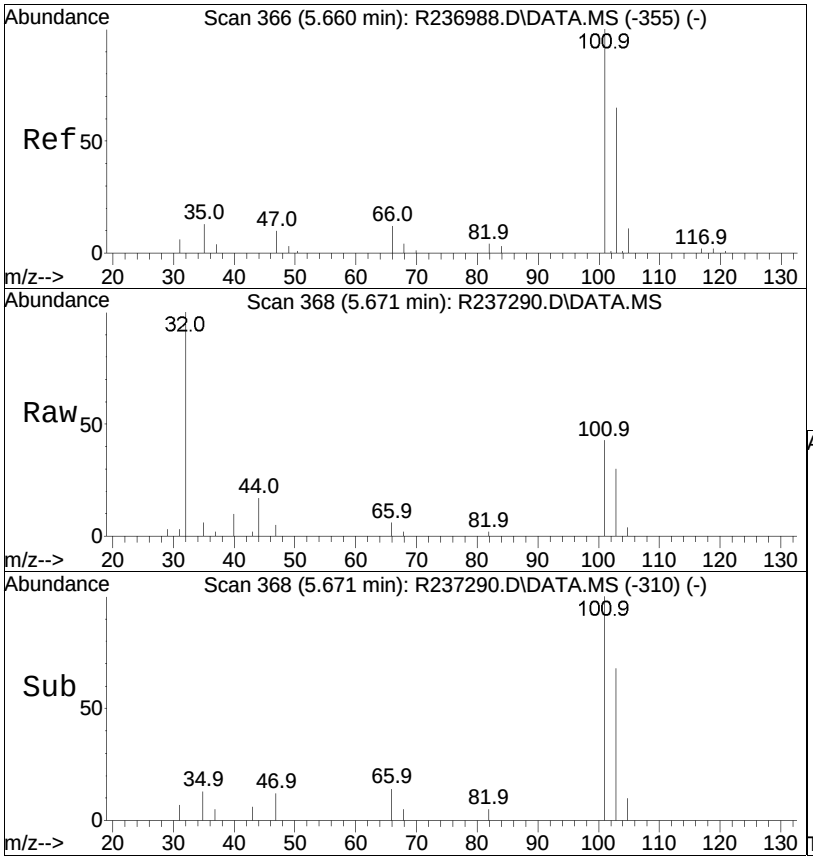


#19
acetone
Concen: 6.93 ppbV m
RT: 5.484 min Scan# 336
Delta R.T. 0.017 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 43 Resp: 97855

Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.2	39.4
57	4.0	0.7	1.1#

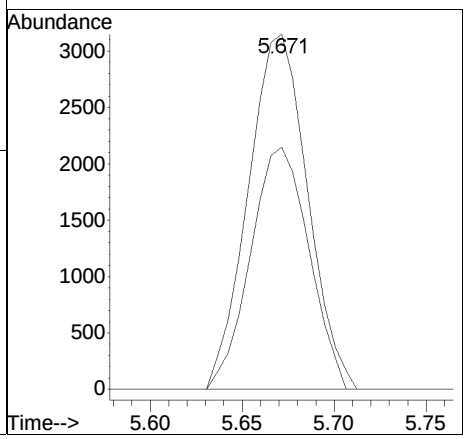


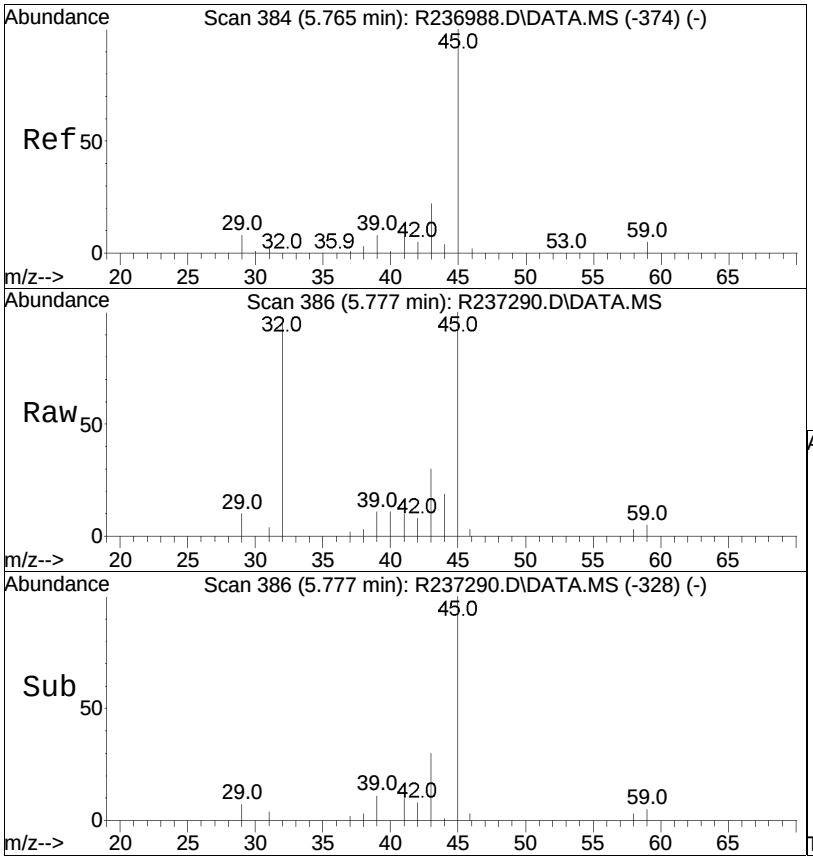


#21
trichlorofluoromethane
Concen: 0.17 ppbV
RT: 5.671 min Scan# 368
Delta R.T. 0.012 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:101 Resp: 7069

Ion	Ratio	Lower	Upper
101	100		
103	68.1	52.1	78.1

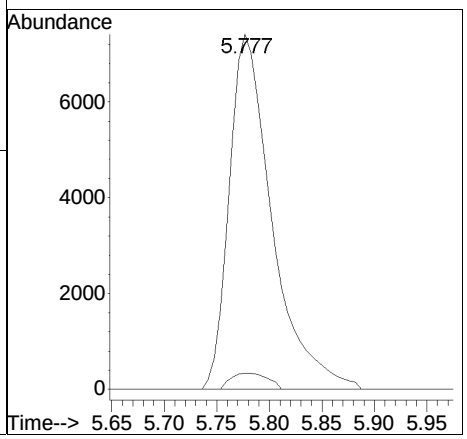


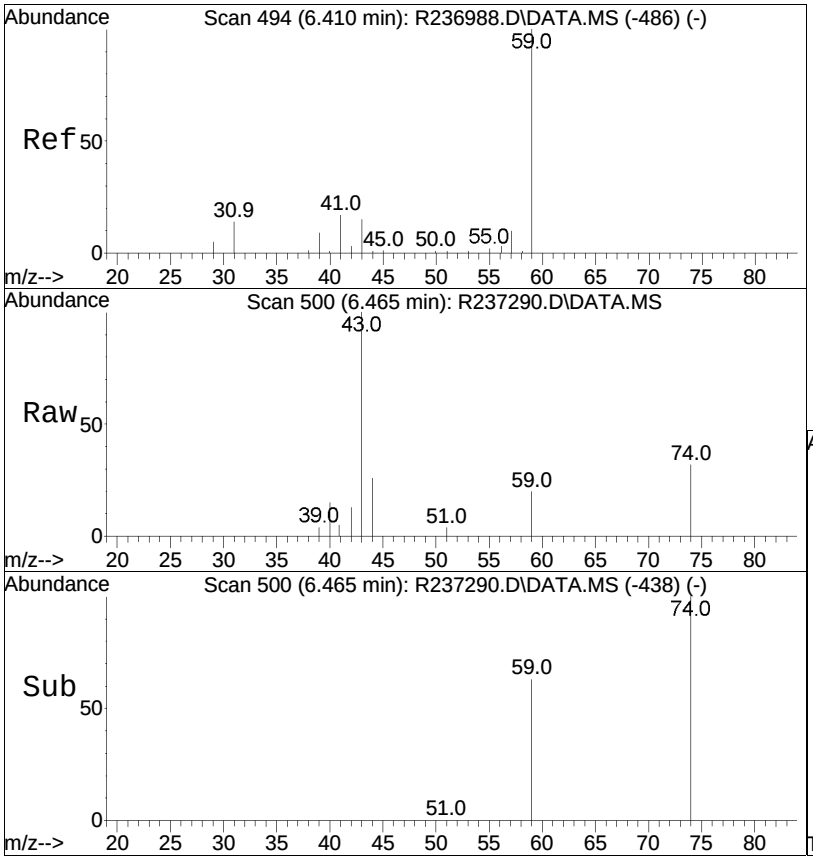


#22
isopropyl alcohol
Concen: 1.42 ppbV
RT: 5.777 min Scan# 386
Delta R.T. 0.012 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 45 Resp: 21044

Ion	Ratio	Lower	Upper
45	100		
59	4.6	3.8	5.6

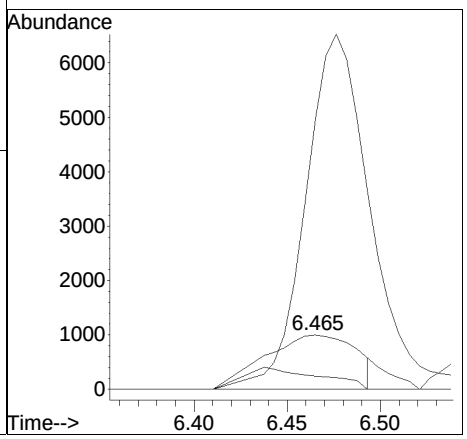


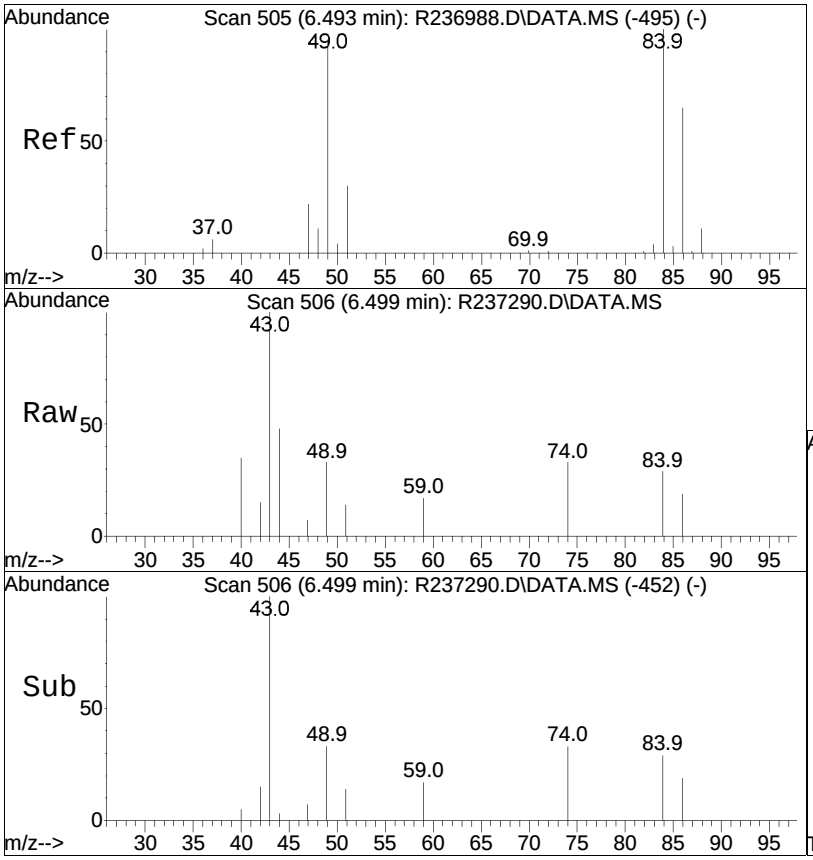


#27
tertiary butyl alcohol
Concen: 0.21 ppbV m
RT: 6.465 min Scan# 500
Delta R.T. 0.055 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 59 Resp: 3876

Ion	Ratio	Lower	Upper
59	100		
41	24.5	13.6	20.4#
43	495.4	11.7	17.5#

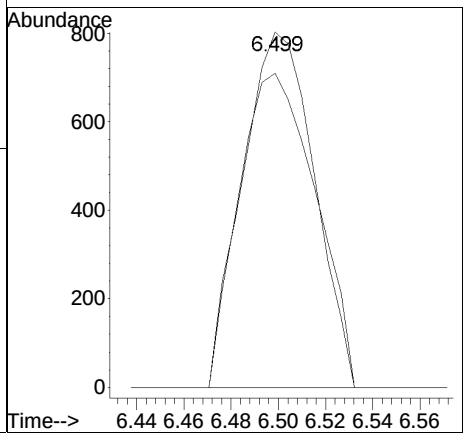


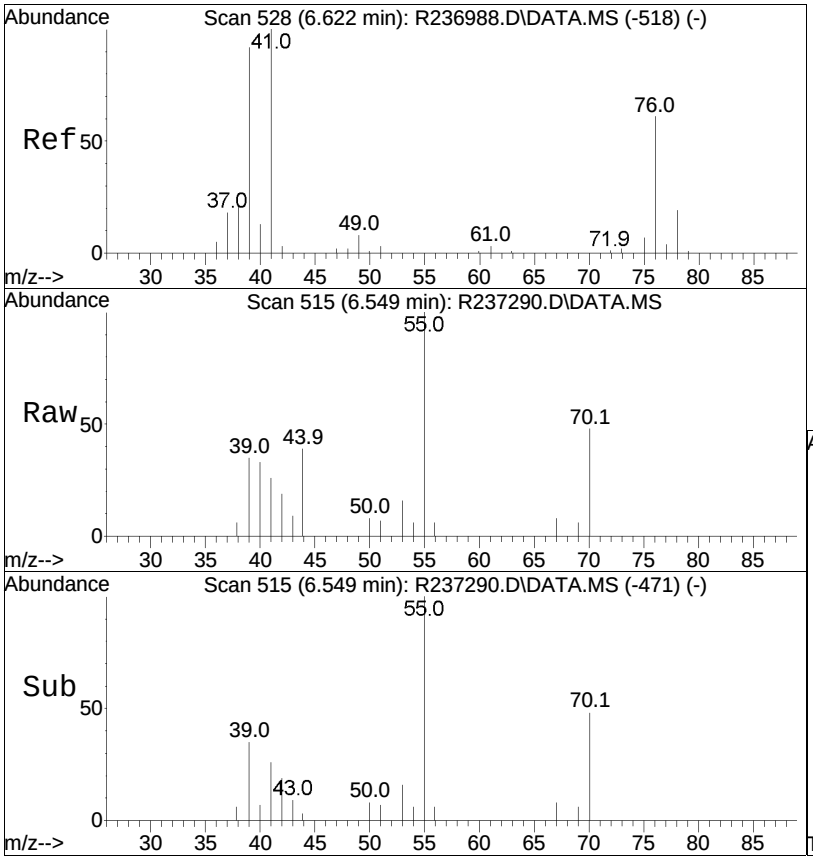


#28
methylene chloride
Concen: 0.14 ppbV
RT: 6.499 min Scan# 506
Delta R.T. 0.005 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 49 Resp: 1697

Ion	Ratio	Lower	Upper
49	100		
84	88.4	83.7	125.5

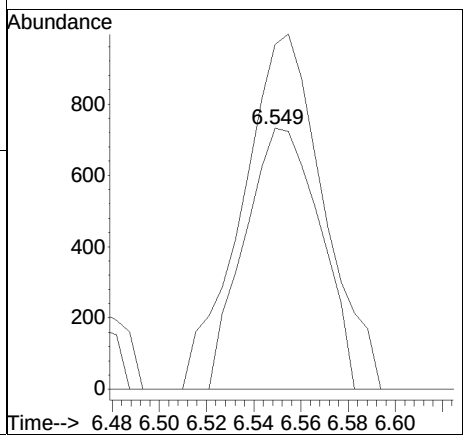


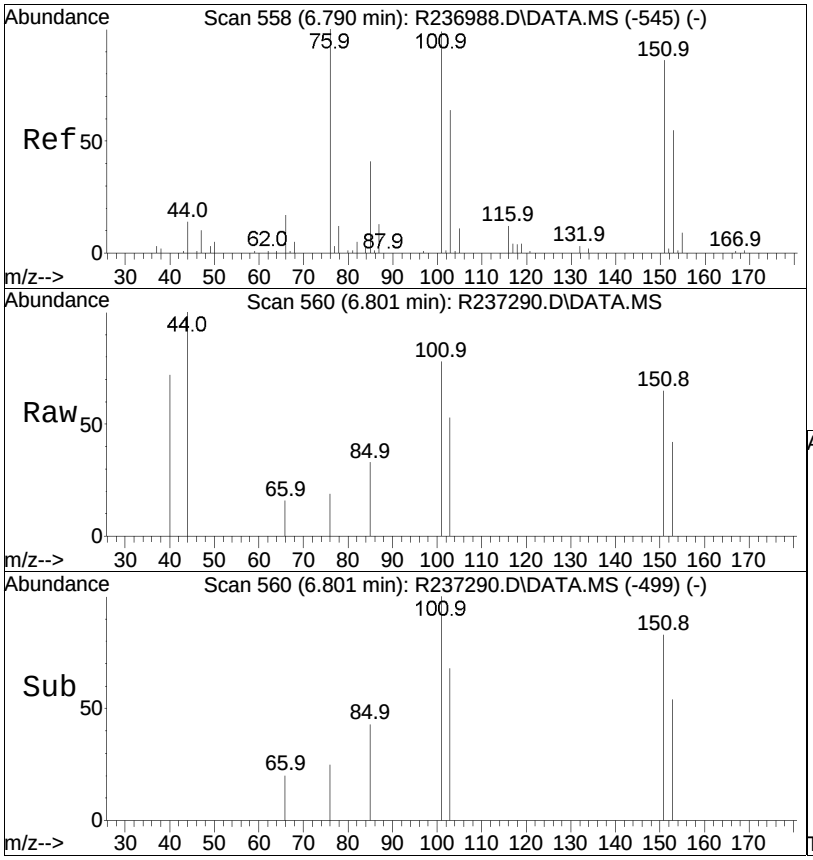


#29
3-chloropropene
Concen: 0.16 ppbV
RT: 6.549 min Scan# 515
Delta R.T. -0.073 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 41 Resp: 1631

Ion	Ratio	Lower	Upper
41	100		
39	132.1	73.8	110.8#
76	0.0	48.8	73.2#

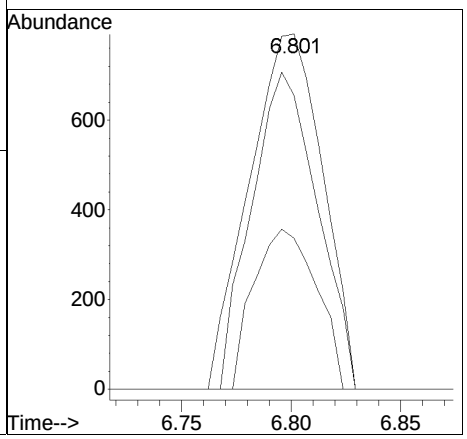


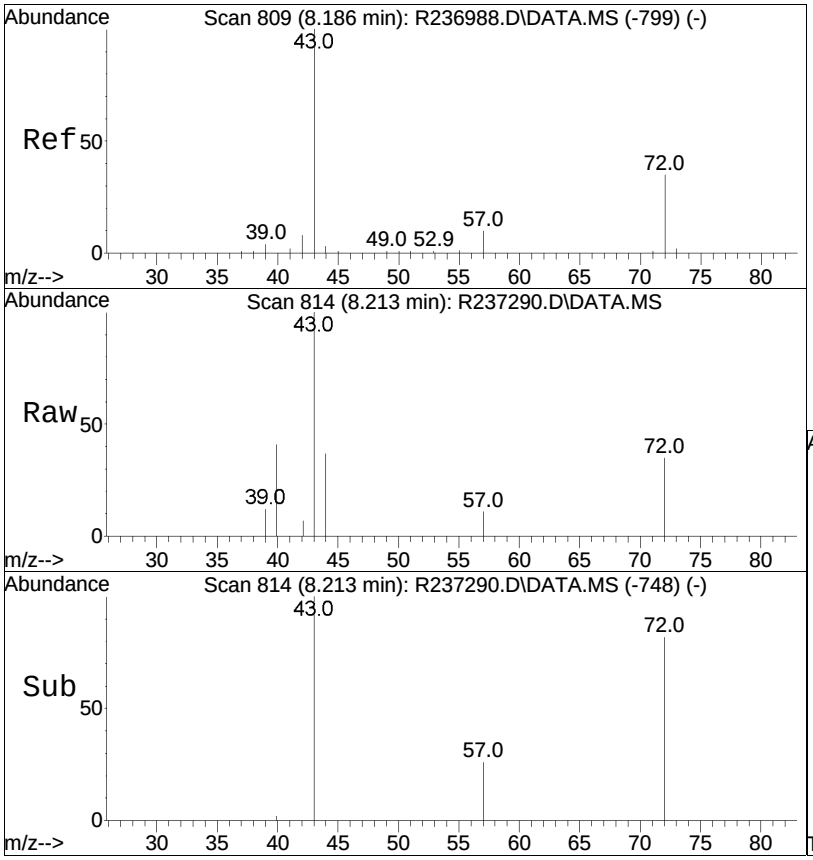


#31
Freon 113
Concen: 0.06 ppbV
RT: 6.801 min Scan# 560
Delta R.T. 0.011 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:101 Resp: 1850

Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.0	49.6
151	82.7	69.8	104.8

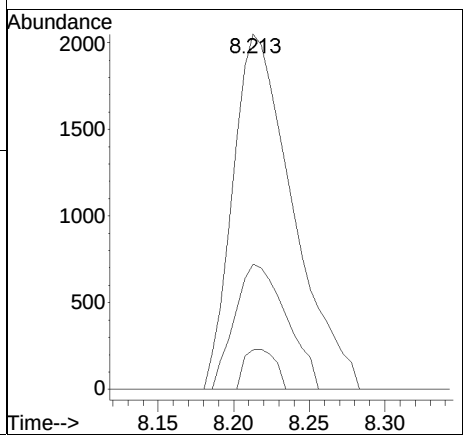


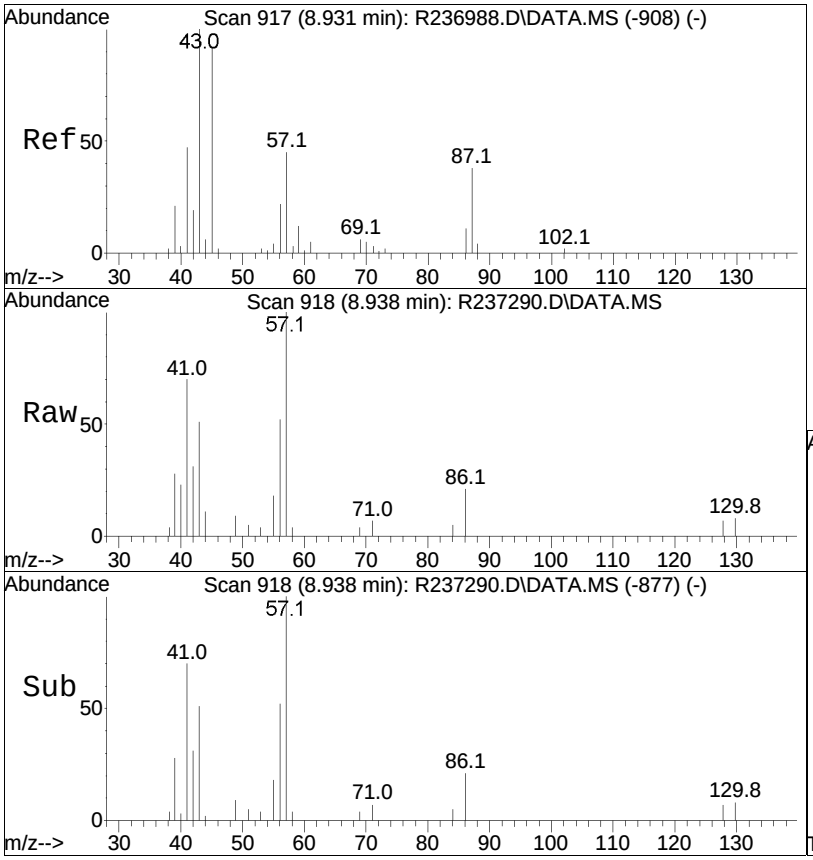


#36
2-butanone
Concen: 0.31 ppbV
RT: 8.213 min Scan# 814
Delta R.T. 0.027 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 43 Resp: 5650

Ion	Ratio	Lower	Upper
43	100		
72	35.2	27.8	41.6
57	11.1	7.7	11.5

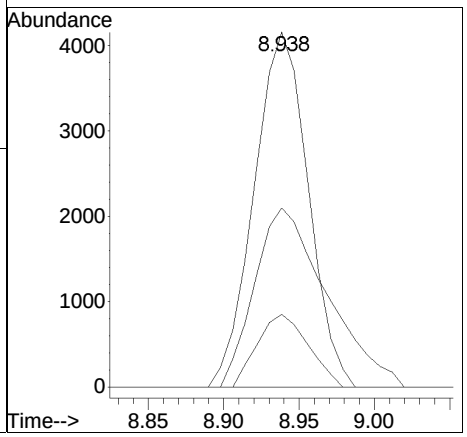


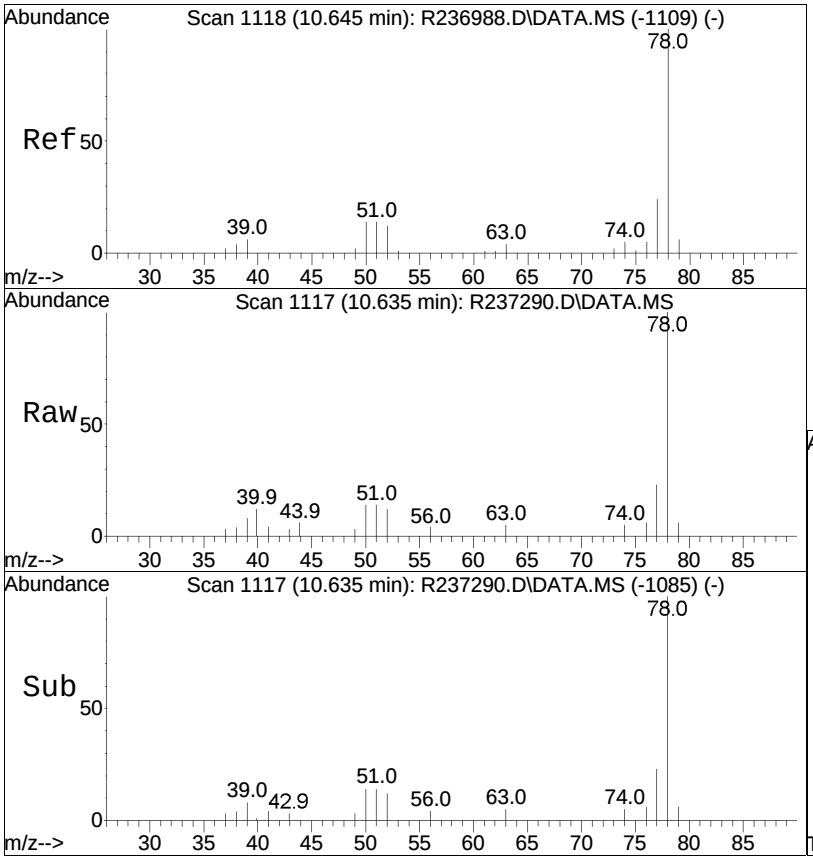


#44
hexane
Concen: 0.77 ppbV
RT: 8.938 min Scan# 918
Delta R.T. 0.008 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 57 Resp: 10385

Ion	Ratio	Lower	Upper
57	100		
43	50.5	177.1	265.7#
86	20.6	18.6	28.0

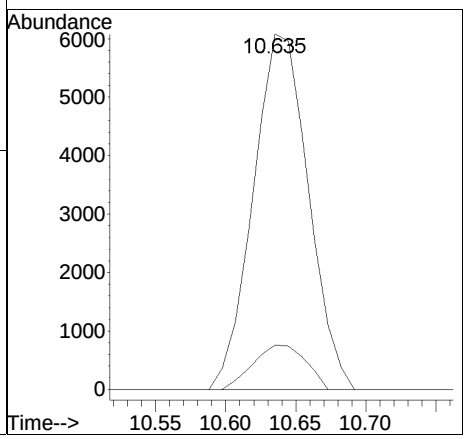


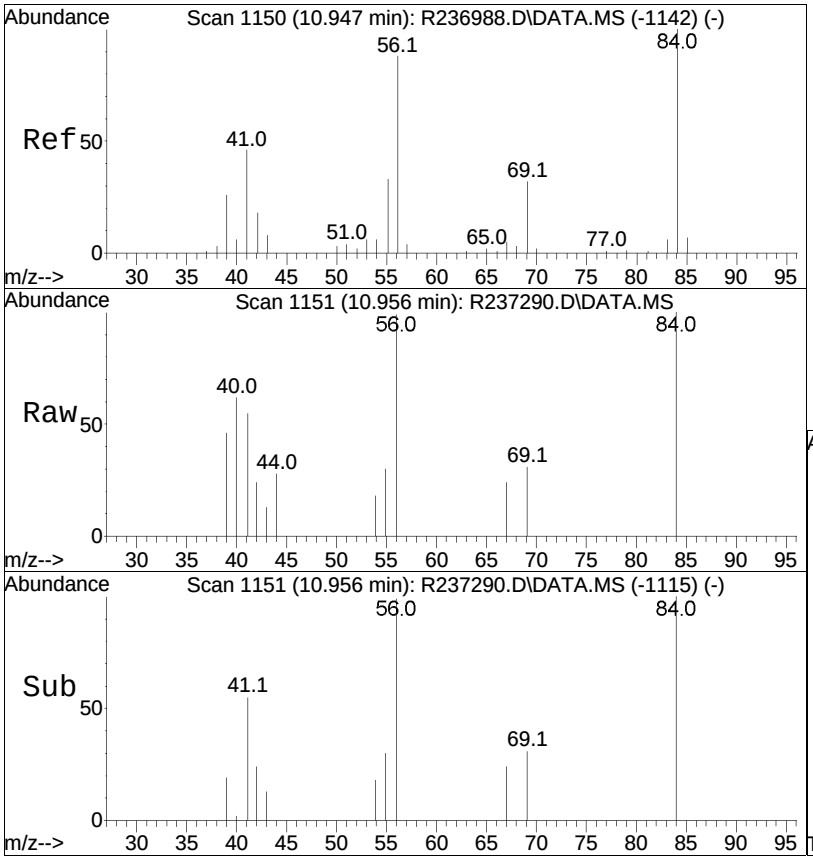


#50
benzene
Concen: 0.45 ppbV
RT: 10.635 min Scan# 1117
Delta R.T. -0.010 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 78 Resp: 16628

Ion	Ratio	Lower	Upper
78	100		
52	12.5	9.9	14.9

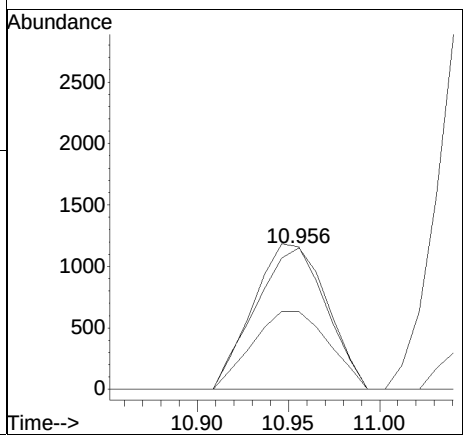


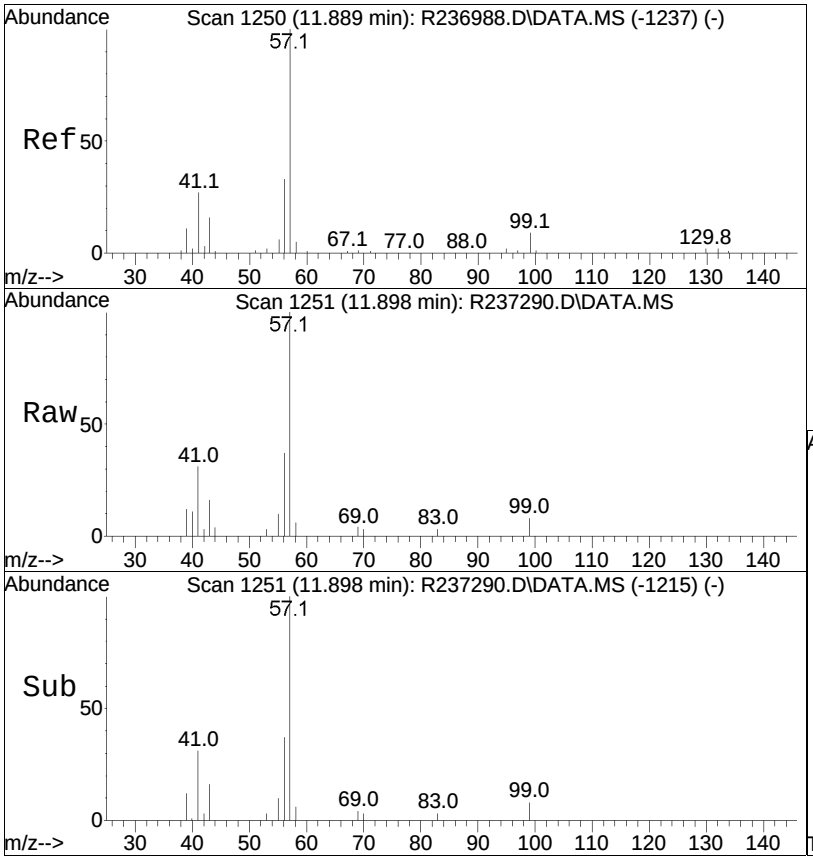


#53
cyclohexane
Concen: 0.24 ppbV
RT: 10.956 min Scan# 1151
Delta R.T. 0.009 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 56 Resp: 3184

Ion	Ratio	Lower	Upper
56	100		
84	100.7	91.1	136.7
41	55.0	42.2	63.2

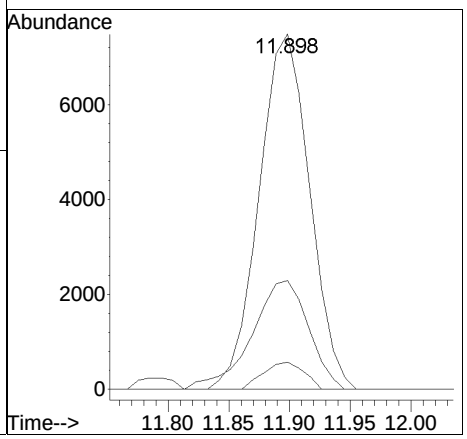


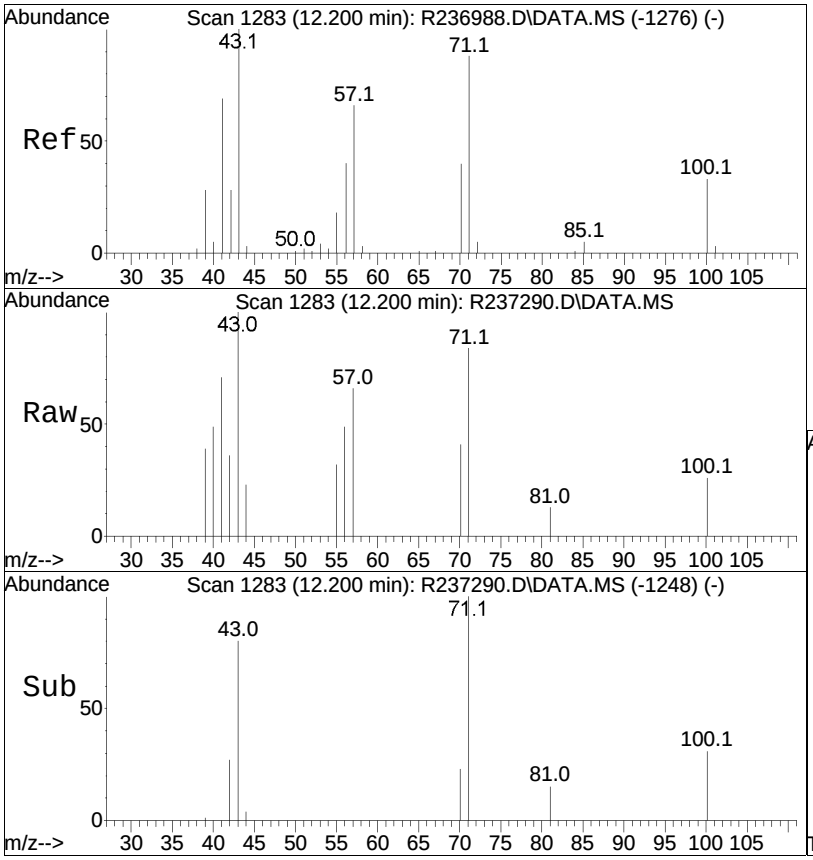


#60
2,2,4-trimethylpentane
Concen: 0.52 ppbV
RT: 11.898 min Scan# 1251
Delta R.T. 0.009 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 57 Resp: 21658

Ion	Ratio	Lower	Upper
57	100		
99	7.7	6.8	10.2
41	30.6	21.8	32.8

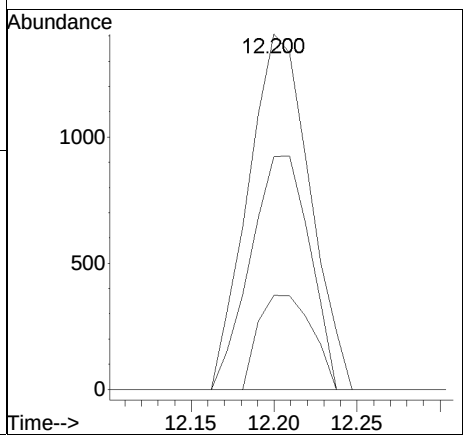


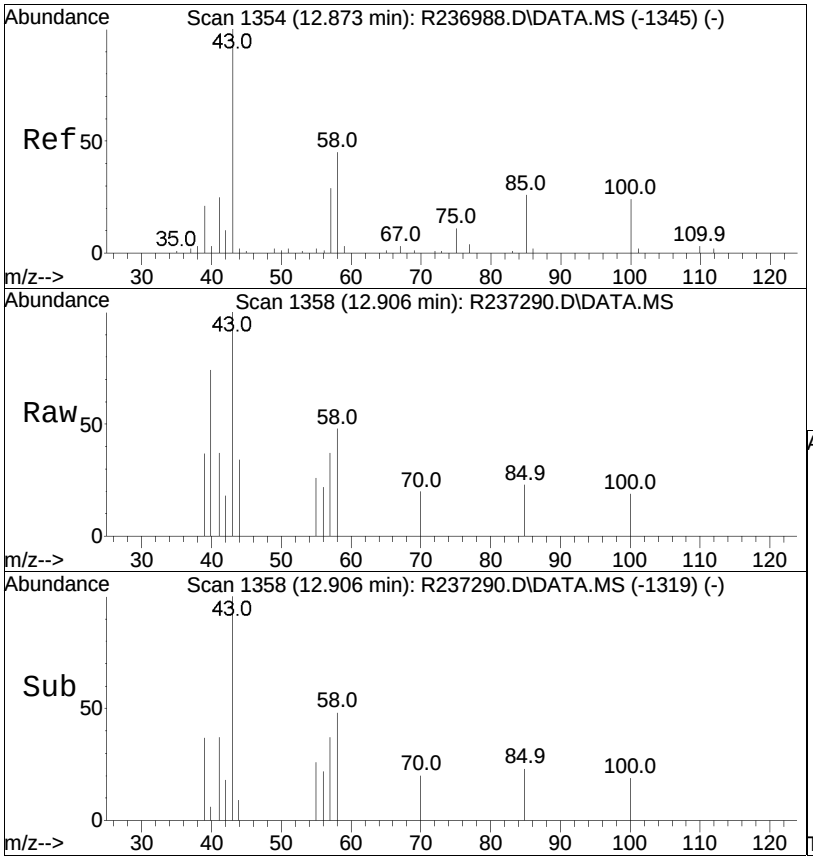


#62
heptane
Concen: 0.29 ppbV
RT: 12.200 min Scan# 1283
Delta R.T. -0.000 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 43 Resp: 3645

Ion	Ratio	Lower	Upper
43	100		
57	65.6	52.8	79.2
100	26.5	26.8	40.2#

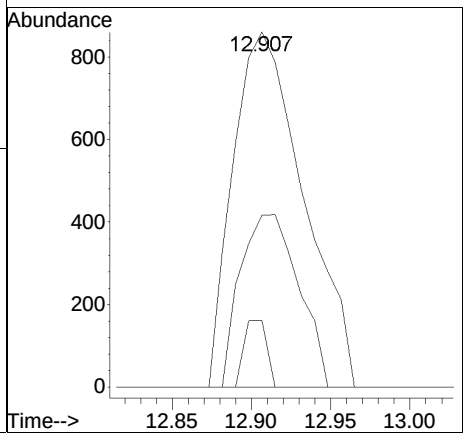


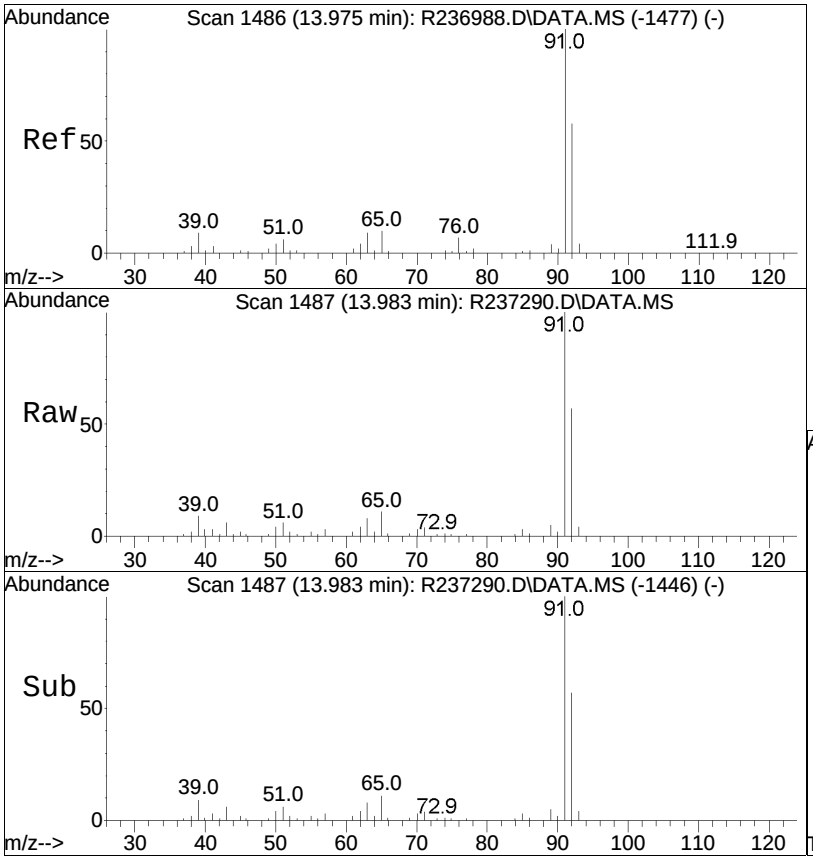


#64
4-methyl-2-pentanone
Concen: 0.14 ppbV
RT: 12.906 min Scan# 1358
Delta R.T. 0.033 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 43 Resp: 2664

Ion	Ratio	Lower	Upper
43	100		
58	48.5	35.7	53.5
100	18.8	19.0	28.6#

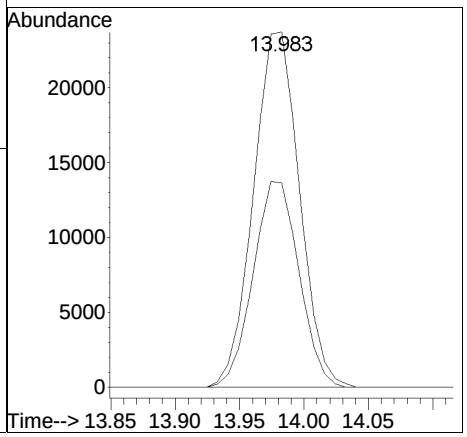


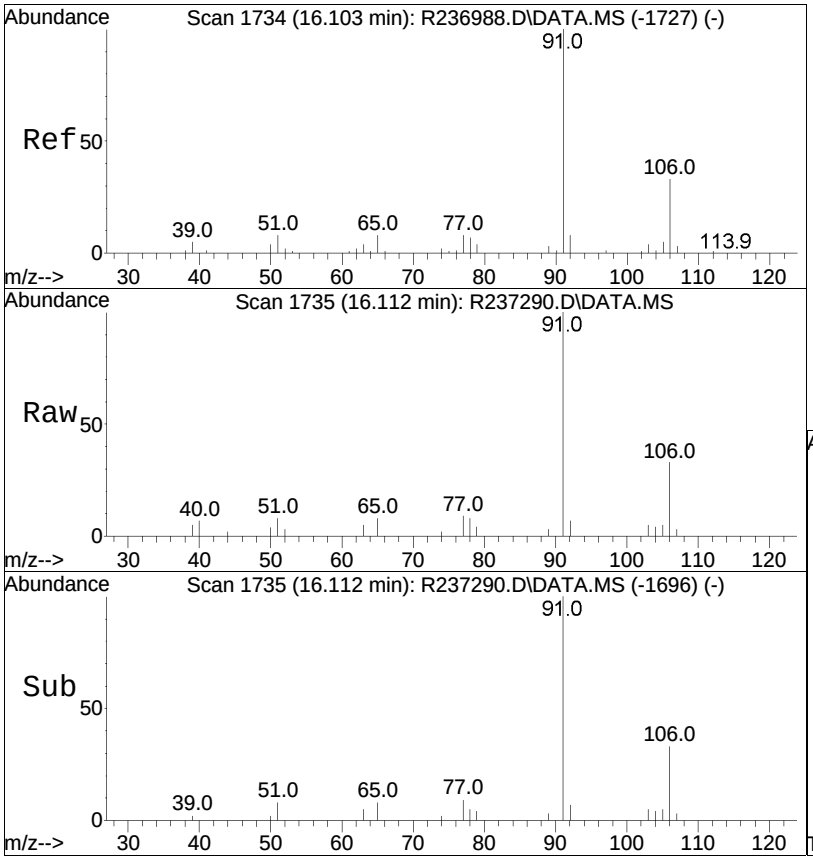


#68
toluene
Concen: 1.07 ppbV
RT: 13.983 min Scan# 1487
Delta R.T. 0.008 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 91 Resp: 59131

Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.6	70.0

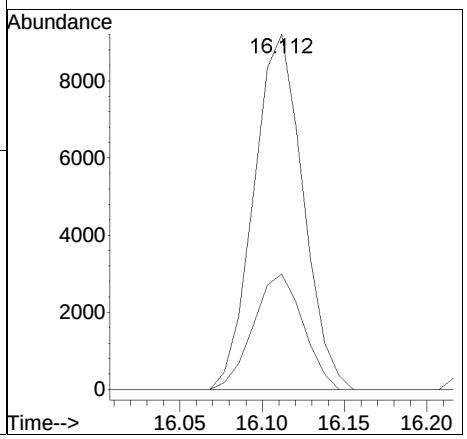


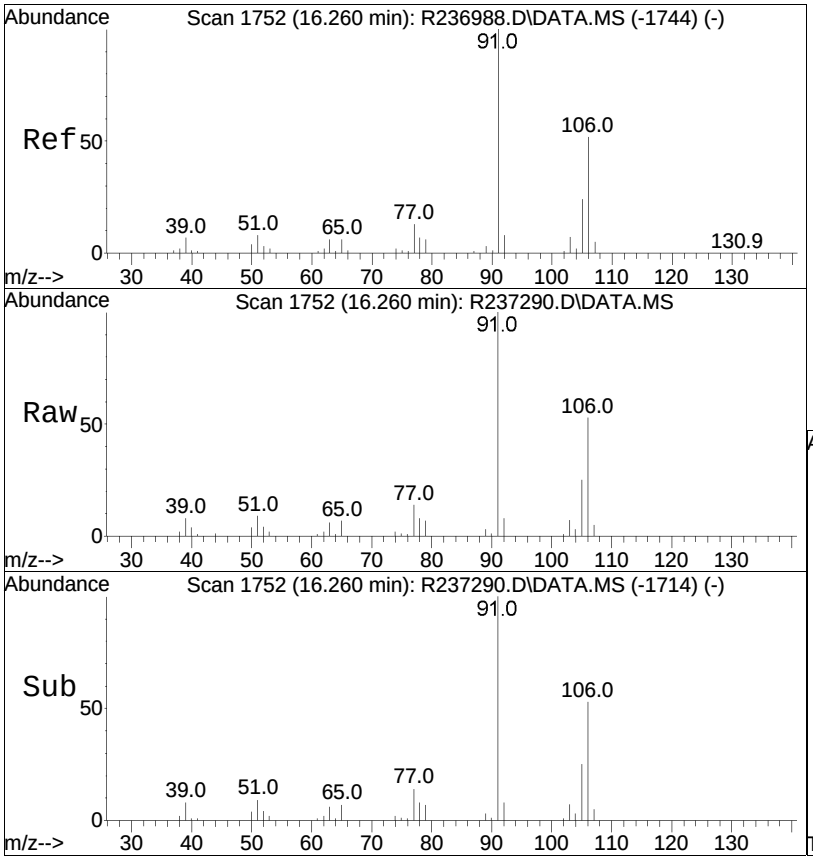


#81
ethylbenzene
Concen: 0.27 ppbV
RT: 16.112 min Scan# 1735
Delta R.T. 0.008 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 91 Resp: 19145

Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.6	40.0

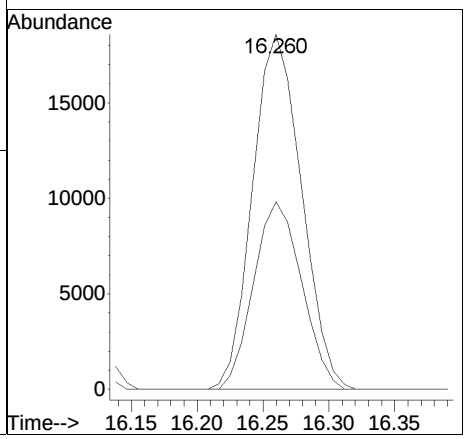


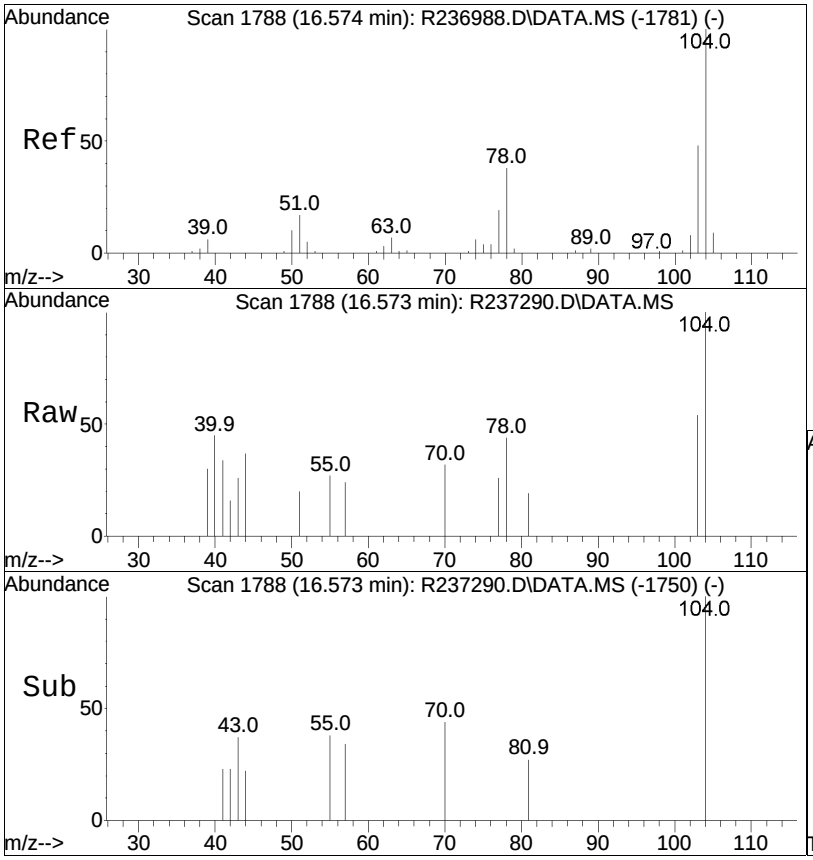


#83
m+p-xylene
Concen: 0.89 ppbV
RT: 16.260 min Scan# 1752
Delta R.T. -0.000 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 91 Resp: 47999

Ion	Ratio	Lower	Upper
91	100		
106	52.8	41.7	62.5

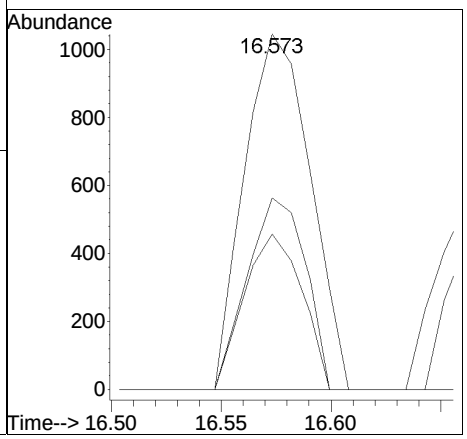


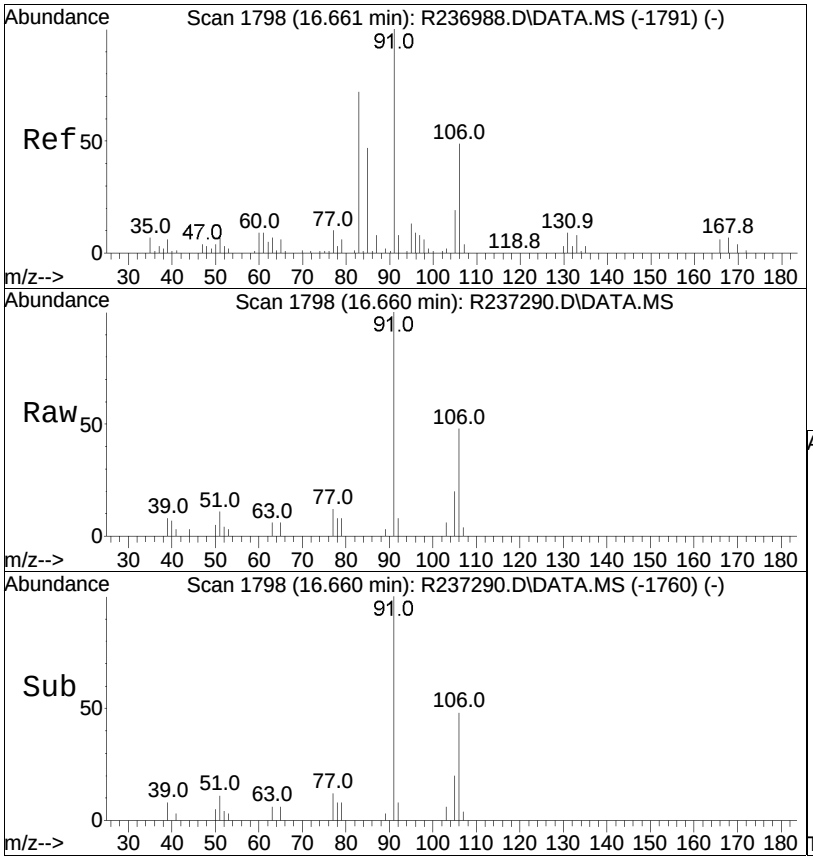


#85
styrene
Concen: 0.05 ppbV
RT: 16.573 min Scan# 1788
Delta R.T. -0.000 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:104 Resp: 2184

Ion	Ratio	Lower	Upper
104	100		
103	53.9	38.2	57.4
78	43.7	30.6	45.8

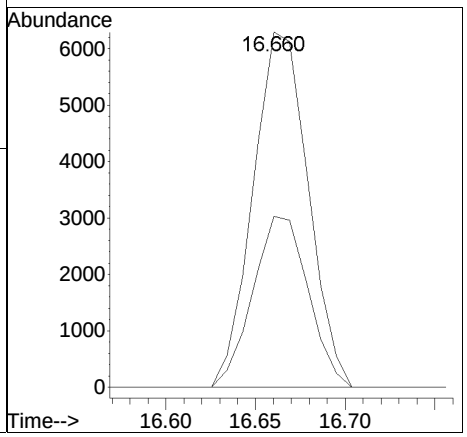


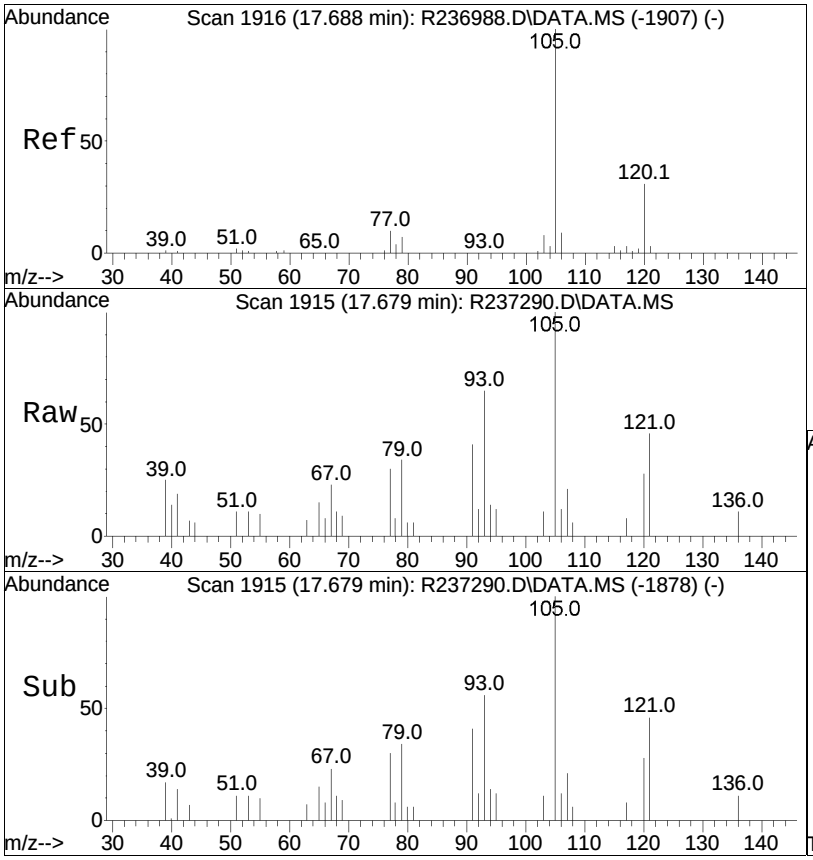


#87
o-xylene
Concen: 0.25 ppbV
RT: 16.660 min Scan# 1798
Delta R.T. -0.000 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion: 91 Resp: 13426

Ion	Ratio	Lower	Upper
91	100		
106	48.1	39.6	59.4

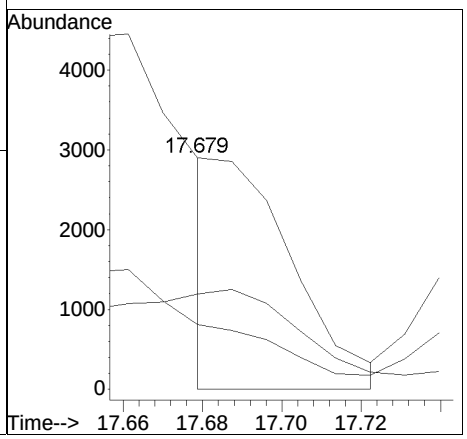


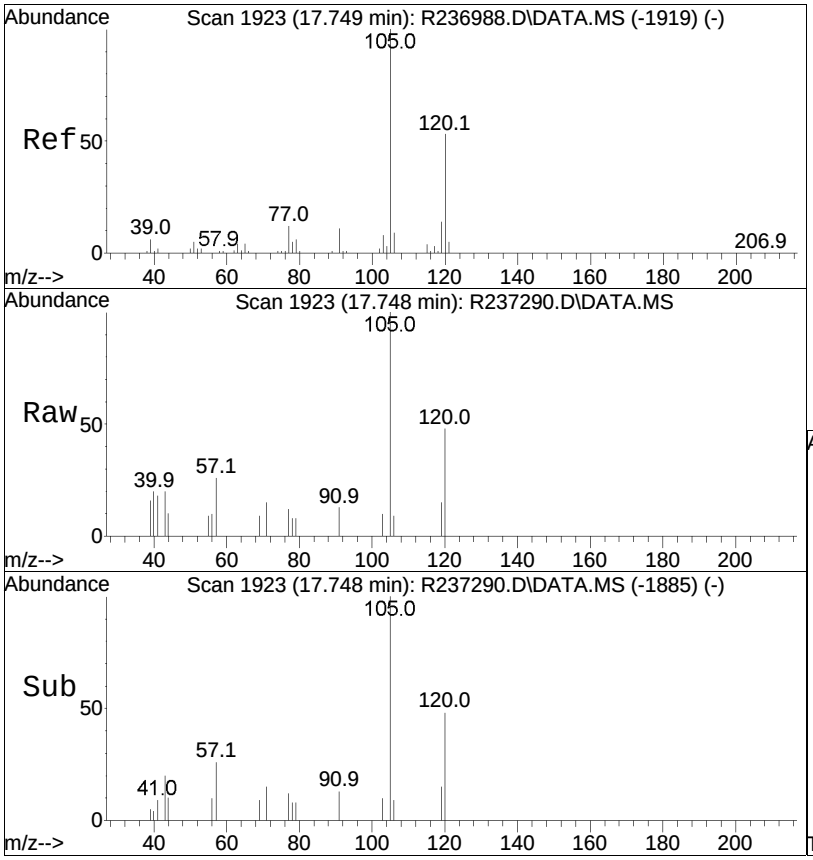


#96
4-ethyl toluene
Concen: 0.05 ppbV m
RT: 17.679 min Scan# 1915
Delta R.T. -0.009 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:105 Resp: 3899

Ion	Ratio	Lower	Upper
105	100		
120	28.0	25.1	37.7
91	41.2	8.8	13.2#

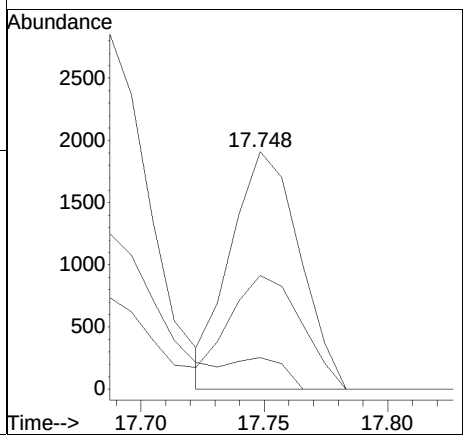


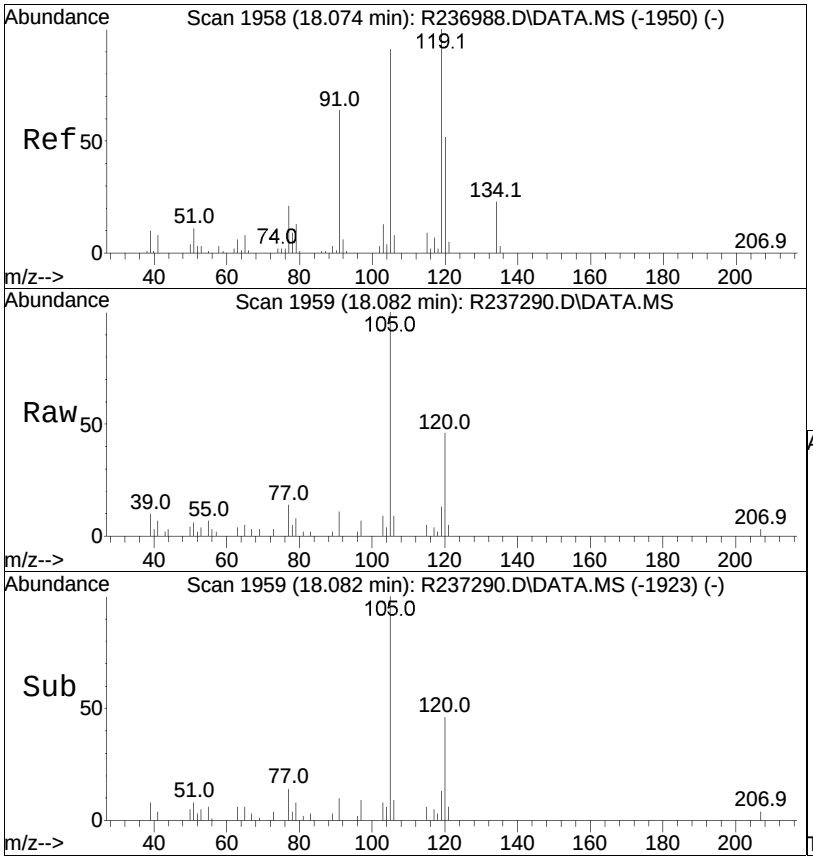


#97
1,3,5-trimethylbenzene
Concen: 0.06 ppbV
RT: 17.748 min Scan# 1923
Delta R.T. -0.000 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:105 Resp: 3692

Ion	Ratio	Lower	Upper
105	100		
120	48.0	40.7	61.1
91	13.4	8.5	12.7#

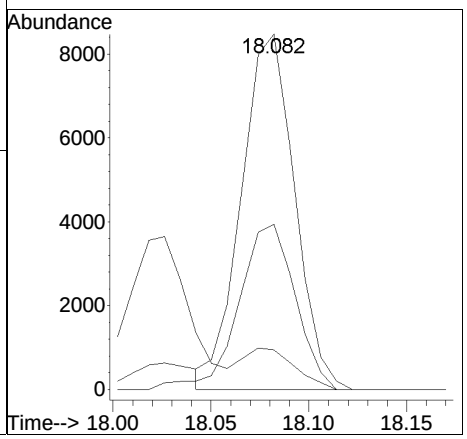


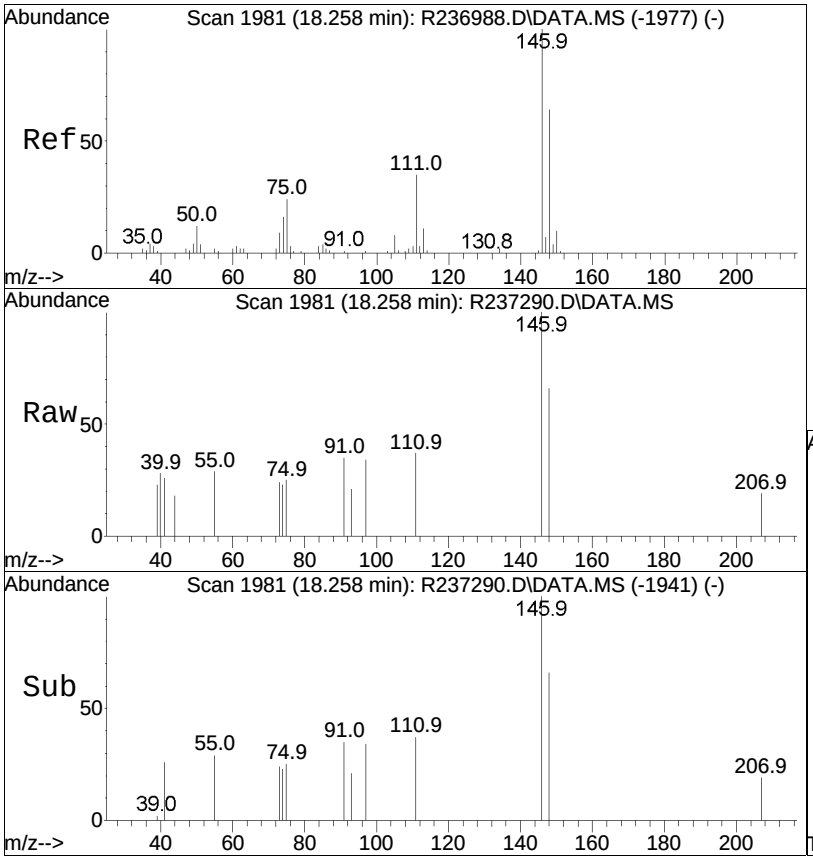


#99
1,2,4-trimethylbenzene
Concen: 0.25 ppbV
RT: 18.082 min Scan# 1959
Delta R.T. 0.008 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:105 Resp: 16078

Ion	Ratio	Lower	Upper
105	100		
120	46.5	45.9	68.9
91	11.1	56.2	84.2#

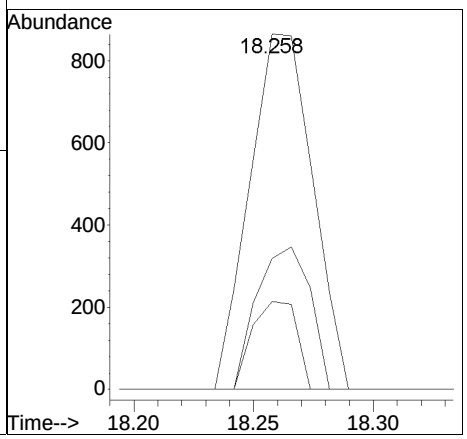




#103
1,4-dichlorobenzene
Concen: 0.03 ppbV
RT: 18.258 min Scan# 1981
Delta R.T. -0.000 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:146 Resp: 1588

Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.7	41.5
75	24.7	18.8	28.2

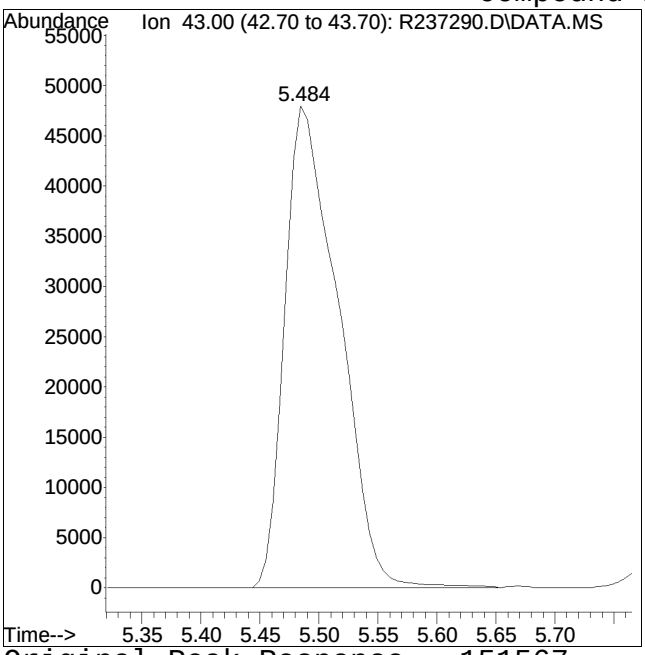


Manual Integration Report

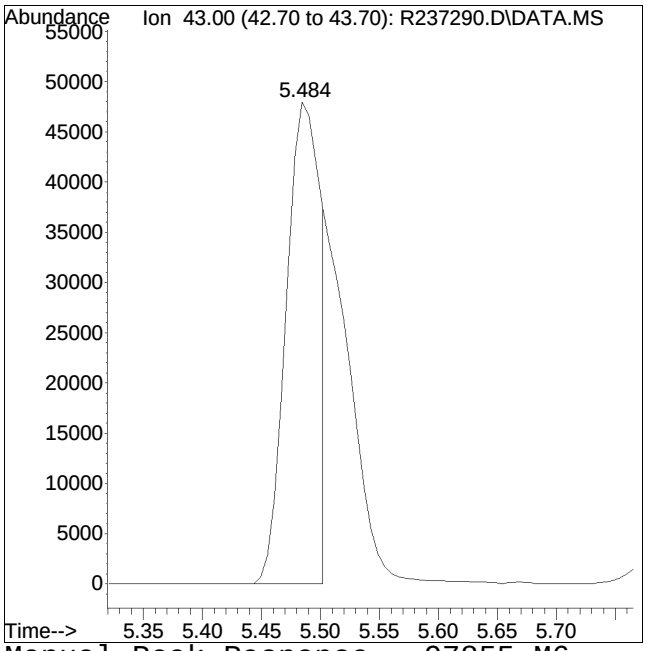
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237290.D
Date Inj'd : 12/12/2025 2:23 am
Sample : L2576049-01,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 8:59 am

Compound #19: acetone



Original Peak Response = 151567



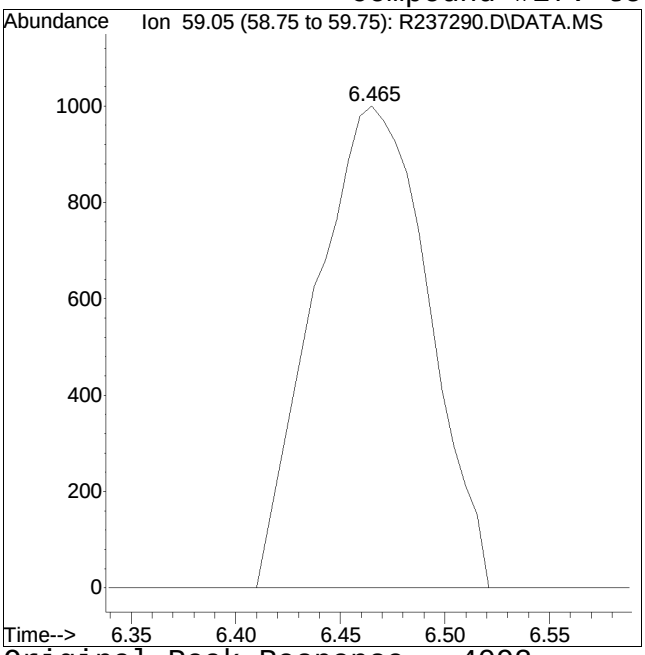
Manual Peak Response = 97855 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

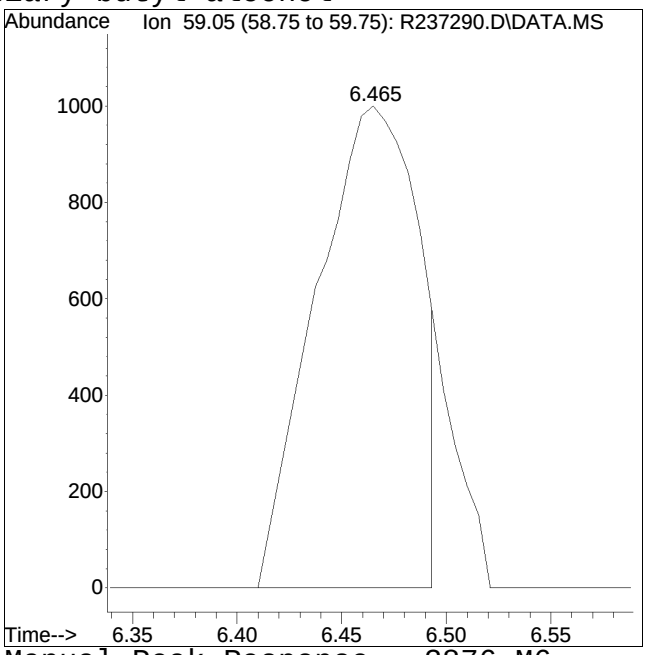
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237290.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 2:23 am Instrument : Airlab 23
Sample : L2576049-01,3,250,250 Quant Date : 12/12/2025 8:59 am

Compound #27: tertiary butyl alcohol



Original Peak Response = 4092



Manual Peak Response = 3876 M6

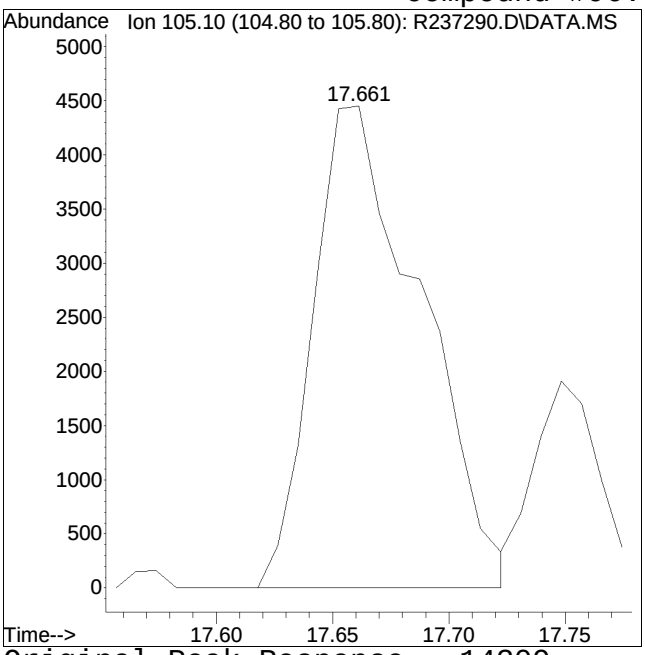
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

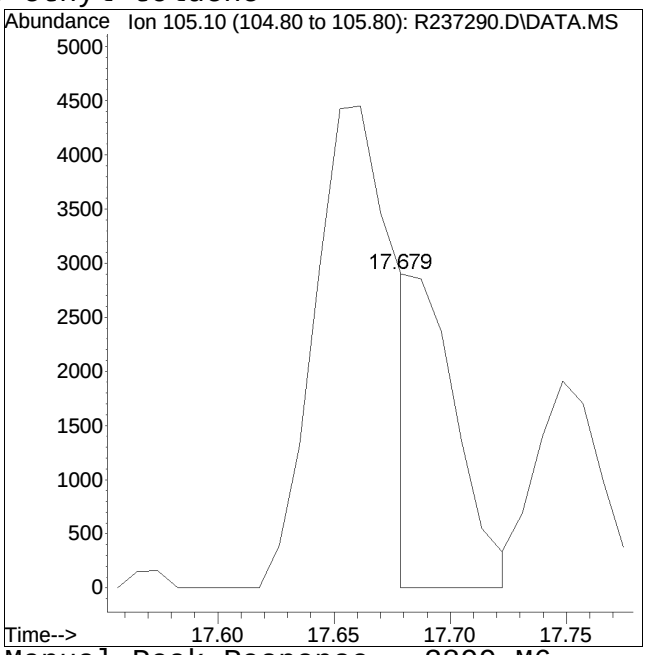
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237290.D
Date Inj'd : 12/12/2025 2:23 am
Sample : L2576049-01,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 8:59 am

Compound #96: 4-ethyl toluene



Original Peak Response = 14309



Manual Peak Response = 3899 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237291.D
Acq On : 12 Dec 2025 03:05 am
Operator : AIRLAB23:APR
Sample : L2576049-02,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 09:00:52 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.862	49	147315	10.000	ppbV	-0.01
Standard Area = 166247			Recovery =		88.61%	
43) 1,4-difluorobenzene	11.057	114	509722	10.000	ppbV	0.00
Standard Area = 589128			Recovery =		86.52%	
67) chlorobenzene-D5	15.734	54	75927	10.000	ppbV	0.00
Standard Area = 84733			Recovery =		89.61%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.863	85	16833	0.423	ppbV	100
6) chloromethane	4.033	50	5906	0.535	ppbV	97
7) Freon-114	4.132		0	N.D.		
10) 1,3-butadiene	4.390	54	467	0.050	ppbV #	45
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	4.987	31	70483	12.409	ppbV	86
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.479	43	102277M6	7.109	ppbV	
21) trichlorofluoromethane	5.666	101	7630	0.180	ppbV	97
22) isopropyl alcohol	5.771	45	22862	1.510	ppbV	99
27) tertiary butyl alcohol	6.438	59	2202M6	0.116	ppbV	
28) methylene chloride	6.493	49	1647	0.129	ppbV	92
29) 3-chloropropene	6.549	41	1180	0.115	ppbV #	48
30) carbon disulfide	6.801		0	N.D.		
31) Freon 113	6.796	101	2015	0.059	ppbV	88
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	7.774		0	N.D.		
36) 2-butanone	8.213	43	6429	0.350	ppbV	97
38) Ethyl Acetate	8.968	61	259	0.075	ppbV #	7
39) chloroform	9.017		0	N.D.		
40) Tetrahydrofuran	9.498	42	584	0.062	ppbV	97
42) 1,2-dichloroethane	9.840		0	N.D.		
44) hexane	8.936	57	8936	0.660	ppbV #	5
50) benzene	10.642	78	16171	0.435	ppbV	98
53) cyclohexane	10.953	56	2500	0.184	ppbV	91
56) 1,2-dichloropropane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237291.D
Acq On : 12 Dec 2025 03:05 am
Operator : AIRLAB23:APR
Sample : L2576049-02,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 09:00:52 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

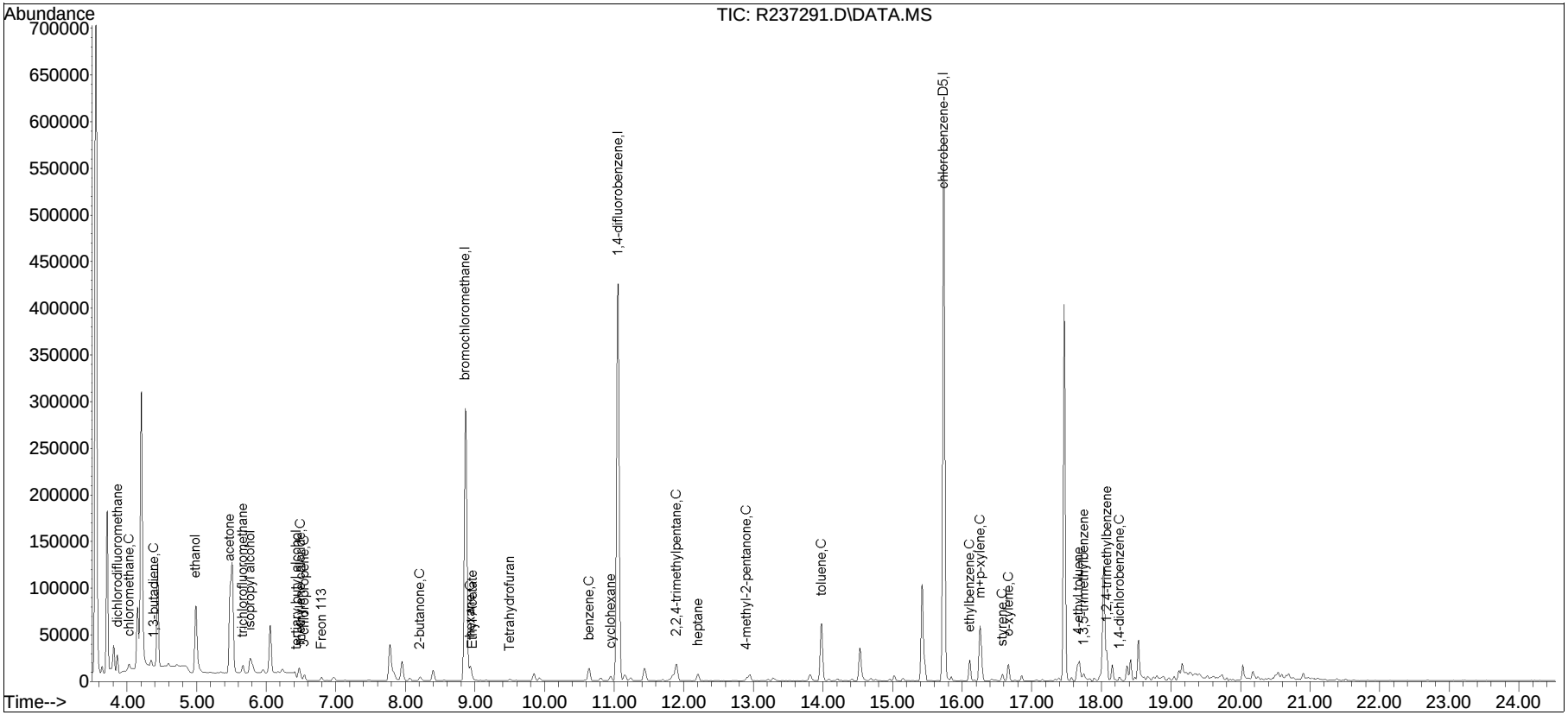
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	bromodichloromethane	11.886		0	N.D.			
58)	1,4-dioxane	0.000		0	N.D.			
60)	2,2,4-trimethylpentane	11.895	57	20985	0.501	ppbV		93
62)	heptane	12.206	43	3057	0.238	ppbV		88
63)	cis-1,3-dichloropropene	0.000		0	N.D.			
64)	4-methyl-2-pentanone	12.904	43	3106	0.166	ppbV		97
65)	trans-1,3-dichloropropene	0.000		0	N.D.			
66)	1,1,2-trichloroethane	0.000		0	N.D.			
68)	toluene	13.980	91	56897	1.082	ppbV		96
72)	2-hexanone	14.313		0	N.D.			
74)	dibromochloromethane	0.000		0	N.D.			
75)	1,2-dibromoethane	0.000		0	N.D.			
80)	chlorobenzene	0.000		0	N.D.			
81)	ethylbenzene	16.109	91	21360	0.318	ppbV		100
83)	m+p-xylene	16.257	91	52871	1.036	ppbV		98
84)	bromoform	0.000		0	N.D.			
85)	styrene	16.579	104	3316	0.083	ppbV		98
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.			
87)	o-xylene	16.666	91	14420	0.279	ppbV		98
96)	4-ethyl toluene	17.676	105	4708M6	0.069	ppbV		
97)	1,3,5-trimethylbenzene	17.745	105	4026	0.070	ppbV	#	98
99)	1,2,4-trimethylbenzene	18.079	105	18514M4	0.303	ppbV		
101)	Benzyl Chloride	18.263		0	N.D.			
102)	1,3-dichlorobenzene	0.000		0	N.D.	d		
103)	1,4-dichlorobenzene	18.263	146	1836	0.040	ppbV	#	82
107)	1,2-dichlorobenzene	0.000		0	N.D.			
115)	1,2,4-trichlorobenzene	0.000		0	N.D.			
116)	naphthalene	20.086		0	N.D.			
119)	hexachlorobutadiene	0.000		0	N.D.			

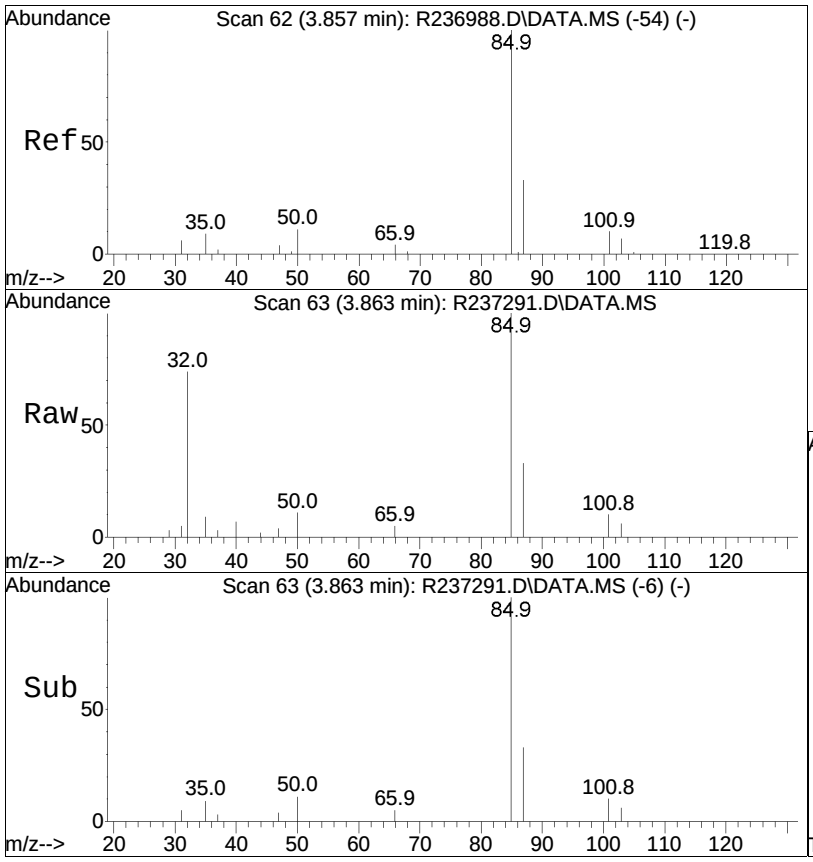
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .3\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237291.D
Acq On : 12 Dec 2025 03:05 am
Operator : AIRLAB23:APR
Sample : L2576049-02,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 09:00:52 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

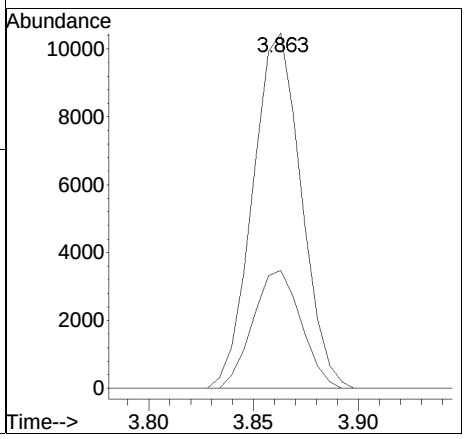


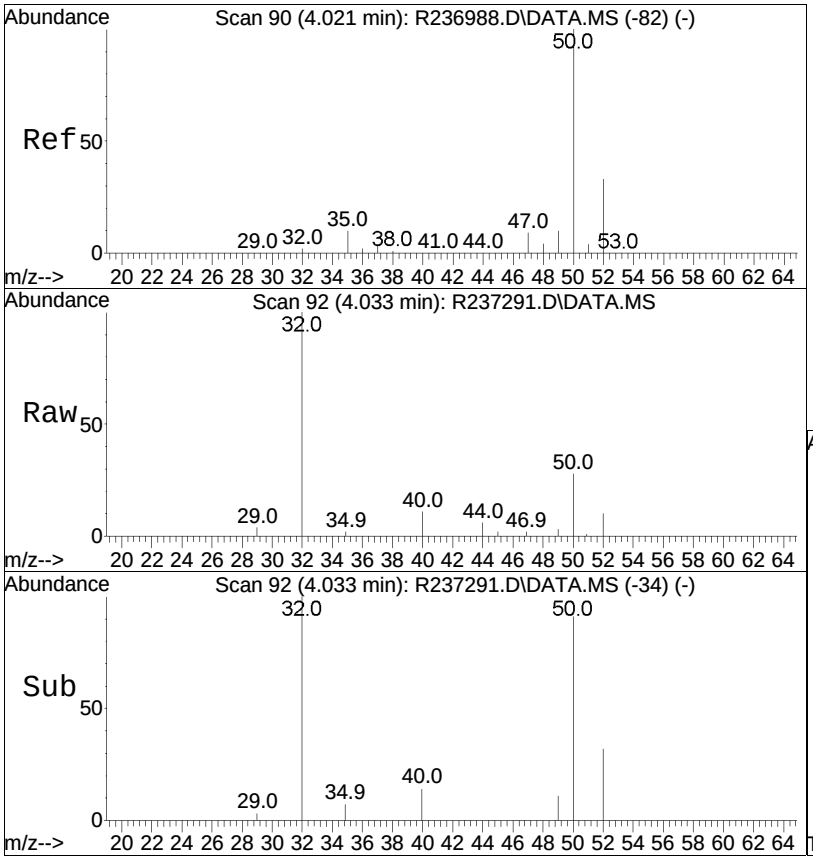


#5
dichlorodifluoromethane
Concen: 0.42 ppbV
RT: 3.863 min Scan# 63
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 85 Resp: 16833

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.8	40.2

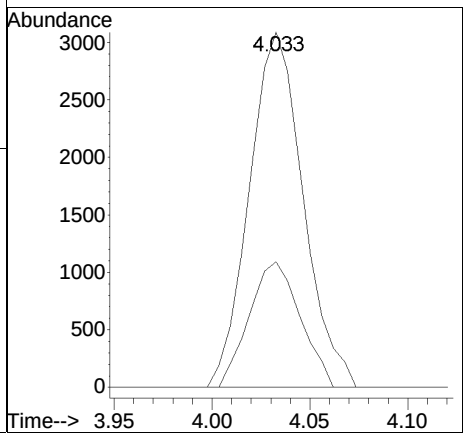


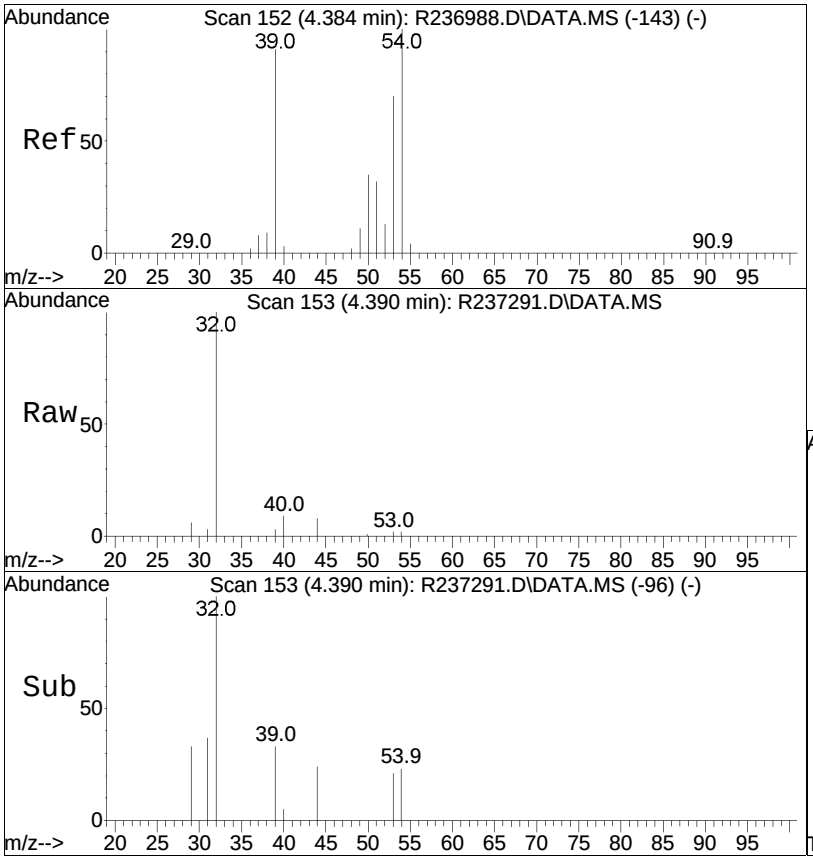


#6
chloromethane
Concen: 0.53 ppbV
RT: 4.033 min Scan# 92
Delta R.T. 0.012 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 50 Resp: 5906

Ion	Ratio	Lower	Upper
50	100		
52	35.4	26.8	40.2

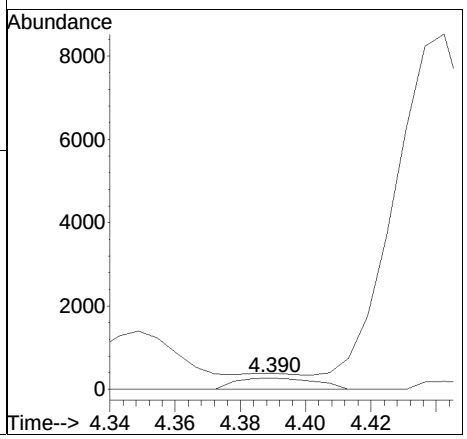


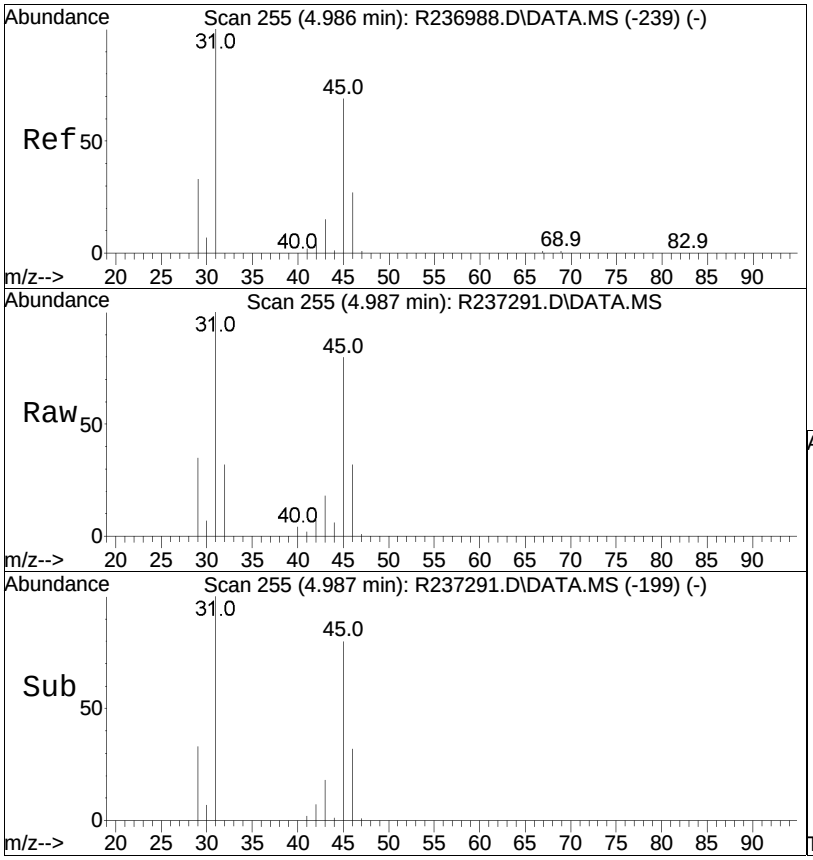


#10
1,3-butadiene
Concen: 0.05 ppbV
RT: 4.390 min Scan# 153
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 54 Resp: 467

Ion	Ratio	Lower	Upper
54	100		
39	143.6	73.1	109.7#

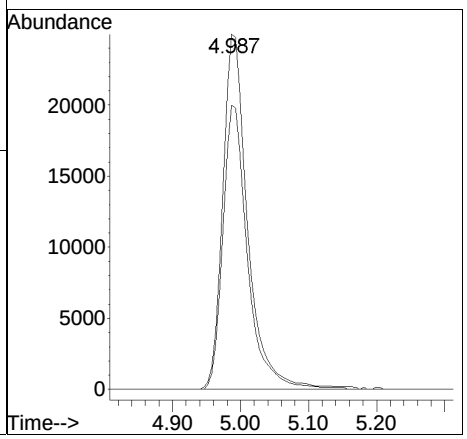


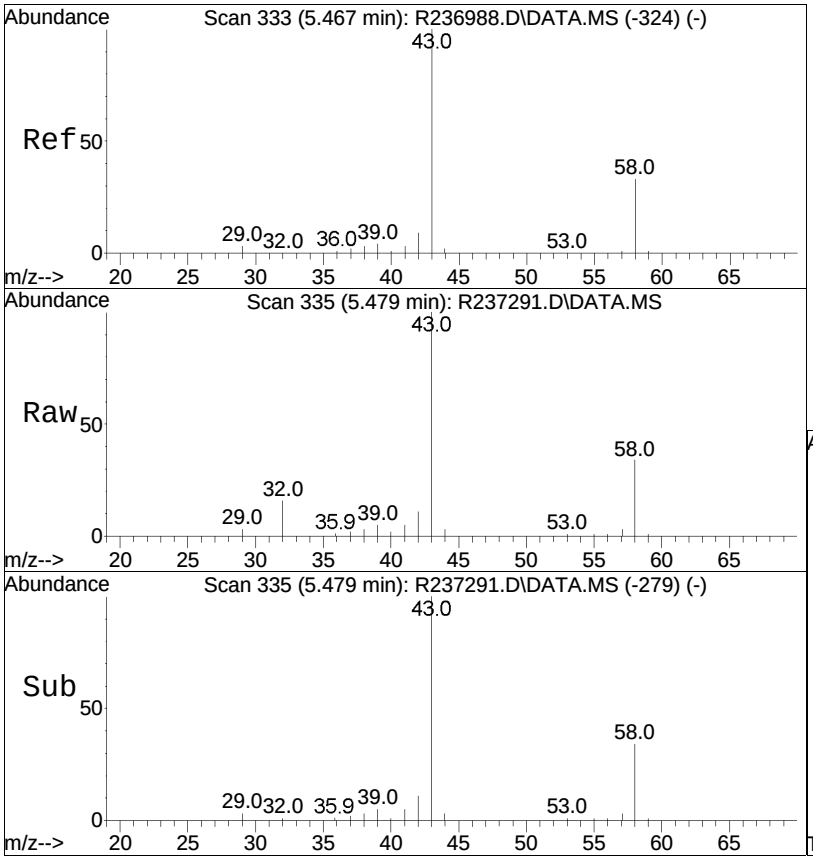


#15
ethanol
Concen: 12.41 ppbV
RT: 4.987 min Scan# 255
Delta R.T. 0.000 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 31 Resp: 70483

Ion	Ratio	Lower	Upper
31	100		
45	80.0	55.0	82.6

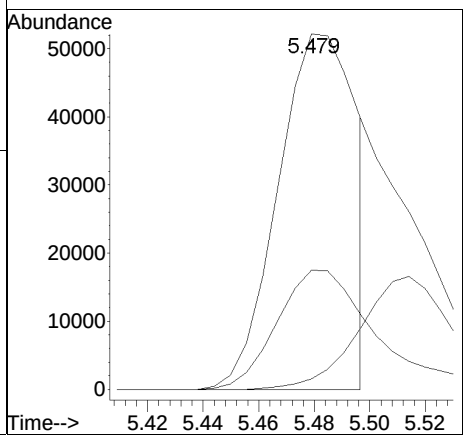


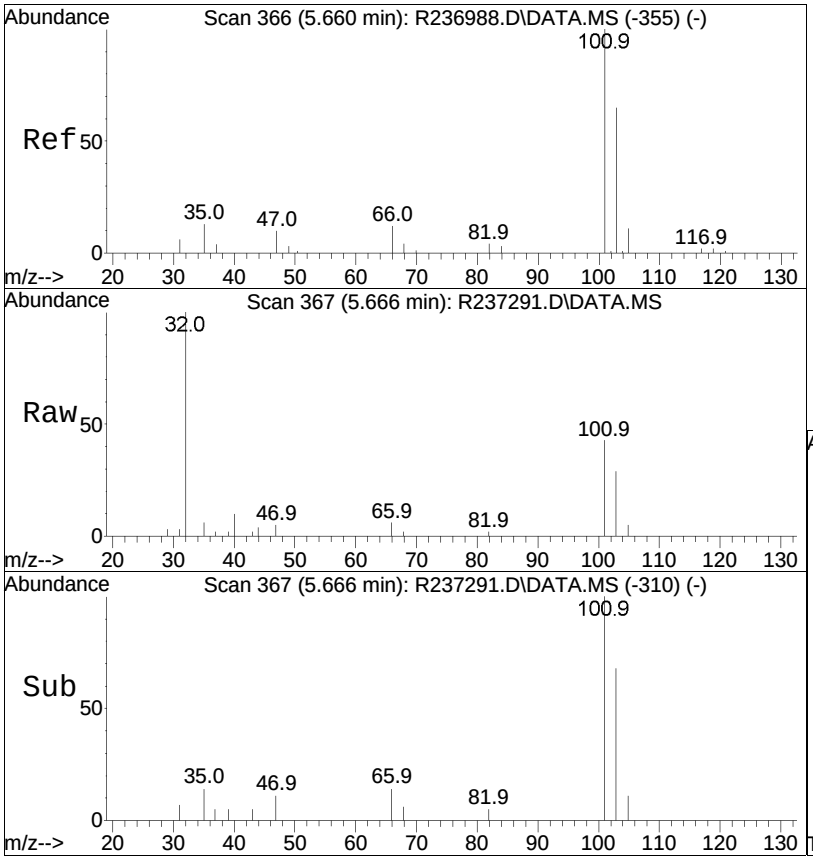


#19
acetone
Concen: 7.11 ppbV m
RT: 5.479 min Scan# 335
Delta R.T. 0.012 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 43 Resp: 102277

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.2	39.4
57	3.0	0.7	1.1#

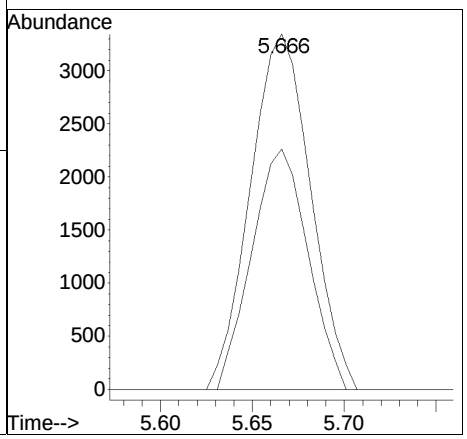


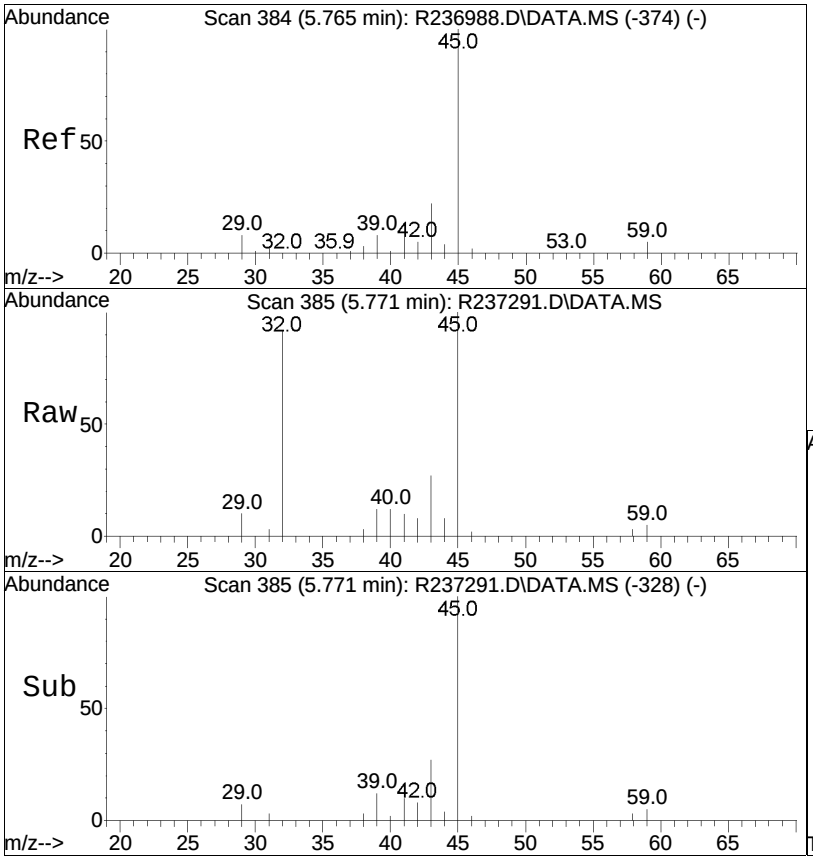


#21
trichlorofluoromethane
Concen: 0.18 ppbV
RT: 5.666 min Scan# 367
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:101 Resp: 7630

Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.1	78.1

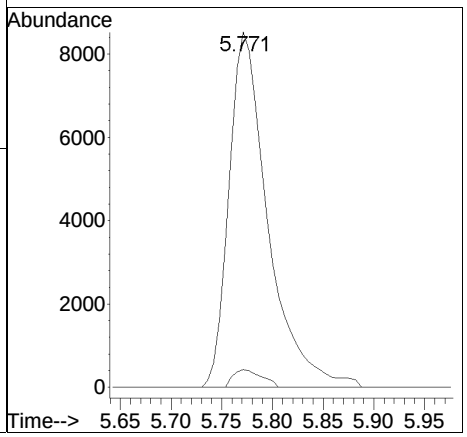


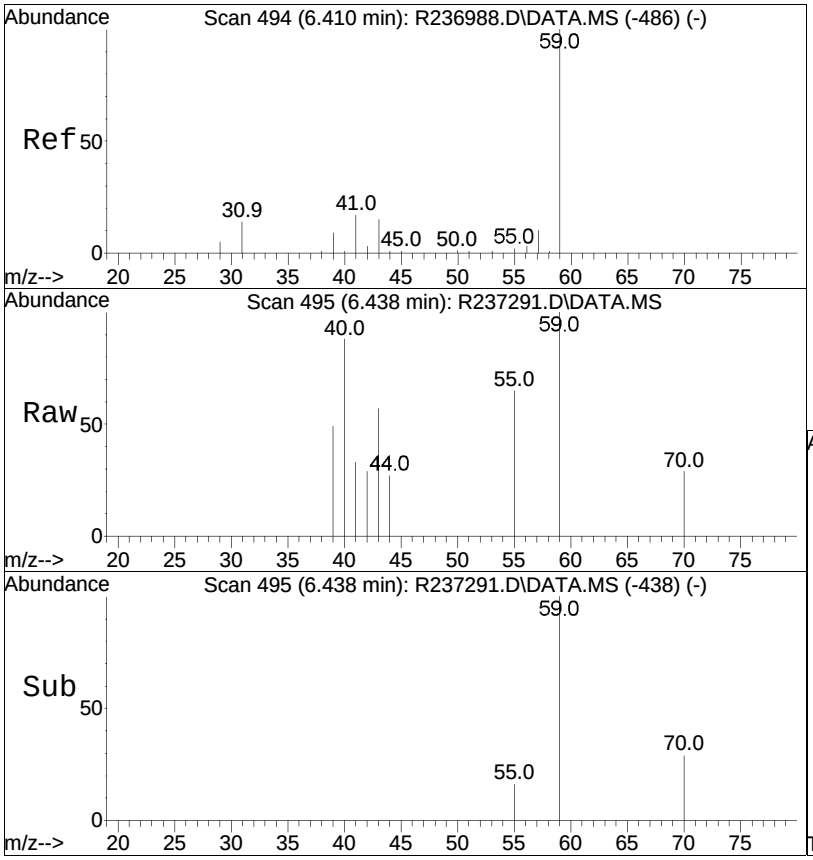


#22
isopropyl alcohol
Concen: 1.51 ppbV
RT: 5.771 min Scan# 385
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 45 Resp: 22862

Ion	Ratio	Lower	Upper
45	100		
59	5.0	3.8	5.6

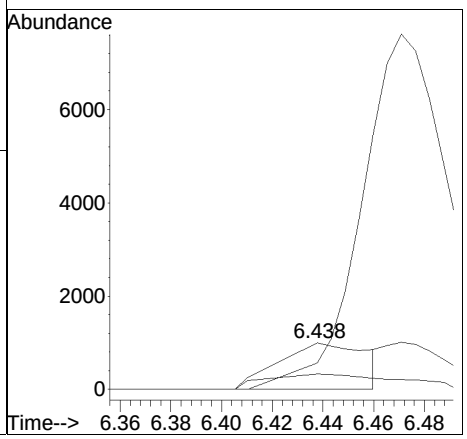


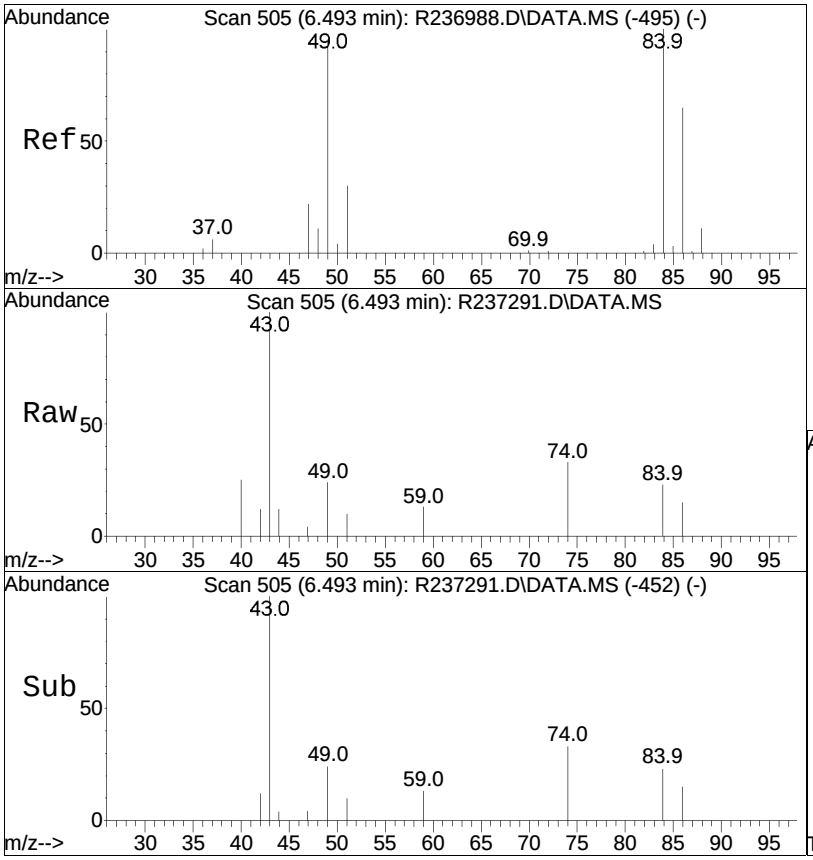


#27
tertiary butyl alcohol
Concen: 0.12 ppbV m
RT: 6.438 min Scan# 495
Delta R.T. 0.028 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 59 Resp: 2202

Ion	Ratio	Lower	Upper
59	100		
41	33.1	13.6	20.4#
43	56.8	11.7	17.5#

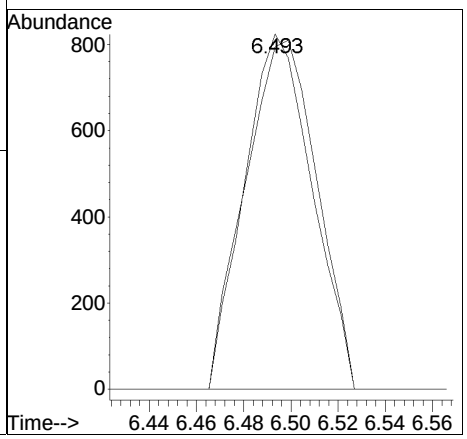


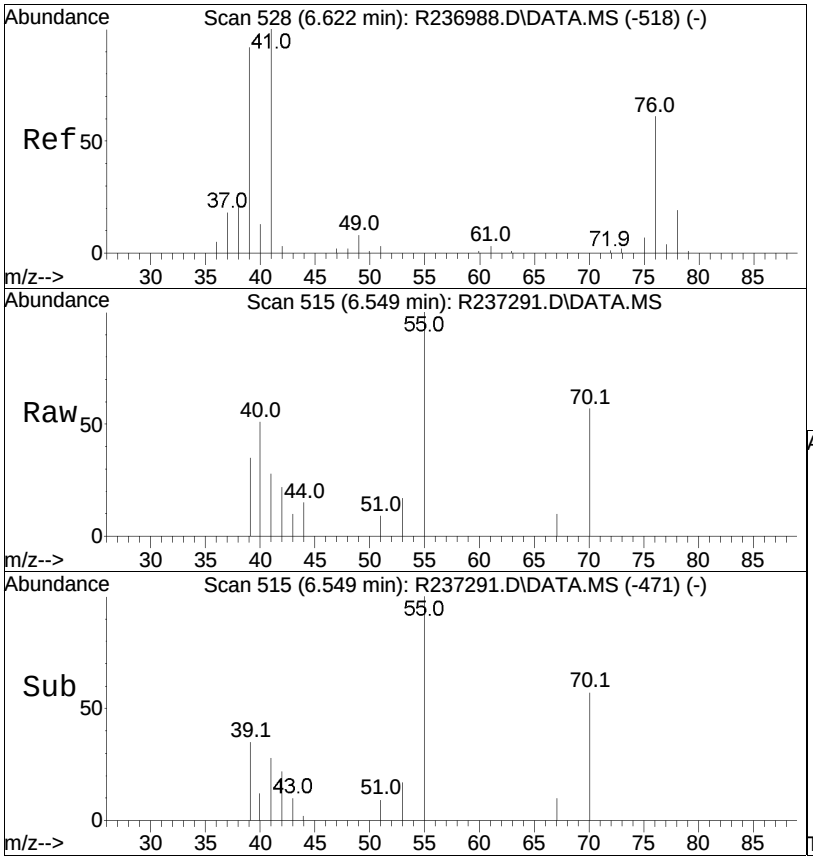


#28
methylene chloride
Concen: 0.13 ppbV
RT: 6.493 min Scan# 505
Delta R.T. 0.000 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 49 Resp: 1647

Ion	Ratio	Lower	Upper
49	100		
84	96.4	83.7	125.5

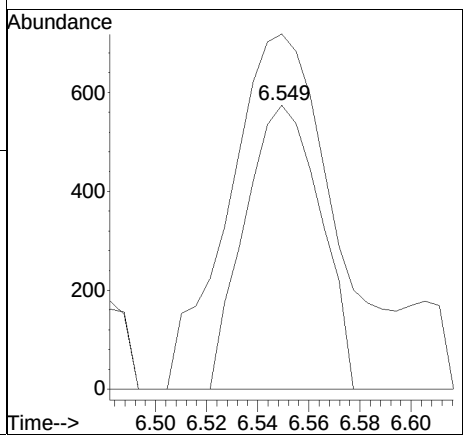


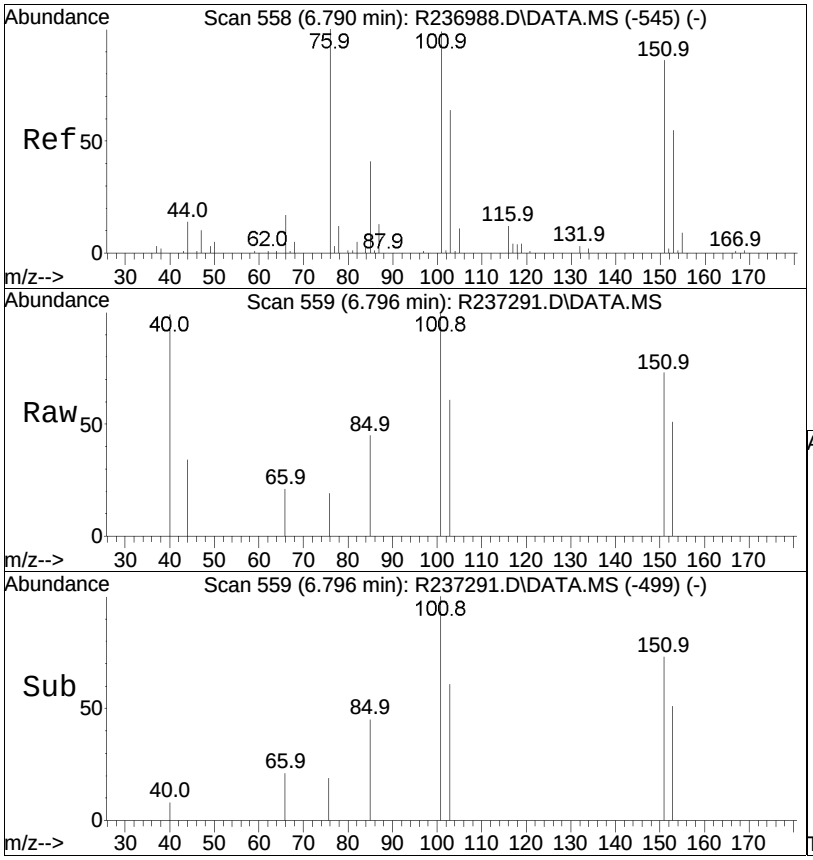


#29
3-chloropropene
Concen: 0.11 ppbV
RT: 6.549 min Scan# 515
Delta R.T. -0.073 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 41 Resp: 1180

Ion	Ratio	Lower	Upper
41	100		
39	125.1	73.8	110.8#
76	0.0	48.8	73.2#

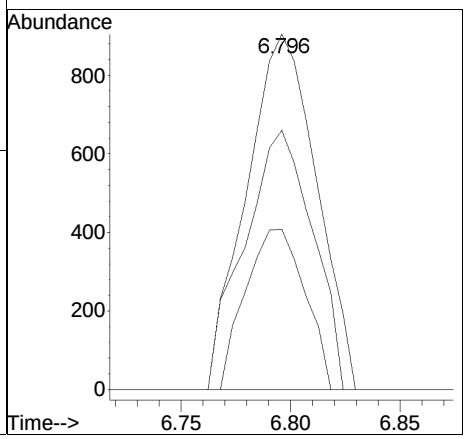


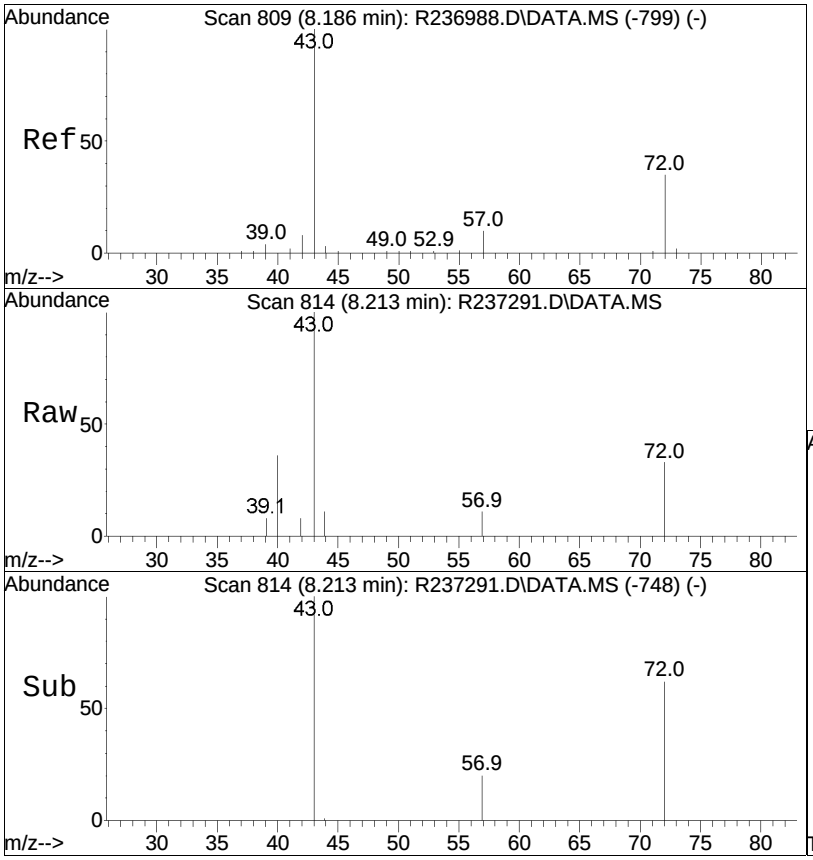


#31
Freon 113
Concen: 0.06 ppbV
RT: 6.796 min Scan# 559
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:101 Resp: 2015

Ion	Ratio	Lower	Upper
101	100		
85	45.1	33.0	49.6
151	72.9	69.8	104.8

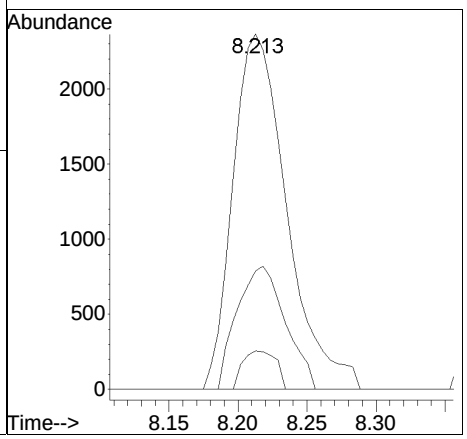


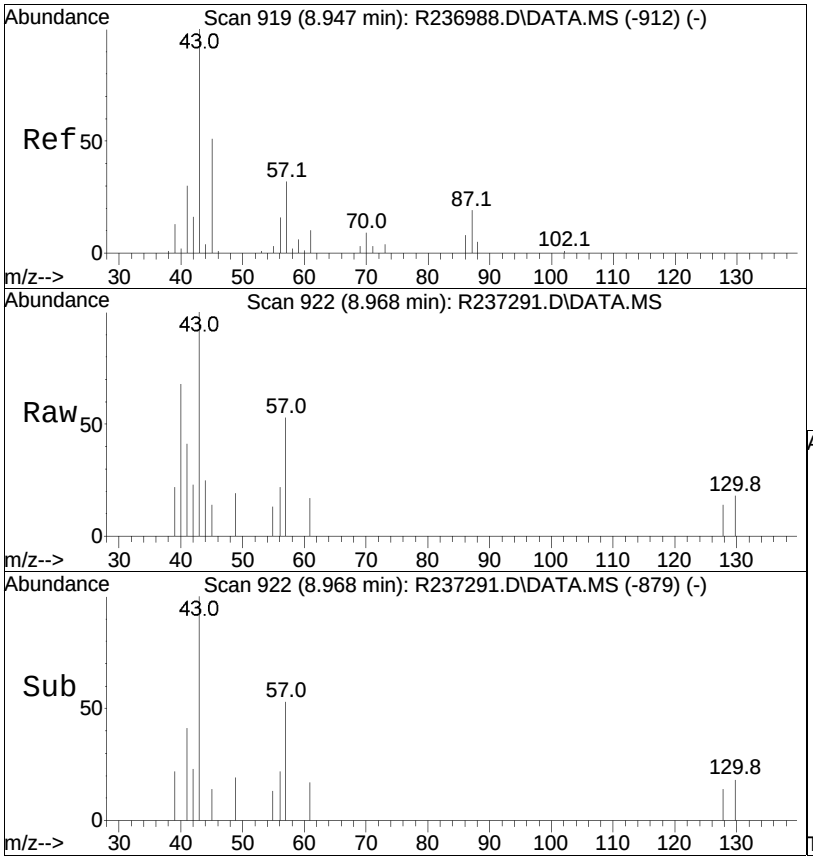


#36
2-butanone
Concen: 0.35 ppbV
RT: 8.213 min Scan# 814
Delta R.T. 0.027 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 43 Resp: 6429

Ion	Ratio	Lower	Upper
43	100		
72	33.3	27.8	41.6
57	10.9	7.7	11.5

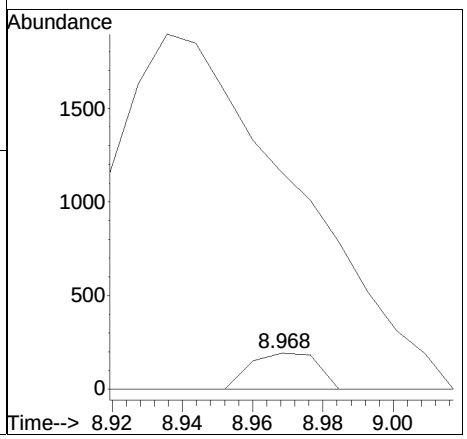


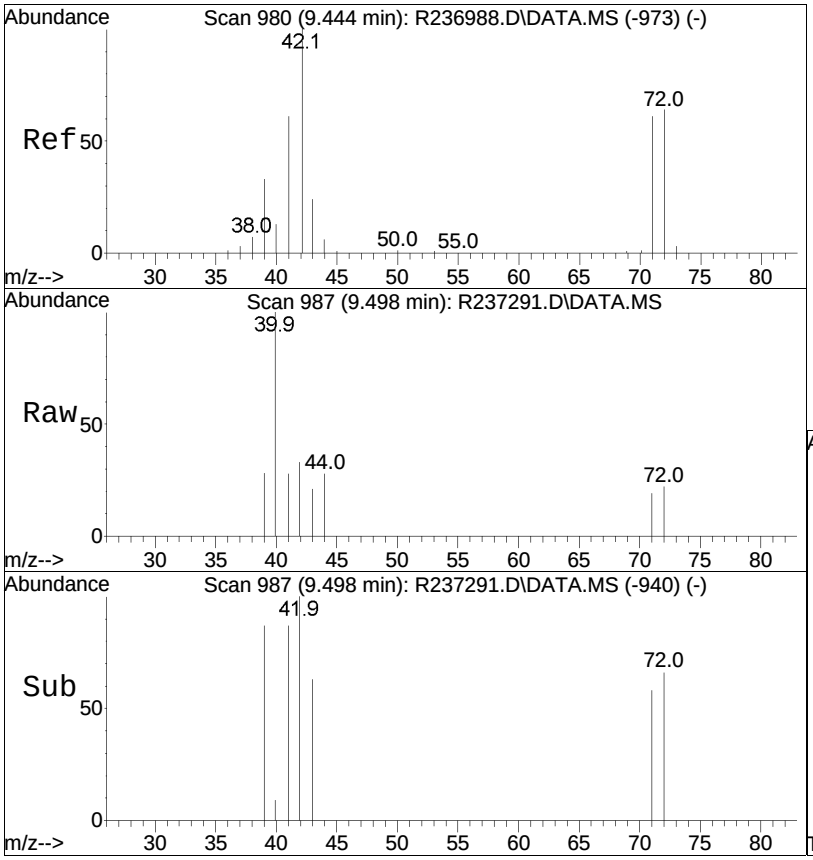


#38
Ethyl Acetate
Concen: 0.08 ppbV
RT: 8.968 min Scan# 922
Delta R.T. 0.021 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 61 Resp: 259

Ion	Ratio	Lower	Upper
61	100		
70	0.0	72.2	108.2#
43	600.0	818.1	1227.1#

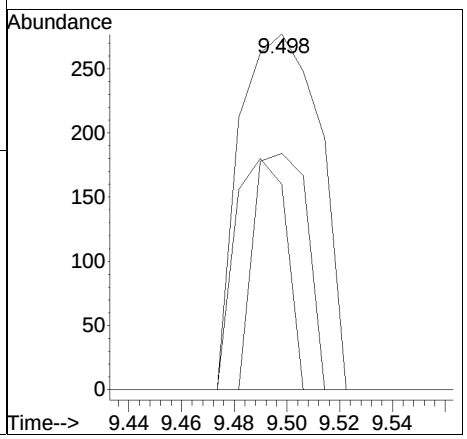


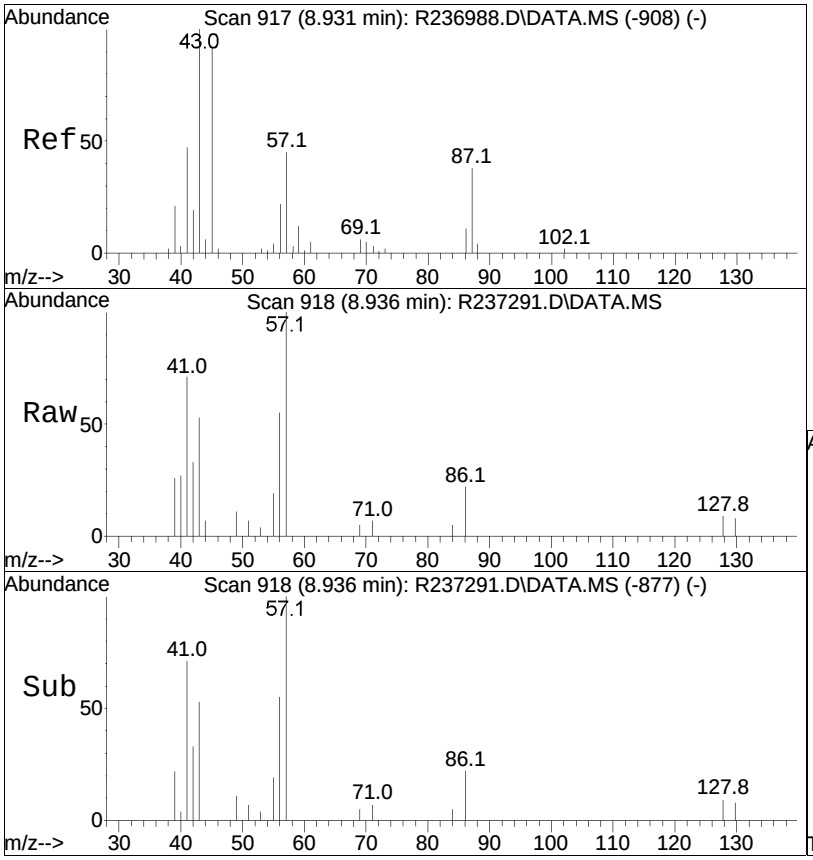


#40
Tetrahydrofuran
Concen: 0.06 ppbV
RT: 9.498 min Scan# 987
Delta R.T. 0.054 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 42 Resp: 584

Ion	Ratio	Lower	Upper
42	100		
71	57.8	48.6	72.8
72	66.4	51.2	76.8

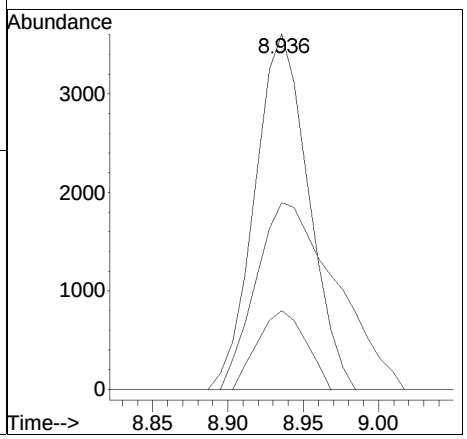


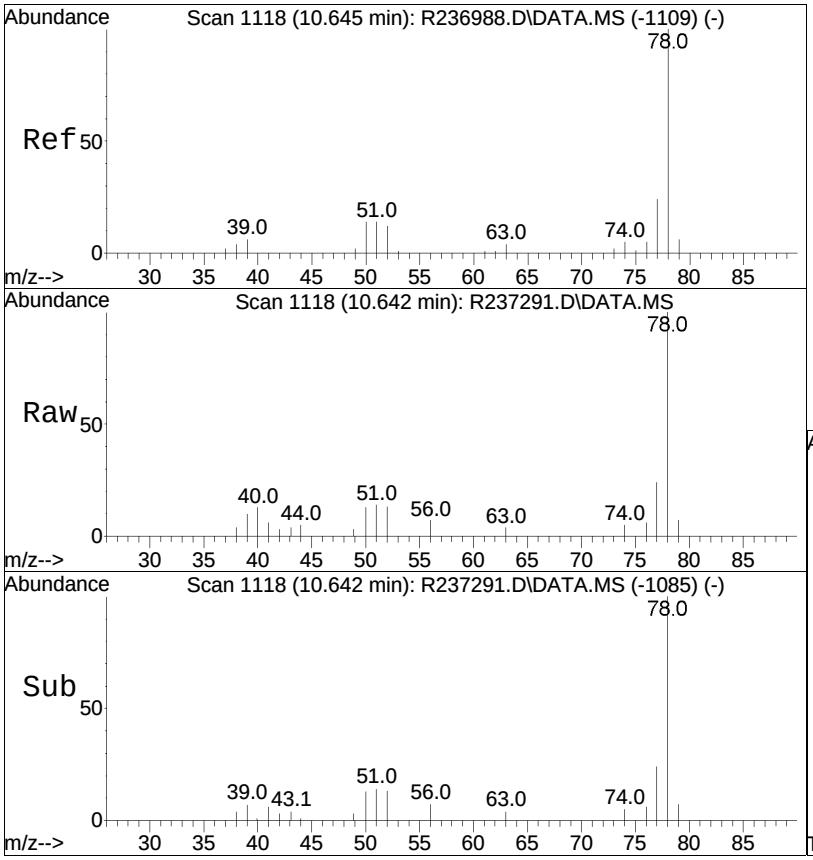


#44
hexane
Concen: 0.66 ppbV
RT: 8.936 min Scan# 918
Delta R.T. 0.005 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 57 Resp: 8936

Ion	Ratio	Lower	Upper
57	100		
43	52.6	177.1	265.7#
86	22.2	18.6	28.0

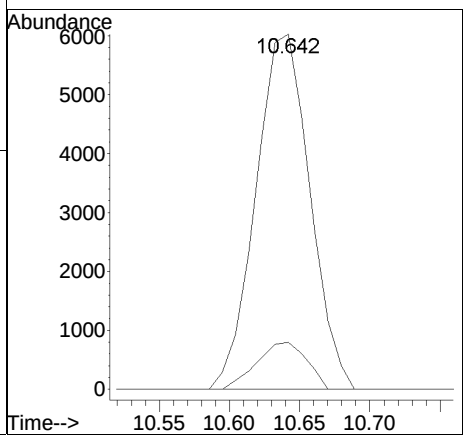


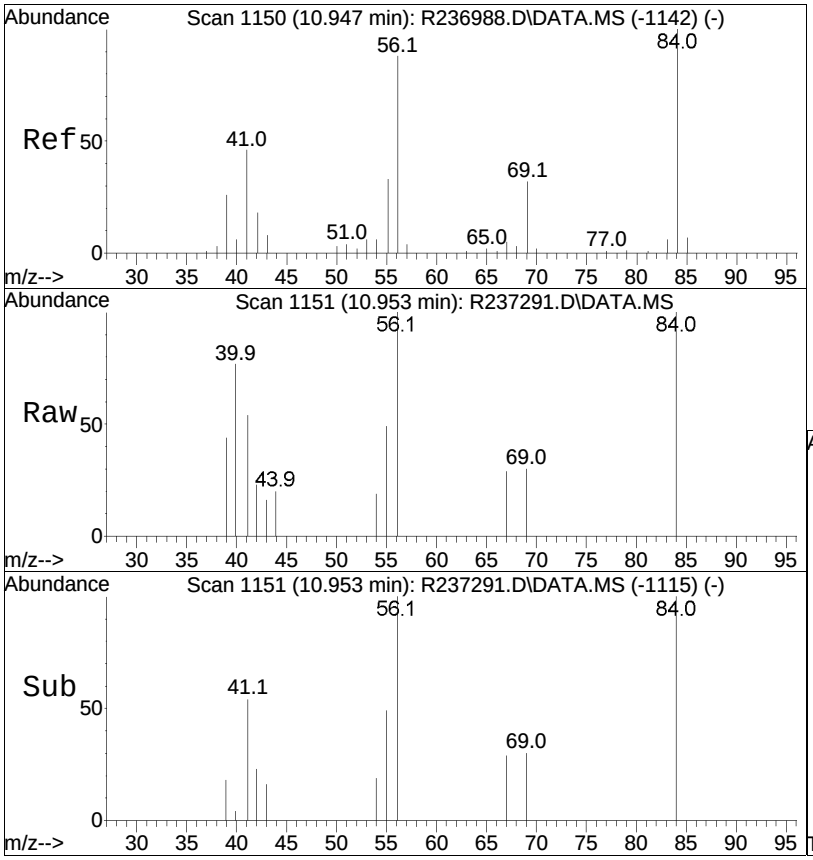


#50
benzene
Concen: 0.44 ppbV
RT: 10.642 min Scan# 1118
Delta R.T. -0.003 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 78 Resp: 16171

Ion	Ratio	Lower	Upper
78	100		
52	13.2	9.9	14.9

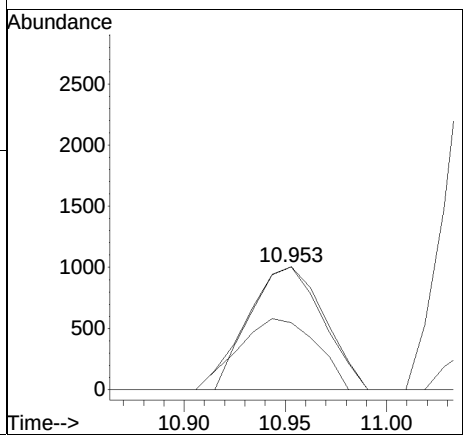


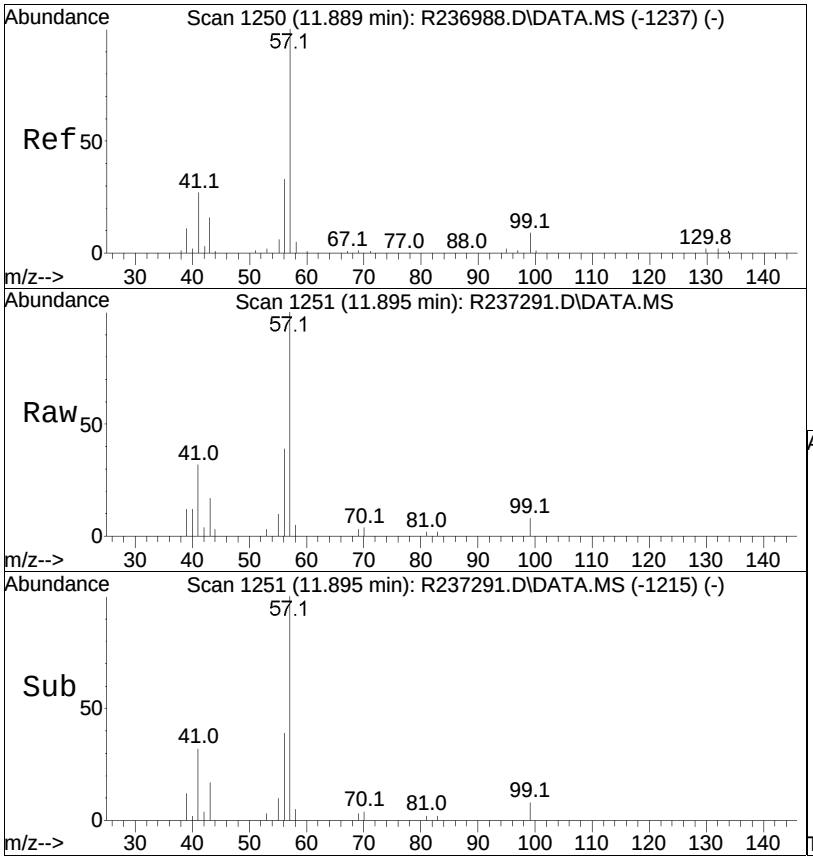


#53
cyclohexane
Concen: 0.18 ppbV
RT: 10.953 min Scan# 1151
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 56 Resp: 2500

Ion	Ratio	Lower	Upper
56	100		
84	100.2	91.1	136.7
41	54.5	42.2	63.2

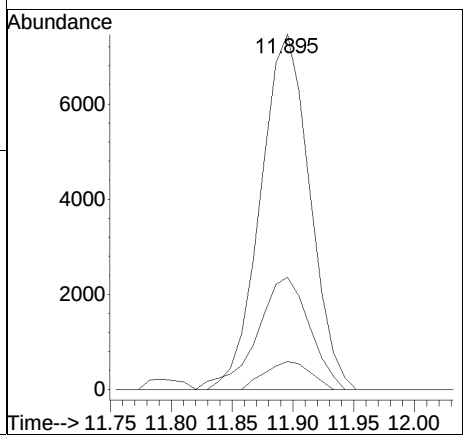


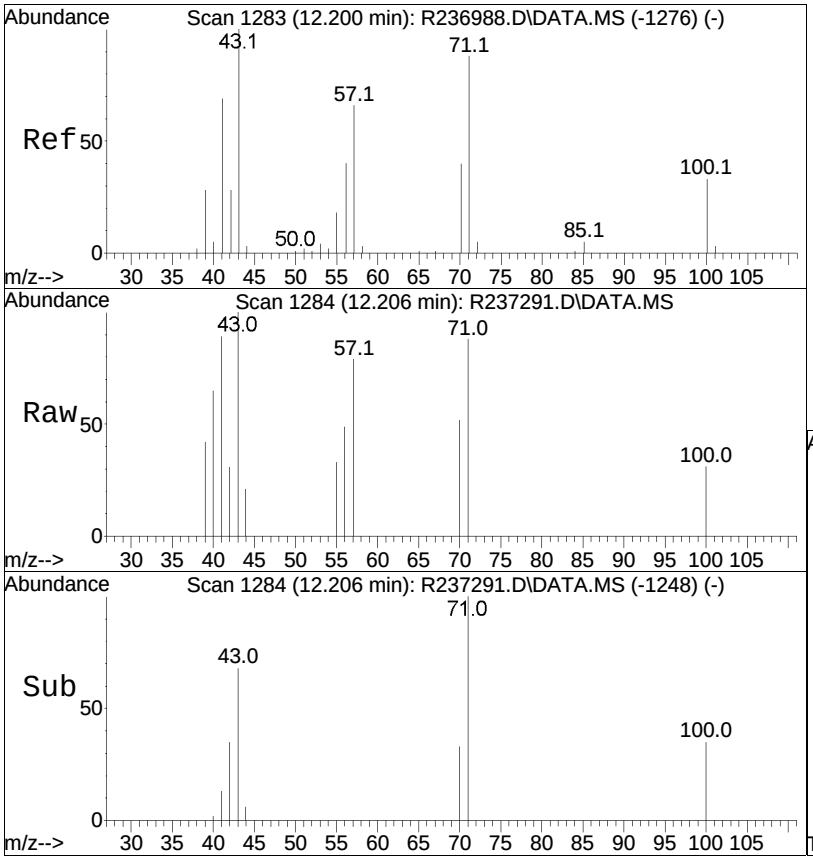


#60
2,2,4-trimethylpentane
Concen: 0.50 ppbV
RT: 11.895 min Scan# 1251
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 57 Resp: 20985

Ion	Ratio	Lower	Upper
57	100		
99	7.9	6.8	10.2
41	31.6	21.8	32.8

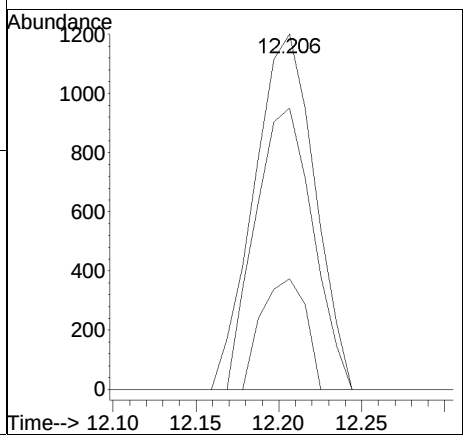


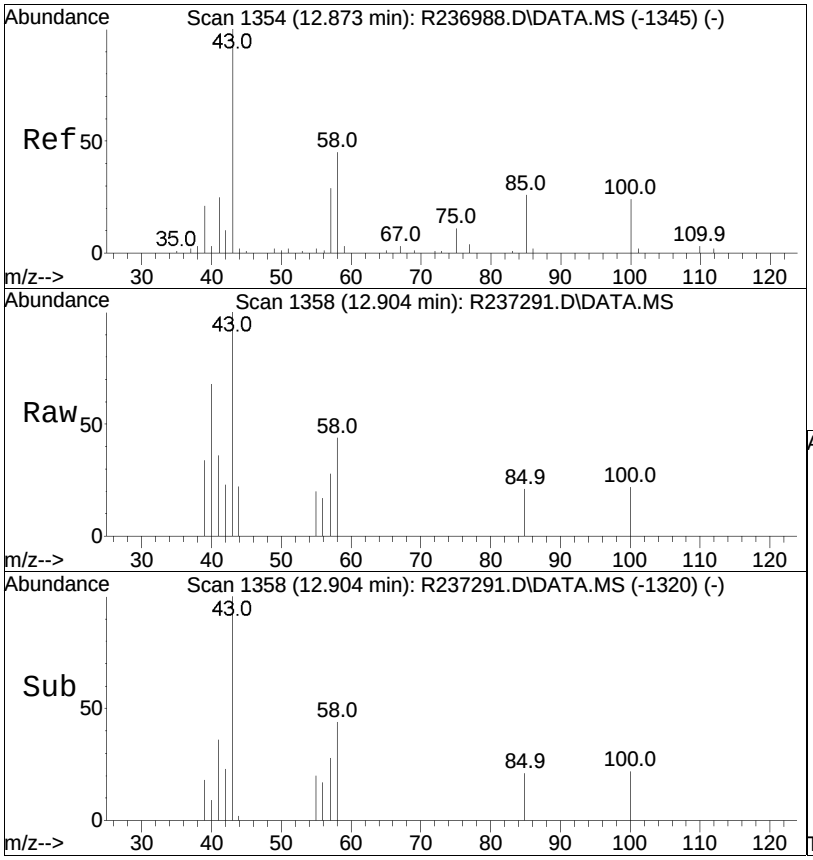


#62
heptane
Concen: 0.24 ppbV
RT: 12.206 min Scan# 1284
Delta R.T. 0.006 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 43 Resp: 3057

Ion	Ratio	Lower	Upper
43	100		
57	79.2	52.8	79.2
100	31.1	26.8	40.2

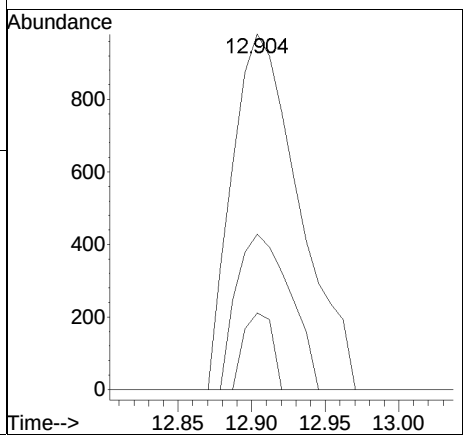


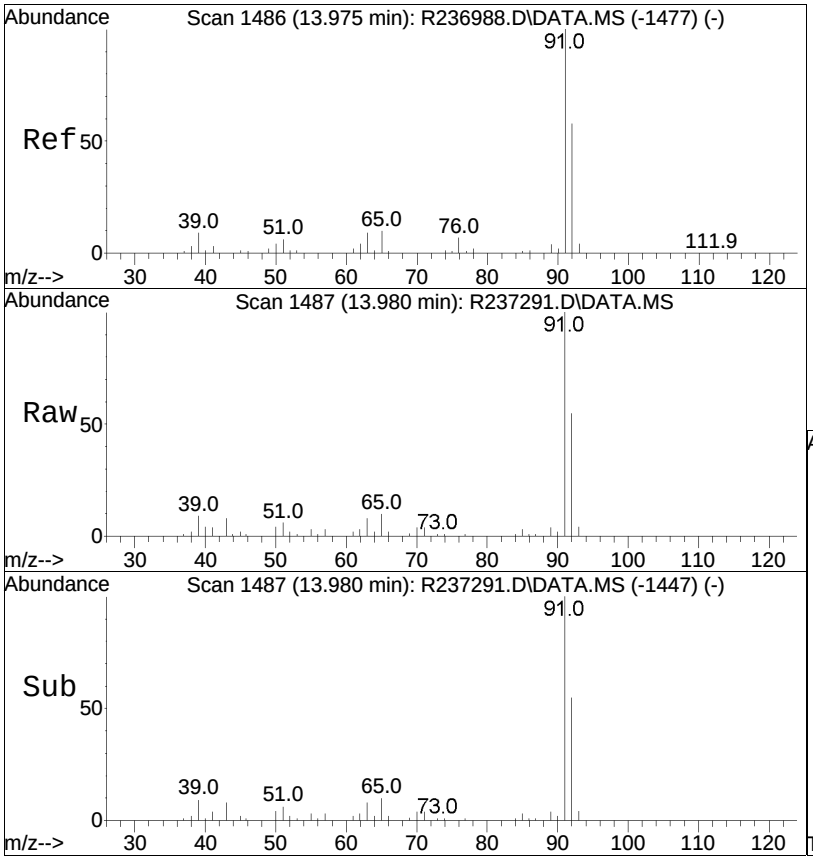


#64
4-methyl-2-pentanone
Concen: 0.17 ppbV
RT: 12.904 min Scan# 1358
Delta R.T. 0.030 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 43 Resp: 3106

Ion	Ratio	Lower	Upper
43	100		
58	43.7	35.7	53.5
100	21.5	19.0	28.6

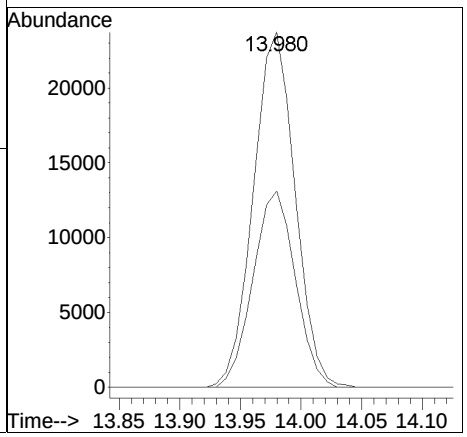


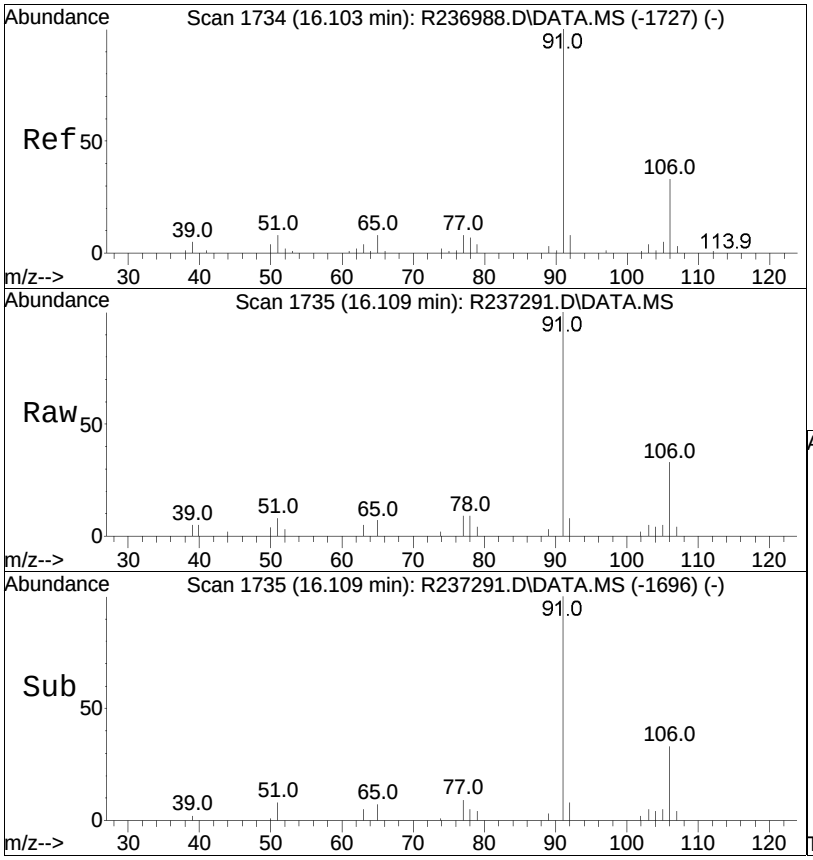


#68
toluene
Concen: 1.08 ppbV
RT: 13.980 min Scan# 1487
Delta R.T. 0.005 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 91 Resp: 56897

Ion	Ratio	Lower	Upper
91	100		
92	55.3	46.6	70.0

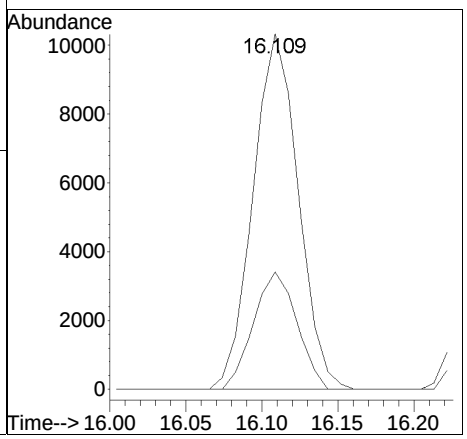


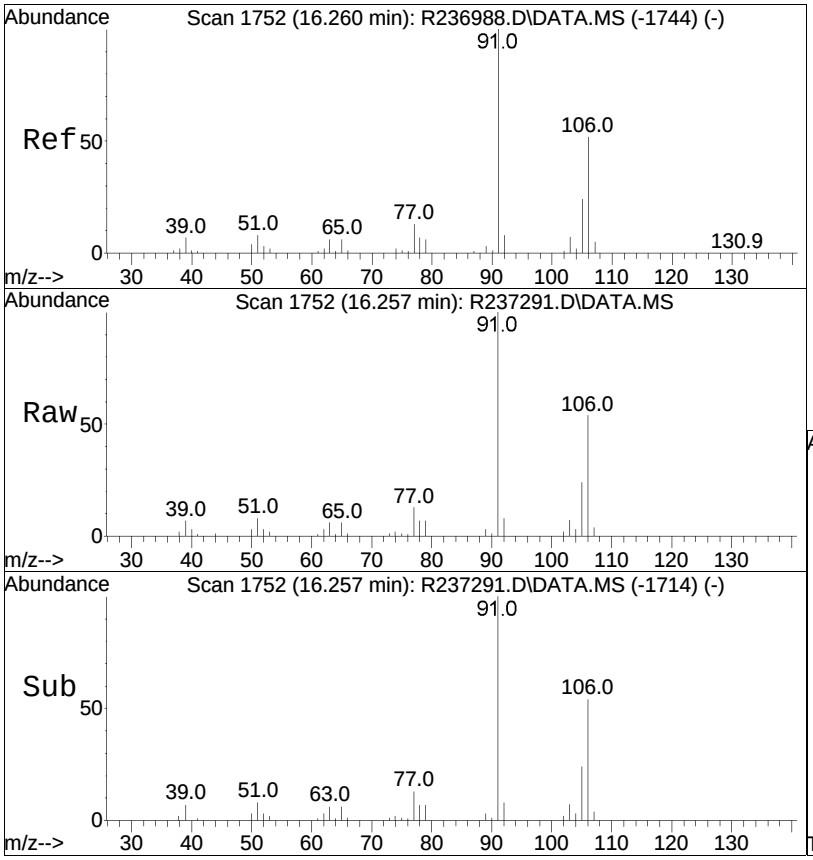


#81
ethylbenzene
Concen: 0.32 ppbV
RT: 16.109 min Scan# 1735
Delta R.T. 0.005 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 91 Resp: 21360

Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.6	40.0

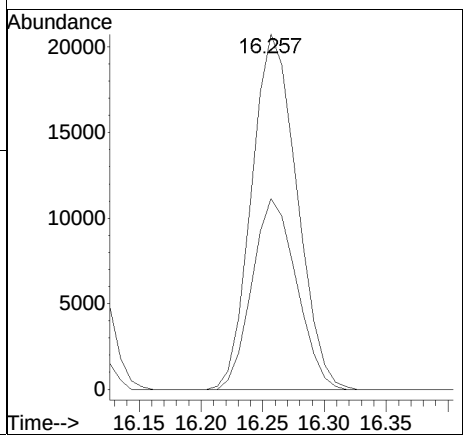


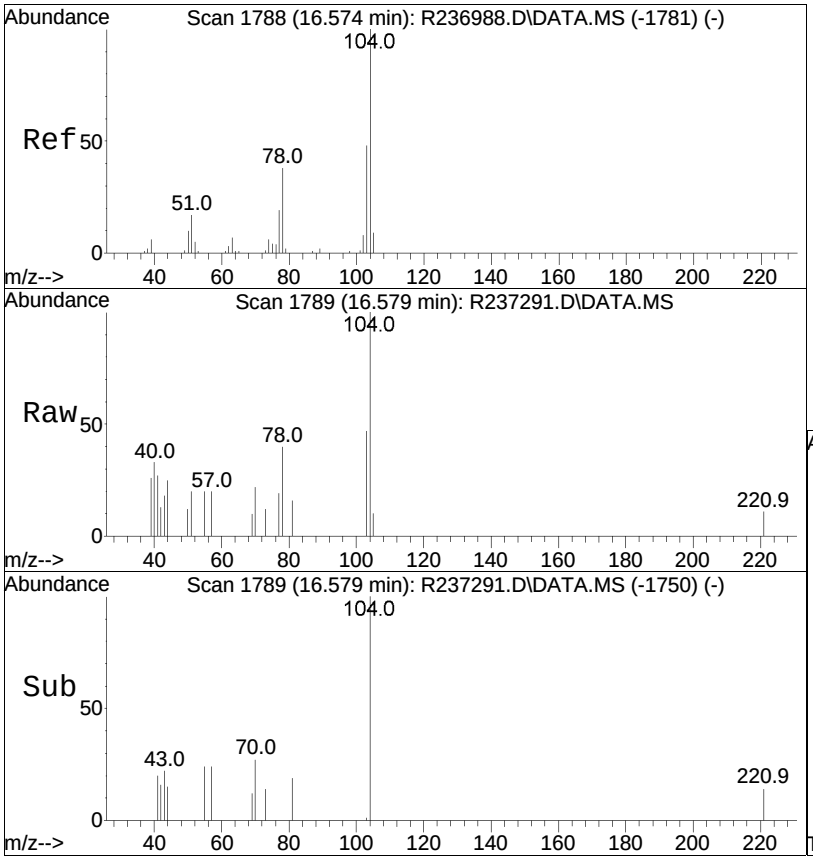


#83
m+p-xylene
Concen: 1.04 ppbV
RT: 16.257 min Scan# 1752
Delta R.T. -0.004 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 91 Resp: 52871

Ion	Ratio	Lower	Upper
91	100		
106	53.7	41.7	62.5

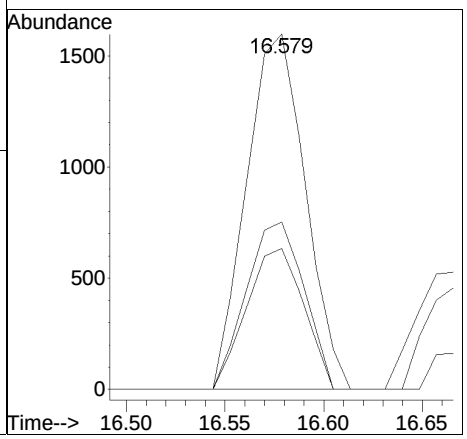


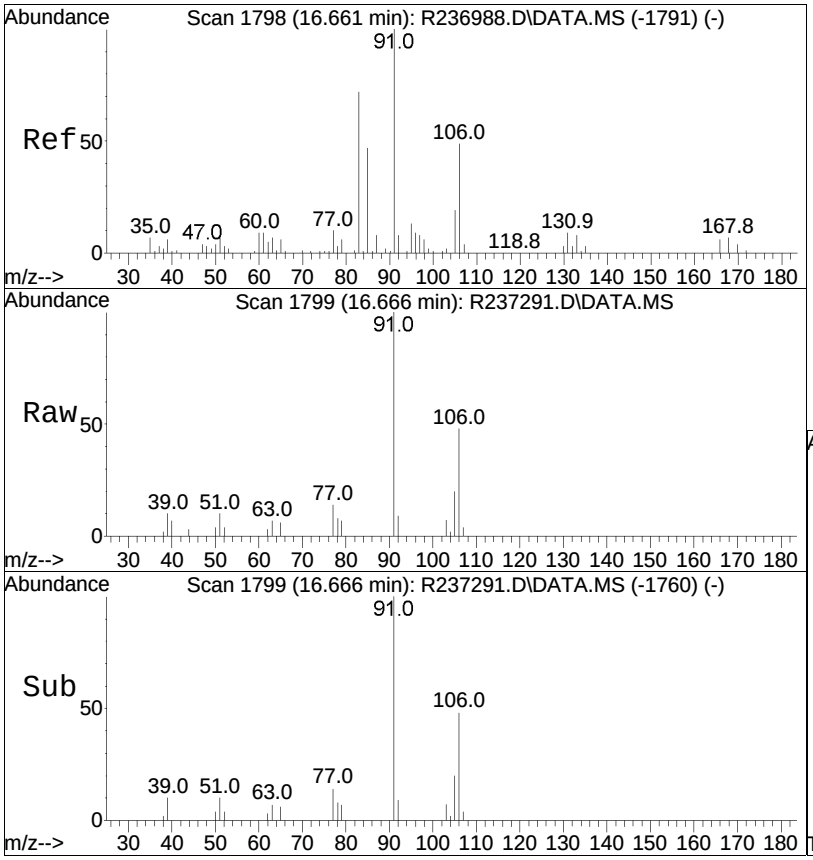


#85
styrene
Concen: 0.08 ppbV
RT: 16.579 min Scan# 1789
Delta R.T. 0.005 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:104 Resp: 3316

Ion	Ratio	Lower	Upper
104	100		
103	47.1	38.2	57.4
78	39.7	30.6	45.8

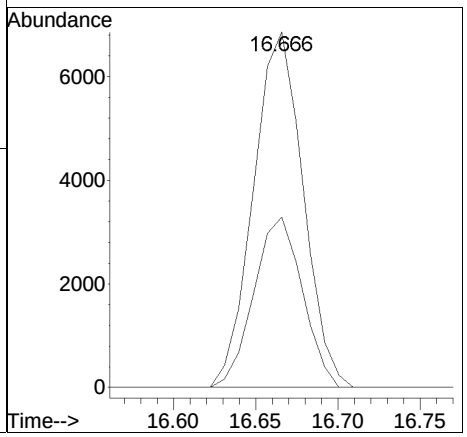


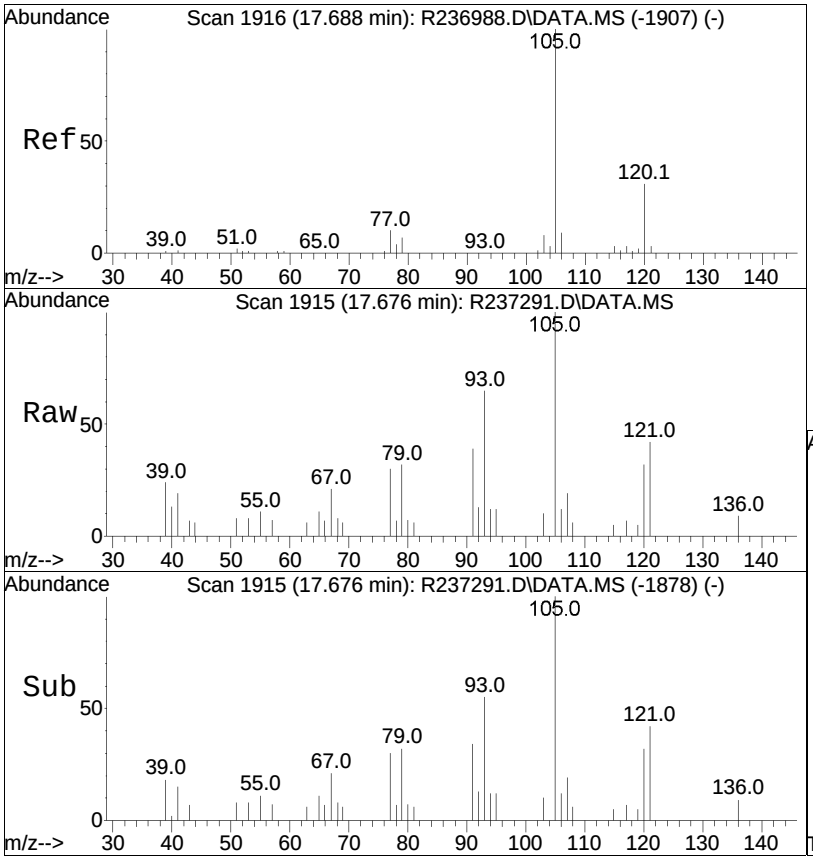


#87
o-xylene
Concen: 0.28 ppbV
RT: 16.666 min Scan# 1799
Delta R.T. 0.005 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion: 91 Resp: 14420

Ion	Ratio	Lower	Upper
91	100		
106	47.9	39.6	59.4

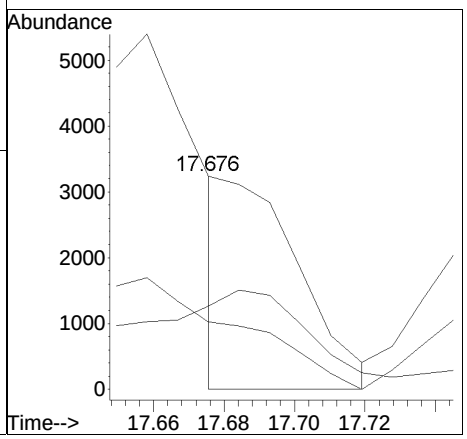


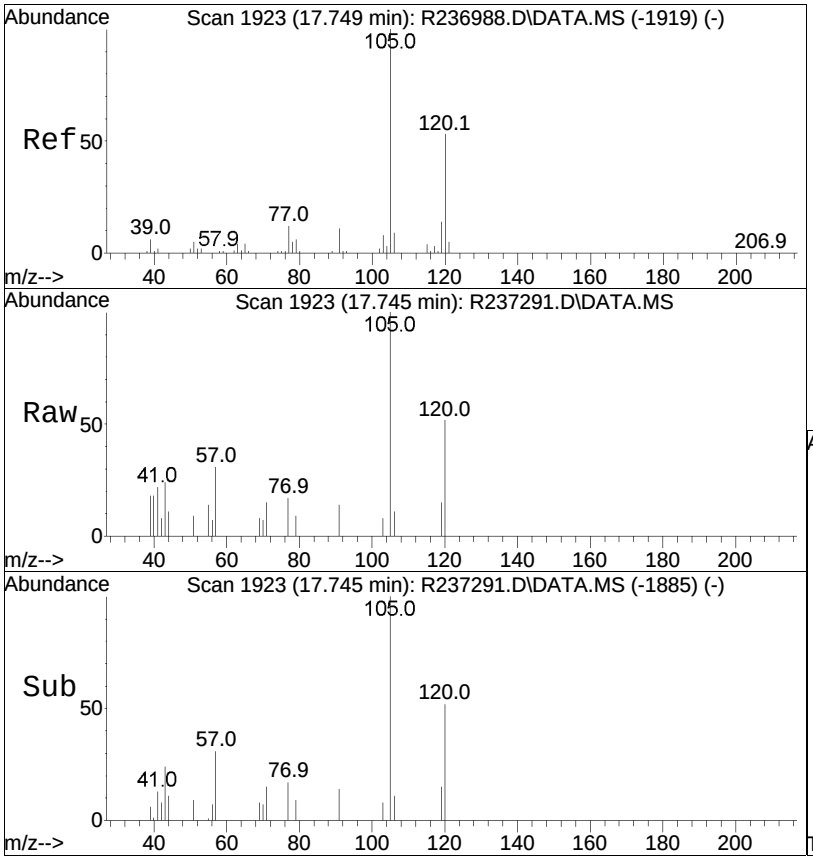


#96
4-ethyl toluene
Concen: 0.07 ppbV m
RT: 17.676 min Scan# 1915
Delta R.T. -0.012 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:105 Resp: 4708

Ion	Ratio	Lower	Upper
105	100		
120	31.7	25.1	37.7
91	39.1	8.8	13.2#

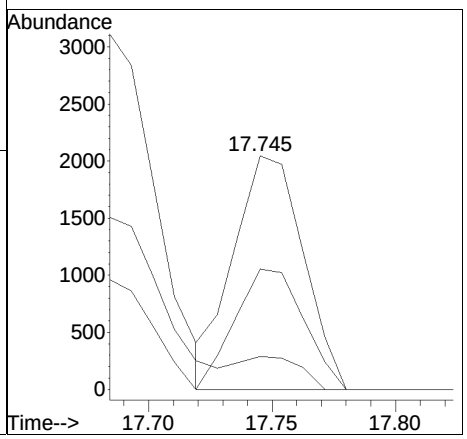


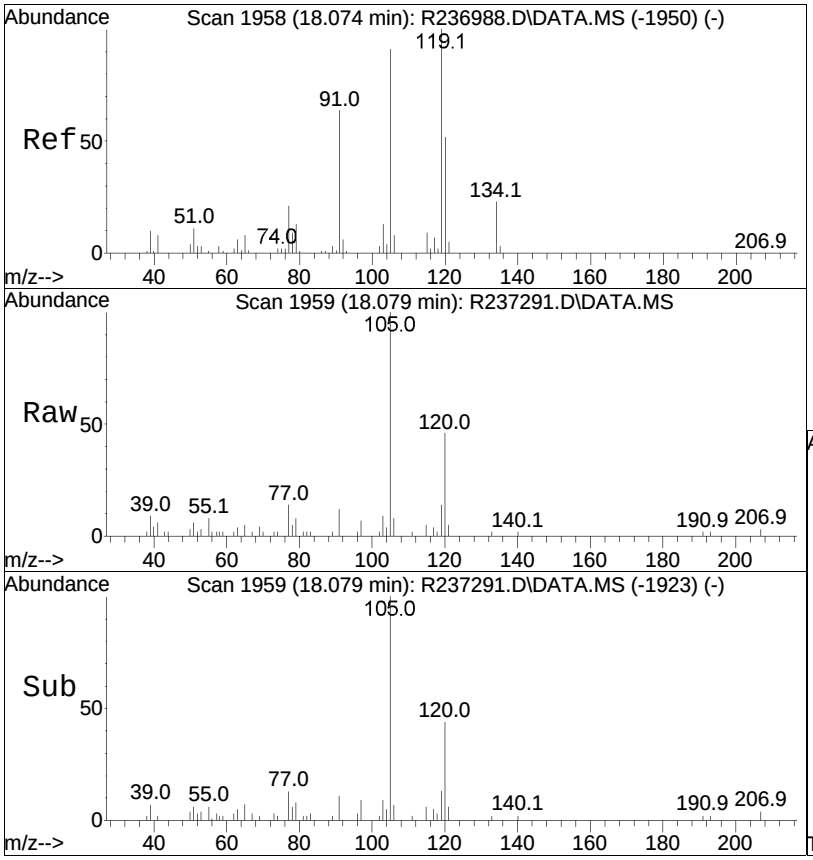


#97
1,3,5-trimethylbenzene
Concen: 0.07 ppbV
RT: 17.745 min Scan# 1923
Delta R.T. -0.004 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:105 Resp: 4026

Ion	Ratio	Lower	Upper
105	100		
120	51.5	40.7	61.1
91	14.1	8.5	12.7#

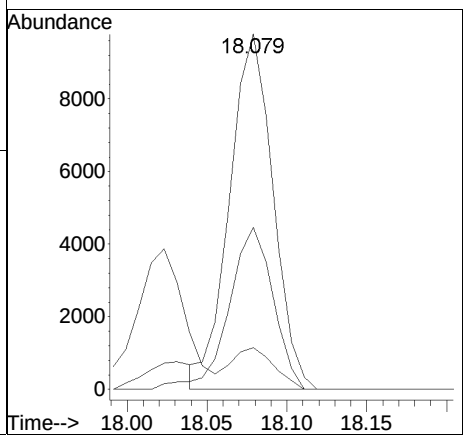


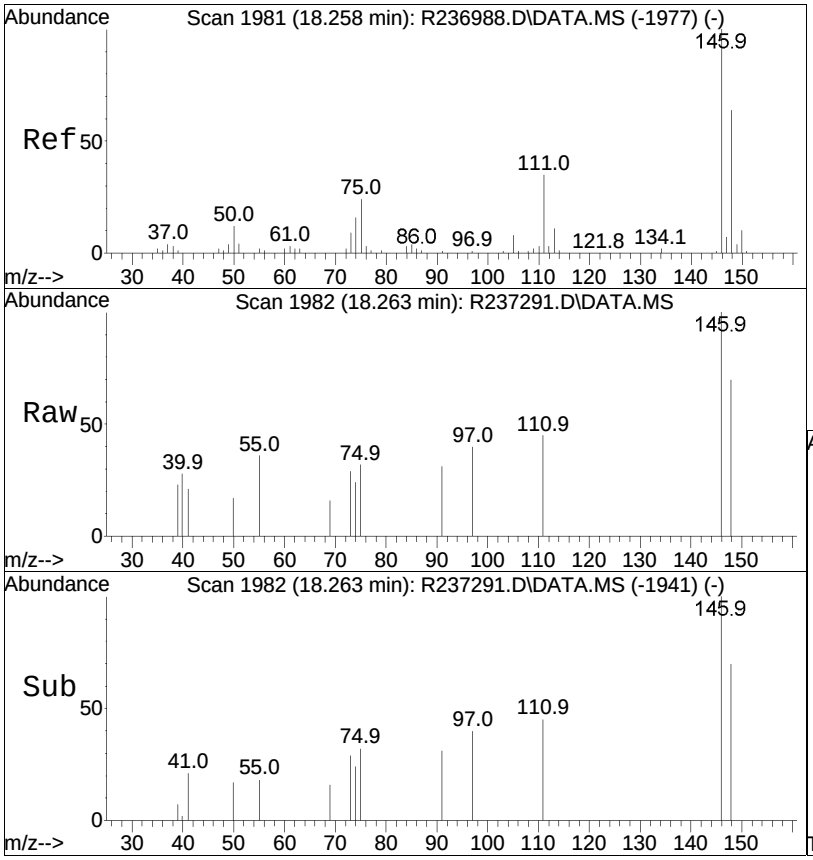


#99
1,2,4-trimethylbenzene
Concen: 0.30 ppbV m
RT: 18.079 min Scan# 1959
Delta R.T. 0.004 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:105 Resp: 18514

Ion	Ratio	Lower	Upper
105	100		
120	45.6	45.9	68.9#
91	11.8	56.2	84.2#

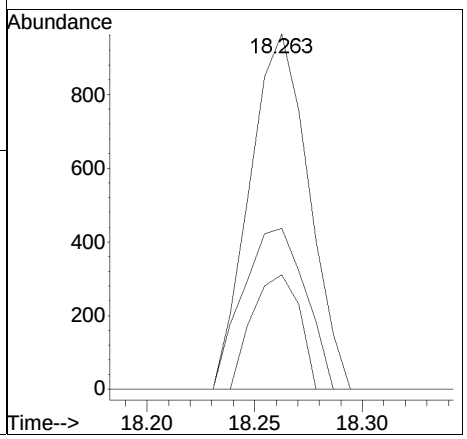




#103
1,4-dichlorobenzene
Concen: 0.04 ppbV
RT: 18.263 min Scan# 1982
Delta R.T. 0.004 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:146 Resp: 1836

Ion	Ratio	Lower	Upper
146	100		
111	45.3	27.7	41.5#
75	32.3	18.8	28.2#

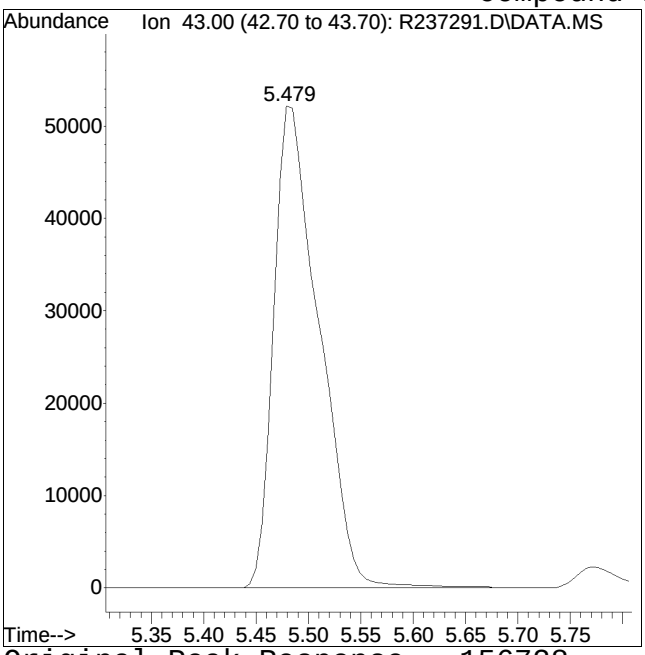


Manual Integration Report

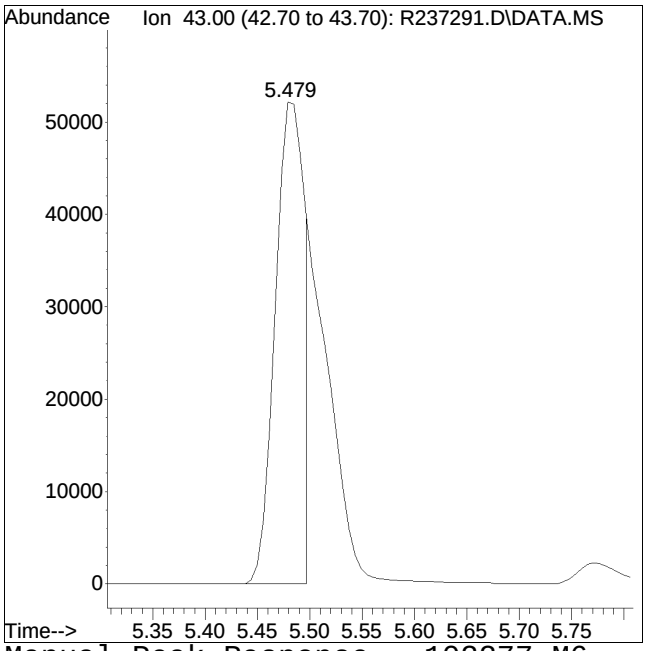
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237291.D
Date Inj'd : 12/12/2025 3:05 am
Sample : L2576049-02,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 9:00 am

Compound #19: acetone



Original Peak Response = 156728



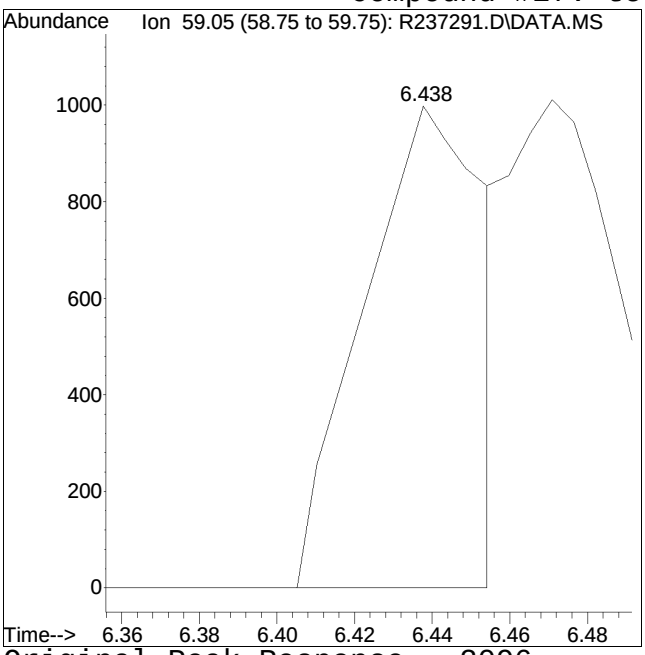
Manual Peak Response = 102277 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

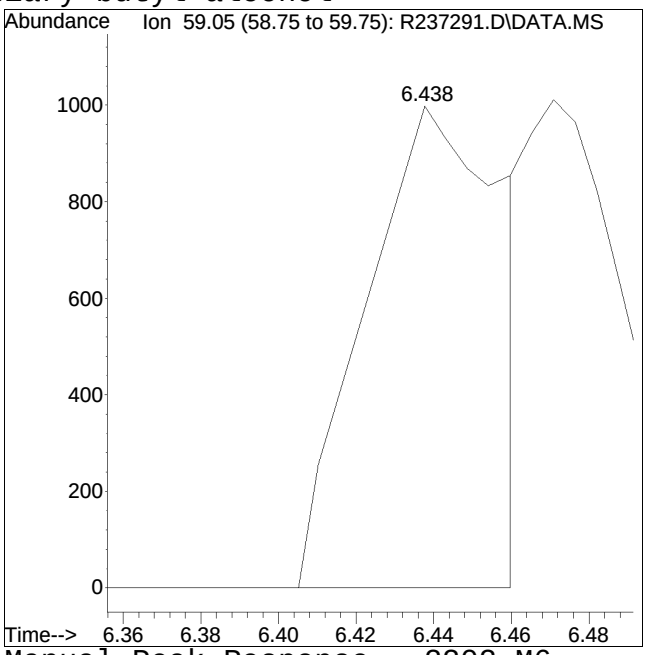
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237291.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 3:05 am Instrument : Airlab 23
Sample : L2576049-02,3,250,250 Quant Date : 12/12/2025 9:00 am

Compound #27: tertiary butyl alcohol



Original Peak Response = 2096



Manual Peak Response = 2202 M6

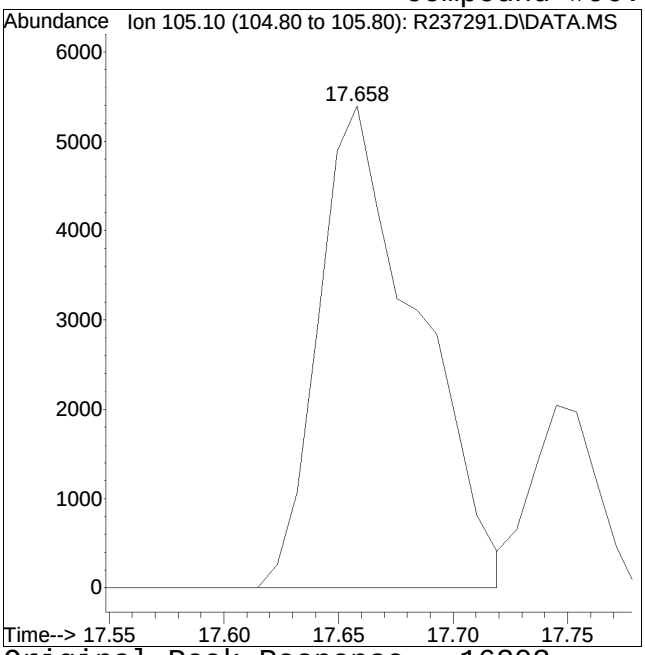
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

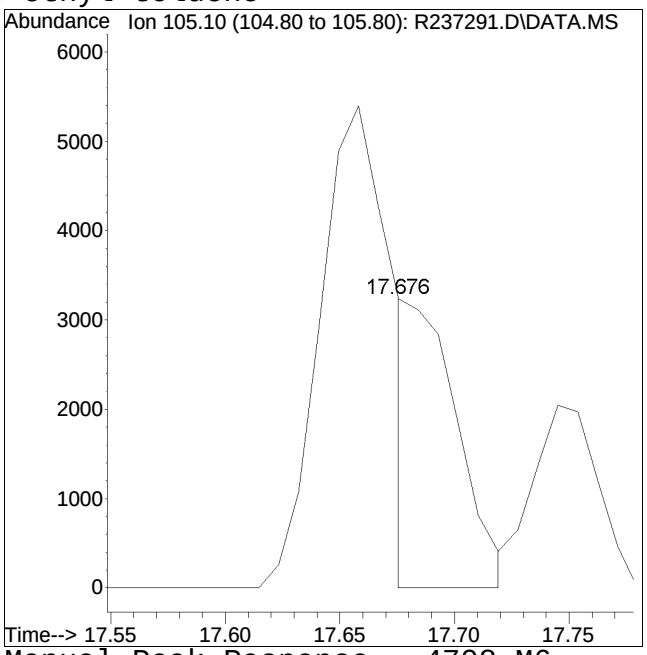
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237291.D
Date Inj'd : 12/12/2025 3:05 am
Sample : L2576049-02,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 9:00 am

Compound #96: 4-ethyl toluene



Original Peak Response = 16203



Manual Peak Response = 4708 M6

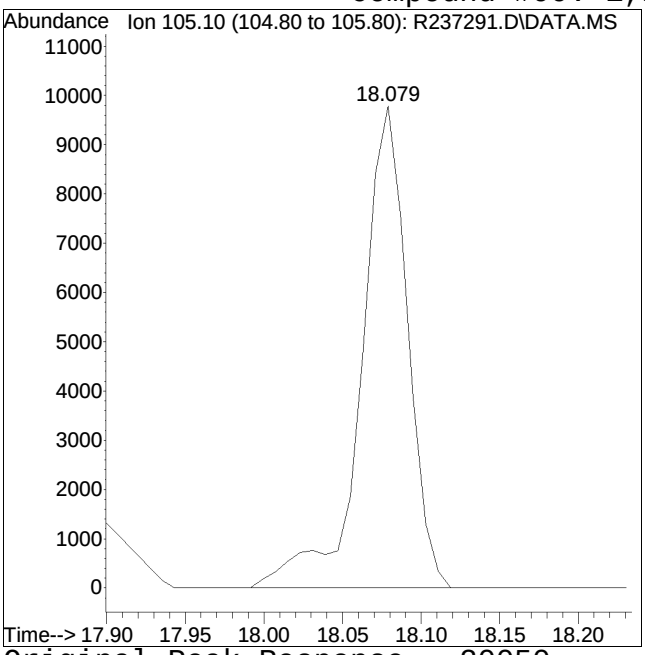
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

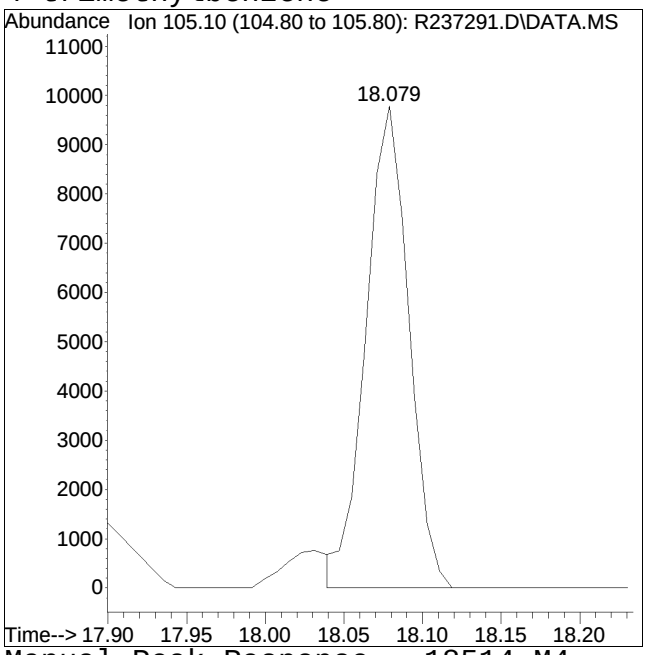
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237291.D
Date Inj'd : 12/12/2025 3:05 am
Sample : L2576049-02,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 9:00 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 20050



Manual Peak Response = 18514 M4

M4 = Poor automated baseline construction.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	ISTD									
2)		chlorodifluoromethane	1.183	1.193	1.284	1.057	0.967	0.951	0.911	0.823	1.046	15.33
3)		propylene		0.484	0.454	0.395	0.349	0.397	0.374	0.387	0.406	11.57
4)		propane		0.333	0.336	0.286	0.273	0.283	0.275	0.274	0.294	9.47
5)		dichlorodifluoromethane	3.097	2.941	3.061	2.700	2.546	2.572	2.418	2.296	2.704	11.08
6)	C	chloromethane	0.869	0.815	0.826	0.712	0.714	0.726	0.689	0.647	0.750	10.29
7)		Freon-114	3.722	3.589	3.678	3.227	3.160	3.124	2.902	2.527	3.241	12.72
8)	C	methanol			0.229	0.190	0.185	0.189	0.183	0.173	0.192	10.16
9)	C	vinyl chloride	1.185	1.125	1.083	0.968	0.953	0.944	0.881	0.827	0.996	12.41
10)	C	1,3-butadiene	0.754	0.741	0.707	0.583	0.574	0.626	0.589	0.548	0.640	12.76
11)		butane	1.518	1.362	1.297	1.140	1.144	1.143	1.066	0.983	1.207	14.40
13)	C	bromomethane	1.371	1.352	1.369	1.189	1.187	1.183	1.096	0.980	1.216	11.58
14)	C	chloroethane	0.660	0.651	0.643	0.563	0.574	0.567	0.530	0.482	0.584	10.79
15)		ethanol			0.379	0.389	0.378	0.400	0.382	0.385	0.386	2.11
16)		dichlorofluoromethane	2.120	2.071	2.080	1.867	1.856	1.933	1.912	2.029	1.983	5.22
17)	C	vinyl bromide	0.952	0.995	0.957	0.836	0.832	0.956	0.947	0.904	0.922	6.50
18)	C	acrolein		0.336	0.343	0.313	0.317	0.329	0.325	0.313	0.325	3.60
19)		acetone	1.163	1.078	1.064	0.871	0.857	0.946	0.934	0.899	0.977	11.41
20)	C	acetonitrile	0.677	0.556	0.510	0.465	0.462	0.555	0.484	0.472	0.523	13.93
21)		trichlorofluoromethane	3.193	3.146	3.059	2.808	2.755	2.813	2.714	2.588	2.884	7.63
22)		isopropyl alcohol	1.210	1.124	1.101	0.922	0.864	1.009	1.002	0.990	1.028	10.93
23)	C	acrylonitrile	0.636	0.531	0.609	0.526	0.528	0.551	0.564	0.576	0.565	7.11
24)		pentane	1.151	1.256	1.219	1.076	1.044	1.077	1.075	1.081	1.122	6.92
25)		ethyl ether	0.574	0.578	0.545	0.498	0.491	0.512	0.520	0.567	0.536	6.52
26)	C	1,1-dichloroethene	1.874	1.434	1.457	1.576	1.530	1.537	1.466	1.447	1.540	9.35
27)		tertiary butyl alcohol		1.284	1.386	1.374	1.144	1.032	1.037	1.772	1.290	20.02
28)	C	methylene chloride		0.957	0.953	0.827	0.793	0.915	0.886	0.743	0.868	9.50
29)	C	3-chloropropene	0.869	0.769	0.736	0.624	0.601	0.675	0.662	0.655	0.699	12.58
30)	C	carbon disulfide	2.466	2.614	2.530	2.119	2.055	2.283	2.226	2.180	2.309	8.84
31)		Freon 113	2.565	2.582	2.520	2.231	2.165	2.209	2.159	2.087	2.315	8.84
32)		trans-1,2-dichloroethene	1.214	1.218	1.205	1.043	1.026	1.150	1.107	1.058	1.128	7.09
33)	C	1,1-dichloroethane	1.711	1.732	1.684	1.573	1.538	1.557	1.483	1.414	1.587	7.14
34)	C	MTBE	2.634	2.698	2.649	2.209	2.151	2.360	2.252	2.139	2.386	9.95
35)	C	vinyl acetate			1.542	1.068	1.162	1.443	1.514	1.521	1.375	15.02
36)	C	2-butanone		1.363	1.360	1.158	1.132	1.270	1.242	1.204	1.247	7.31
37)		cis-1,2-dichloroethene	1.282	1.295	1.290	1.199	1.184	1.216	1.171	1.116	1.219	5.32

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
38)		Ethyl Acetate		0.249	0.242	0.219	0.213	0.237	0.240	0.233	0.233	5.52
39)	C	chloroform	2.507	2.435	2.424	2.197	2.136	2.164	2.111	2.052	2.253	7.73
40)		Tetrahydrofuran	0.768	0.772	0.735	0.539	0.538	0.610	0.602	0.588	0.644	15.33
41)		2,2-dichloropropane	1.839	1.851	1.887	1.760	1.741	1.792	1.782	1.782	1.804	2.75
42)	C	1,2-dichloroethane	1.385	1.454	1.393	1.304	1.298	1.330	1.298	1.254	1.340	4.90
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.289	0.287	0.287	0.227	0.237	0.260	0.270	0.270	0.266	8.83
45)		diisopropyl ether	0.213	0.205	0.221	0.201	0.208	0.212	0.212	0.208	0.210	2.89
46)		tert-butyl ethyl ether	0.641	0.628	0.649	0.587	0.605	0.608	0.599	0.586	0.613	3.90
47)	s	1,2-dichloroethane-D4				0.269	0.280	0.278	0.280	0.271	0.276	1.92
48)	C	1,1,1-trichloroethane	0.641	0.619	0.644	0.570	0.593	0.608	0.597	0.650	0.615	4.62
49)		1,1-dichloropropene	0.385	0.375	0.389	0.355	0.375	0.381	0.369	0.355	0.373	3.39
50)	C	benzene	0.782	0.774	0.788	0.698	0.722	0.722	0.695	0.648	0.729	6.81
52)	C	carbon tetrachloride	0.704	0.709	0.714	0.625	0.645	0.665	0.672	0.663	0.675	4.76
53)		cyclohexane	0.314	0.285	0.289	0.233	0.239	0.262	0.259	0.256	0.267	10.20
54)		tert-amyl methyl ether	0.673	0.660	0.673	0.620	0.653	0.679	0.673	0.655	0.661	2.90
55)		dibromomethane	0.347	0.343	0.360	0.330	0.344	0.356	0.352	0.342	0.347	2.70
56)	C	1,2-dichloropropane	0.253	0.231	0.235	0.219	0.223	0.226	0.222	0.219	0.229	4.94
57)		bromodichloromethane	0.560	0.576	0.581	0.493	0.513	0.569	0.567	0.546	0.550	5.75
58)	C	1,4-dioxane	0.162	0.161	0.170	0.147	0.150	0.170	0.169	0.167	0.162	5.53
59)	C	trichloroethene	0.460	0.446	0.468	0.406	0.421	0.427	0.431	0.423	0.435	4.82
60)	C	2,2,4-trimethylpentane	0.896	0.888	0.902	0.732	0.747	0.808	0.802	0.804	0.822	8.08
61)		methyl methacrylate		0.234	0.224	0.206	0.214	0.222	0.228	0.235	0.223	4.81
62)		heptane	0.287	0.263	0.263	0.216	0.225	0.247	0.255	0.261	0.252	8.98
63)	C	cis-1,3-dichloropropene	0.364	0.386	0.393	0.377	0.397	0.414	0.410	0.395	0.392	4.17
64)	C	4-methyl-2-pentanone		0.375	0.380	0.334	0.347	0.377	0.377	0.373	0.366	4.89
65)		trans-1,3-dichloropropene	0.273	0.286	0.312	0.301	0.322	0.336	0.336	0.322	0.311	7.33
66)	C	1,1,2-trichloroethane	0.402	0.361	0.377	0.344	0.356	0.363	0.351	0.330	0.360	6.07
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.888	7.523	7.632	6.705	6.716	6.830	6.209	5.880	6.923	10.20
69)	s	toluene-D8			6.647	6.429	6.379	6.517	6.001	5.904	6.313	4.67
71)		1,3-dichloropropane	3.247	3.204	3.319	2.932	2.893	2.959	2.702	2.709	2.996	7.93
72)		2-hexanone	2.499	2.489	2.596	2.285	2.271	2.605	2.589	2.551	2.486	5.44
74)		dibromochloromethane	5.175	4.771	5.078	4.271	4.361	5.040	4.801	4.681	4.772	6.89
75)	C	1,2-dibromoethane	4.349	4.115	4.348	3.940	4.029	4.164	3.883	3.731	4.070	5.37
76)		butyl acetate		0.876	0.858	0.803	0.800	0.837	0.775	0.774	0.818	4.92

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
77)		octane	2.234	2.180	2.361	1.993	1.987	2.040	1.914	1.942	2.082	7.63
78)	C	tetrachloroethene	4.765	4.512	4.652	4.087	4.139	4.348	4.205	4.033	4.343	6.30
79)		1,1,1,2-tetrachloroethane	3.606	3.532	3.699	3.357	3.481	3.795	3.698	3.391	3.570	4.39
80)	C	chlorobenzene	6.232	6.153	6.242	5.596	5.664	5.934	5.599	5.229	5.831	6.29
81)	C	ethylbenzene	9.382	9.320	9.567	8.719	8.771	8.976	8.252	7.819	8.851	6.72
83)	C	m+p-xylene	7.427	7.099	7.328	6.444	6.479	6.625	6.357	6.025	6.723	7.48
84)	C	bromoform	4.679	4.631	4.880	4.141	4.334	5.330	5.353	5.003	4.794	9.09
85)	C	styrene	5.527	5.210	5.457	5.138	5.250	5.525	5.178	4.972	5.282	3.81
86)	C	1,1,2,2-tetrachloroethane	5.355	5.148	5.186	4.721	4.789	4.966	4.794	4.181	4.893	7.44
87)	C	o-xylene	7.592	7.074	7.347	6.510	6.595	6.836	6.613	5.795	6.795	8.20
88)		1,2,3-trichloropropane	3.711	3.497	3.669	3.267	3.265	3.397	3.251	3.315	3.422	5.41
89)		nonane	2.972	2.725	2.867	2.568	2.590	2.758	2.867	2.840	2.774	5.10
90)	s	bromofluorobenzene			3.521	3.552	3.489	3.624	3.566	3.515	3.545	1.34
91)	C	isopropylbenzene	0.992	0.973	1.005	0.932	0.950	1.006	0.936	0.861	0.957	5.07
92)		bromobenzene	4.550	4.482	4.553	4.093	4.116	4.335	4.233	4.243	4.326	4.28
93)		2-chlorotoluene	2.780	2.718	2.958	2.722	2.687	3.011	2.824	2.803	2.813	4.14
94)		n-propylbenzene	2.852	2.850	2.937	2.725	2.769	2.980	2.886	2.845	2.855	2.89
95)		4-chlorotoluene	2.667	2.634	2.634	2.390	2.560	2.712	2.719	2.678	2.624	4.09
96)		4-ethyl toluene	9.408	9.070	9.551	8.429	8.232	9.592	8.836	8.377	8.937	6.16
97)		1,3,5-trimethylbenzene	7.929	7.580	7.848	7.059	7.484	7.667	7.525	7.133	7.528	4.09
98)		tert-butylbenzene	9.468	9.138	9.441	8.817	9.160	9.914	9.368	7.104	9.051	9.37
99)		1,2,4-trimethylbenzene	8.122	8.053	8.415	7.944	8.204	8.718	8.478	6.417	8.044	8.75
100)		decane	3.554	3.330	3.578	3.342	3.401	3.689	3.892	3.767	3.569	5.75
101)	C	Benzyl Chloride	4.399	4.691	5.023	5.349	5.814	6.896	7.214	6.576	5.745	18.35
102)		1,3-dichlorobenzene	6.237	6.101	6.551	6.191	6.213	6.869	6.899	6.025	6.386	5.38
103)	C	1,4-dichlorobenzene	5.982	5.988	6.140	5.752	6.120	6.550	6.470	5.941	6.118	4.42
104)		sec-butylbenzene	1.223	1.210	1.241	1.116	1.124	1.186	1.119	0.998	1.152	6.90
106)		p-isopropyltoluene	1.113	1.103	1.128	1.083	1.131	1.224	1.150	0.810	1.093	11.16
107)		1,2-dichlorobenzene	5.969	5.620	5.970	5.791	5.931	6.467	6.476	6.066	6.036	4.98
108)		n-butylbenzene	8.784	8.680	9.116	8.724	8.963	9.332	8.943	8.052	8.824	4.30
111)	C	1,2-dibromo-3-chloropr...	2.003	2.084	2.214	2.316	2.431	2.618	2.750	2.744	2.395	12.11
112)		undecane	6.033	5.556	5.941	5.177	5.578	6.106	5.021	4.029	5.430	12.67
114)		dodecane	2.520	3.017	3.203	3.730	3.928	4.176	4.129	3.825	3.566	16.56
115)	C	1,2,4-trichlorobenzene	3.399	4.004	4.485	5.400	5.946	6.479	6.819	5.971	5.313	23.09
116)		naphthalene	0.718	0.869	0.986	1.214	1.294	1.291	1.236	1.101	1.089	19.54
117)		1,2,3-trichlorobenzene	3.541	4.071	4.461	5.367	5.886	6.162	6.547	5.530	5.196	20.47

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22840**
Calibration dates	**: 11/21/25 22:35 11/22/25 03:11**		

Calibration Files

0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D

50 =R236990.D 100 =R236991.D

	Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
119) C	hexachlorobutadiene	3.541	4.024	4.209	4.659	5.039	5.453	5.813	4.378	4.640	16.37

Response Factor Report Airlab 23

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoro...	1.183	1.193	1.284	1.057	0.967	0.951	0.911	0.823	1.046	15.33
3)		propylene		0.484	0.454	0.395	0.349	0.397	0.374	0.387	0.406	11.57
4)		propane		0.333	0.336	0.286	0.273	0.283	0.275	0.274	0.294	9.47
5)		dichlorodifluo...	3.097	2.941	3.061	2.700	2.546	2.572	2.418	2.296	2.704	11.08
6)	C	chloromethane	0.869	0.815	0.826	0.712	0.714	0.726	0.689	0.647	0.750	10.29
7)		Freon-114	3.722	3.589	3.678	3.227	3.160	3.124	2.902	2.527	3.241	12.72
8)	C	methanol			0.229	0.190	0.185	0.189	0.183	0.173	0.192	10.16
9)	C	vinyl chloride	1.185	1.125	1.083	0.968	0.953	0.944	0.881	0.827	0.996	12.41
10)	C	1,3-butadiene	0.754	0.741	0.707	0.583	0.574	0.626	0.589	0.548	0.640	12.76
11)		butane	1.518	1.362	1.297	1.140	1.144	1.143	1.066	0.983	1.207	14.40
13)	C	bromomethane	1.371	1.352	1.369	1.189	1.187	1.183	1.096	0.980	1.216	11.58
14)	C	chloroethane	0.660	0.651	0.643	0.563	0.574	0.567	0.530	0.482	0.584	10.79
15)		ethanol			0.379	0.389	0.378	0.400	0.382	0.385	0.386	2.11
16)		dichlorofluoro...	2.120	2.071	2.080	1.867	1.856	1.933	1.912	2.029	1.983	5.22
17)	C	vinyl bromide	0.952	0.995	0.957	0.836	0.832	0.956	0.947	0.904	0.922	6.50
18)	C	acrolein		0.336	0.343	0.313	0.317	0.329	0.325	0.313	0.325	3.60
19)		acetone	1.163	1.078	1.064	0.871	0.857	0.946	0.934	0.899	0.977	11.41
20)	C	acetonitrile	0.677	0.556	0.510	0.465	0.462	0.555	0.484	0.472	0.523	13.93
21)		trichlorofluor...	3.193	3.146	3.059	2.808	2.755	2.813	2.714	2.588	2.884	7.63
22)		isopropyl alcohol	1.210	1.124	1.101	0.922	0.864	1.009	1.002	0.990	1.028	10.93
23)	C	acrylonitrile	0.636	0.531	0.609	0.526	0.528	0.551	0.564	0.576	0.565	7.11
24)		pentane	1.151	1.256	1.219	1.076	1.044	1.077	1.075	1.081	1.122	6.92
25)		ethyl ether	0.574	0.578	0.545	0.498	0.491	0.512	0.520	0.567	0.536	6.52
26)	C	1,1-dichloroet...	1.874	1.434	1.457	1.576	1.530	1.537	1.466	1.447	1.540	9.35
27)		tertiary butyl...		1.284	1.386	1.374	1.144	1.032	1.037	1.772	1.290	20.02
28)	C	methylene chlo...		0.957	0.953	0.827	0.793	0.915	0.886	0.743	0.868	9.50
29)	C	3-chloropropene	0.869	0.769	0.736	0.624	0.601	0.675	0.662	0.655	0.699	12.58
30)	C	carbon disulfide	2.466	2.614	2.530	2.119	2.055	2.283	2.226	2.180	2.309	8.84
31)		Freon 113	2.565	2.582	2.520	2.231	2.165	2.209	2.159	2.087	2.315	8.84
32)		trans-1,2-dich...	1.214	1.218	1.205	1.043	1.026	1.150	1.107	1.058	1.128	7.09

Response Factor Report Airlab 23

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
33)	C	1,1-dichloroet...	1.711	1.732	1.684	1.573	1.538	1.557	1.483	1.414	1.587	7.14
34)	C	MTBE	2.634	2.698	2.649	2.209	2.151	2.360	2.252	2.139	2.386	9.95
35)	C	vinyl acetate			1.542	1.068	1.162	1.443	1.514	1.521	1.375	15.02
36)	C	2-butanone			1.363	1.360	1.158	1.132	1.270	1.242	1.204	1.247	7.31
37)		cis-1,2-dichlo...	1.282	1.295	1.290	1.199	1.184	1.216	1.171	1.116	1.219	5.32
38)		Ethyl Acetate			0.249	0.242	0.219	0.213	0.237	0.240	0.233	0.233	5.52
39)	C	chloroform	2.507	2.435	2.424	2.197	2.136	2.164	2.111	2.052	2.253	7.73
40)		Tetrahydrofuran	0.768	0.772	0.735	0.539	0.538	0.610	0.602	0.588	0.644	15.33
41)		2,2-dichloropr...	1.839	1.851	1.887	1.760	1.741	1.792	1.782	1.782	1.804	2.75
42)	C	1,2-dichloroet...	1.385	1.454	1.393	1.304	1.298	1.330	1.298	1.254	1.340	4.90
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.289	0.287	0.287	0.227	0.237	0.260	0.270	0.270	0.266	8.83
45)		diisopropyl ether	0.213	0.205	0.221	0.201	0.208	0.212	0.212	0.208	0.210	2.89
46)		tert-butyl eth...	0.641	0.628	0.649	0.587	0.605	0.608	0.599	0.586	0.613	3.90
47)	s	1,2-dichloroet...				0.269	0.280	0.278	0.280	0.271	0.276	1.92
48)	C	1,1,1-trichlor...	0.641	0.619	0.644	0.570	0.593	0.608	0.597	0.650	0.615	4.62
49)		1,1-dichloropr...	0.385	0.375	0.389	0.355	0.375	0.381	0.369	0.355	0.373	3.39
50)	C	benzene	0.782	0.774	0.788	0.698	0.722	0.722	0.695	0.648	0.729	6.81
52)	C	carbon tetrach...	0.704	0.709	0.714	0.625	0.645	0.665	0.672	0.663	0.675	4.76
53)		cyclohexane	0.314	0.285	0.289	0.233	0.239	0.262	0.259	0.256	0.267	10.20
54)		tert-amyl meth...	0.673	0.660	0.673	0.620	0.653	0.679	0.673	0.655	0.661	2.90
55)		dibromomethane	0.347	0.343	0.360	0.330	0.344	0.356	0.352	0.342	0.347	2.70
56)	C	1,2-dichloropr...	0.253	0.231	0.235	0.219	0.223	0.226	0.222	0.219	0.229	4.94
57)		bromodichlorom...	0.560	0.576	0.581	0.493	0.513	0.569	0.567	0.546	0.550	5.75
58)	C	1,4-dioxane	0.162	0.161	0.170	0.147	0.150	0.170	0.169	0.167	0.162	5.53
59)	C	trichloroethene	0.460	0.446	0.468	0.406	0.421	0.427	0.431	0.423	0.435	4.82
60)	C	2,2,4-trimethy...	0.896	0.888	0.902	0.732	0.747	0.808	0.802	0.804	0.822	8.08
61)		methyl methacr...			0.234	0.224	0.206	0.214	0.222	0.228	0.235	0.223	4.81
62)		heptane	0.287	0.263	0.263	0.216	0.225	0.247	0.255	0.261	0.252	8.98
63)	C	cis-1,3-dichlo...	0.364	0.386	0.393	0.377	0.397	0.414	0.410	0.395	0.392	4.17
64)	C	4-methyl-2-pen...			0.375	0.380	0.334	0.347	0.377	0.377	0.373	0.366	4.89

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
65)		trans-1,3-dich...	0.273	0.286	0.312	0.301	0.322	0.336	0.336	0.322	0.311	7.33
66)	C	1,1,2-trichlor...	0.402	0.361	0.377	0.344	0.356	0.363	0.351	0.330	0.360	6.07
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	7.888	7.523	7.632	6.705	6.716	6.830	6.209	5.880	6.923	10.20
69)	s	toluene-D8			6.647	6.429	6.379	6.517	6.001	5.904	6.313	4.67
71)		1,3-dichloropr...	3.247	3.204	3.319	2.932	2.893	2.959	2.702	2.709	2.996	7.93
72)		2-hexanone	2.499	2.489	2.596	2.285	2.271	2.605	2.589	2.551	2.486	5.44
74)		dibromochlorom...	5.175	4.771	5.078	4.271	4.361	5.040	4.801	4.681	4.772	6.89
75)	C	1,2-dibromoethane	4.349	4.115	4.348	3.940	4.029	4.164	3.883	3.731	4.070	5.37
76)		butyl acetate			0.876	0.858	0.803	0.800	0.837	0.775	0.774	0.818	4.92
77)		octane	2.234	2.180	2.361	1.993	1.987	2.040	1.914	1.942	2.082	7.63
78)	C	tetrachloroethene	4.765	4.512	4.652	4.087	4.139	4.348	4.205	4.033	4.343	6.30
79)		1,1,1,2-tetrac...	3.606	3.532	3.699	3.357	3.481	3.795	3.698	3.391	3.570	4.39
80)	C	chlorobenzene	6.232	6.153	6.242	5.596	5.664	5.934	5.599	5.229	5.831	6.29
81)	C	ethylbenzene	9.382	9.320	9.567	8.719	8.771	8.976	8.252	7.819	8.851	6.72
83)	C	m+p-xylene	7.427	7.099	7.328	6.444	6.479	6.625	6.357	6.025	6.723	7.48
84)	C	bromoform	4.679	4.631	4.880	4.141	4.334	5.330	5.353	5.003	4.794	9.09
85)	C	styrene	5.527	5.210	5.457	5.138	5.250	5.525	5.178	4.972	5.282	3.81
86)	C	1,1,2,2-tetrac...	5.355	5.148	5.186	4.721	4.789	4.966	4.794	4.181	4.893	7.44
87)	C	o-xylene	7.592	7.074	7.347	6.510	6.595	6.836	6.613	5.795	6.795	8.20
88)		1,2,3-trichlor...	3.711	3.497	3.669	3.267	3.265	3.397	3.251	3.315	3.422	5.41
89)		nonane	2.972	2.725	2.867	2.568	2.590	2.758	2.867	2.840	2.774	5.10
90)	s	bromofluoroben...			3.521	3.552	3.489	3.624	3.566	3.515	3.545	1.34
91)	C	isopropylbenzene	0.992	0.973	1.005	0.932	0.950	1.006	0.936	0.861	0.957	5.07
92)		bromobenzene	4.550	4.482	4.553	4.093	4.116	4.335	4.233	4.243	4.326	4.28
93)		2-chlorotoluene	2.780	2.718	2.958	2.722	2.687	3.011	2.824	2.803	2.813	4.14
94)		n-propylbenzene	2.852	2.850	2.937	2.725	2.769	2.980	2.886	2.845	2.855	2.89
95)		4-chlorotoluene	2.667	2.634	2.634	2.390	2.560	2.712	2.719	2.678	2.624	4.09
96)		4-ethyl toluene	9.408	9.070	9.551	8.429	8.232	9.592	8.836	8.377	8.937	6.16
97)		1,3,5-trimethy...	7.929	7.580	7.848	7.059	7.484	7.667	7.525	7.133	7.528	4.09
98)		tert-butylbenzene	9.468	9.138	9.441	8.817	9.160	9.914	9.368	7.104	9.051	9.37

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Method File : TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025
Response Via : Initial Calibration

Calibration Files
0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D 5.0 =R236987.D 10 =R236988.D 20 =R236989.D
50 =R236990.D 100 =R236991.D

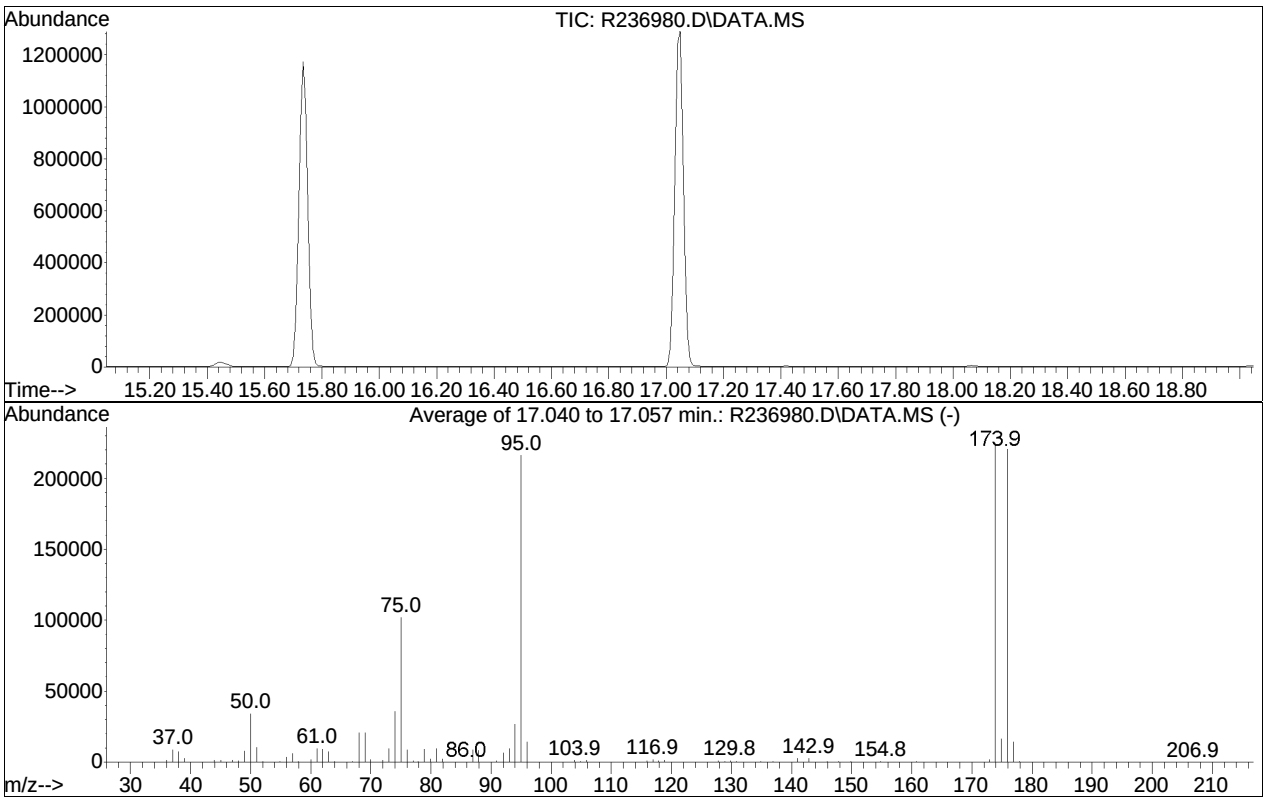
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
99)		1,2,4-trimethy...	8.122	8.053	8.415	7.944	8.204	8.718	8.478	6.417	8.044	8.75
100)		decane	3.554	3.330	3.578	3.342	3.401	3.689	3.892	3.767	3.569	5.75
101)	C	Benzyl Chloride	4.399	4.691	5.023	5.349	5.814	6.896	7.214	6.576	5.745	18.35
102)		1,3-dichlorobe...	6.237	6.101	6.551	6.191	6.213	6.869	6.899	6.025	6.386	5.38
103)	C	1,4-dichlorobe...	5.982	5.988	6.140	5.752	6.120	6.550	6.470	5.941	6.118	4.42
104)		sec-butylbenzene	1.223	1.210	1.241	1.116	1.124	1.186	1.119	0.998	1.152	6.90
106)		p-isopropyltol...	1.113	1.103	1.128	1.083	1.131	1.224	1.150	0.810	1.093	11.16
107)		1,2-dichlorobe...	5.969	5.620	5.970	5.791	5.931	6.467	6.476	6.066	6.036	4.98
108)		n-butylbenzene	8.784	8.680	9.116	8.724	8.963	9.332	8.943	8.052	8.824	4.30
111)	C	1,2-dibromo-3-...	2.003	2.084	2.214	2.316	2.431	2.618	2.750	2.744	2.395	12.11
112)		undecane	6.033	5.556	5.941	5.177	5.578	6.106	5.021	4.029	5.430	12.67
114)		dodecane	2.520	3.017	3.203	3.730	3.928	4.176	4.129	3.825	3.566	16.56
115)	C	1,2,4-trichlor...	3.399	4.004	4.485	5.400	5.946	6.479	6.819	5.971	5.313	23.09
116)		naphthalene	0.718	0.869	0.986	1.214	1.294	1.291	1.236	1.101	1.089	19.54
117)		1,2,3-trichlor...	3.541	4.071	4.461	5.367	5.886	6.162	6.547	5.530	5.196	20.47
119)	C	hexachlorobuta...	3.541	4.024	4.209	4.659	5.039	5.453	5.813	4.378	4.640	16.37

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236980.D
Acq On : 21 Nov 2025 08:09 pm
Operator : AIRLAB23:BJB
Sample : WG2145605-1,3,250,250
Misc : WG2145605
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025



Spectrum Information: Average of 17.040 to 17.057 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	15.7	34024	PASS
75	95	30	66	47.1	101915	PASS
95	95	100	100	100.0	216448	PASS
96	95	5	9	6.5	14166	PASS
173	174	0.00	2	0.8	1777	PASS
174	95	50	120	104.0	225088	PASS
175	174	4	9	7.2	16309	PASS
176	174	93	101	97.9	220395	PASS
177	176	5	9	6.4	14077	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.862	49	254578	10.000	ppbV	-0.01
Standard Area = 215783			Recovery = 117.98%			
43) 1,4-difluorobenzene	11.047	114	1079425	10.000	ppbV	-0.01
Standard Area = 895236			Recovery = 120.57%			
67) chlorobenzene-D5	15.734	54	141267	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 110.28%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.710	65	297308	9.837	ppbV	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.37%			
69) toluene-D8	13.863	98	918062	10.187	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.87%			
90) bromofluorobenzene	17.040	95	477794	9.693	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.93%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.763	51	6023	0.245	ppbV	97
3) propylene	3.787	41	2960M6	0.333	ppbV	
4) propane	3.810	29	1943	0.279	ppbV	85
5) dichlorodifluoromethane	3.857	85	15768	0.243	ppbV	99
6) chloromethane	4.033	50	4426	0.243	ppbV	94
7) Freon-114	4.126	85	18952	0.236	ppbV	98
8) methanol	4.220	31	6698	1.419	ppbV #	1
9) vinyl chloride	4.249	62	6032	0.249	ppbV	94
10) 1,3-butadiene	4.390	54	3841	0.263	ppbV	82
11) butane	4.437	43	7729	0.265	ppbV	92
12) acetaldehyde	4.167	29	10302	1.443	ppbV	88
13) bromomethane	4.665	94	6979	0.231	ppbV	96
14) chloroethane	4.846	64	3359	0.230	ppbV	92
15) ethanol	4.998	31	10805	1.123	ppbV	97
16) dichlorofluoromethane	4.946	67	10793	0.228	ppbV	99
17) vinyl bromide	5.216	106	4849	0.229	ppbV	95
18) acrolein	5.356	56	1619	0.201	ppbV #	56
19) acetone	5.502	43	29609	1.358	ppbV #	99
20) acetonitrile	5.222	41	3445	0.293	ppbV #	1
21) trichlorofluoromethane	5.666	101	16258	0.232	ppbV	100
22) isopropyl alcohol	5.783	45	15407	0.700	ppbV	98
23) acrylonitrile	5.999	53	3239	0.241	ppbV	93
24) pentane	6.058	43	5859	0.220	ppbV	95

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.104	31	2925	0.234	ppbV		92
26) 1,1-dichloroethene	6.358	61	9541	0.245	ppbV		99
27) tertiary butyl alcohol	6.443	59	10729	0.369	ppbV	#	91
28) methylene chloride	6.493	49	5092	0.252	ppbV		98
29) 3-chloropropene	6.622	41	4423	0.289	ppbV		95
30) carbon disulfide	6.801	76	12555	0.240	ppbV	#	84
31) Freon 113	6.790	101	13062	0.237	ppbV		97
32) trans-1,2-dichloroethene	7.530	61	6179	0.237	ppbV		95
33) 1,1-dichloroethane	7.747	63	8711	0.222	ppbV		98
34) MTBE	7.844	73	13411	0.245	ppbV		97
35) vinyl acetate	7.942	43	9362	0.317	ppbV		99
36) 2-butanone	8.223	43	7586	0.263	ppbV	#	96
37) cis-1,2-dichloroethene	8.683	61	6526	0.217	ppbV		94
38) Ethyl Acetate	8.976	61	1233	0.228	ppbV	#	25
39) chloroform	9.009	83	12767	0.235	ppbV		97
40) Tetrahydrofuran	9.498	42	3911	0.285	ppbV		98
41) 2,2-dichloropropane	9.041	77	9361	0.211	ppbV		94
42) 1,2-dichloroethane	9.832	62	7054	0.213	ppbV		97
44) hexane	8.935	57	6236	0.244	ppbV	#	54
45) diisopropyl ether	8.944	87	4600	0.205	ppbV		97
46) tert-butyl ethyl ether	9.555	59	13846	0.212	ppbV		99
48) 1,1,1-trichloroethane	10.125	97	13839	0.216	ppbV		96
49) 1,1-dichloropropene	10.481	75	8322	0.206	ppbV		95
50) benzene	10.632	78	16890	0.217	ppbV		100
51) thiophene	10.783	84	15385	0.159	ppbV		98
52) carbon tetrachloride	10.802	117	15199	0.218	ppbV		98
53) cyclohexane	10.953	56	6772	0.263	ppbV		96
54) tert-amyl methyl ether	11.339	73	14528	0.206	ppbV		97
55) dibromomethane	11.537	93	7484	0.201	ppbV		97
56) 1,2-dichloropropane	11.565	63	5457	0.226	ppbV		96
57) bromodichloromethane	11.791	83	12086	0.218	ppbV		97
58) 1,4-dioxane	11.876	88	3499	0.216	ppbV	#	65
59) trichloroethene	11.839	130	9926	0.218	ppbV		93
60) 2,2,4-trimethylpentane	11.895	57	19346	0.240	ppbV		96
61) methyl methacrylate	12.103	41	5126	0.222	ppbV		97
62) heptane	12.206	43	6203	0.255	ppbV		92
63) cis-1,3-dichloropropene	12.837	75	7862	0.184	ppbV		95
64) 4-methyl-2-pentanone	12.920	43	7952	0.212	ppbV		94
65) trans-1,3-dichloropropene	13.454	75	5892	0.170	ppbV	#	87
66) 1,1,2-trichloroethane	13.654	97	8685	0.226	ppbV		86

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.980	91	22287	0.235	ppbV	98
70) 2-methylthiophene	14.046	97	22476	0.174	ppbV	97
71) 1,3-dichloropropane	14.005	76	9173	0.224	ppbV	98
72) 2-hexanone	14.313	43	7060	0.220	ppbV	98
73) 3-methylthiophene	14.247	97	22209	0.163	ppbV	98
74) dibromochloromethane	14.430	129	14621	0.237	ppbV	99
75) 1,2-dibromoethane	14.689	107	12286	0.216	ppbV	95
76) butyl acetate	14.964	73	2690	0.238	ppbV	86
77) octane	15.022	85	6312	0.225	ppbV	86
78) tetrachloroethene	15.147	166	13462	0.230	ppbV	96
79) 1,1,1,2-tetrachloroethane	15.760	131	10189	0.207	ppbV	94
80) chlorobenzene	15.778	112	17607	0.220	ppbV	96
81) ethylbenzene	16.108	91	26507	0.214	ppbV	98
82) 2-ethylthiophene	16.143	97	25597	0.161	ppbV	96
83) m+p-xylene	16.265	91	41968M6	0.459	ppbV	
84) bromoform	16.326	173	13220	0.216	ppbV	99
85) styrene	16.578	104	15615	0.211	ppbV	97
86) 1,1,2,2-tetrachloroethane	16.666	83	15131	0.224	ppbV	100
87) o-xylene	16.666	91	21449	0.230	ppbV	93
88) 1,2,3-trichloropropane	16.779	75	10485	0.227	ppbV	96
89) nonane	16.857	43	8398	0.229	ppbV	91
91) isopropylbenzene	17.153	105	28020	0.209	ppbV	100
92) bromobenzene	17.223	77	12856	0.221	ppbV	94
93) 2-chlorotoluene	17.545	126	7855	0.207	ppbV	97
94) n-propylbenzene	17.571	120	8059	0.206	ppbV	89
95) 4-chlorotoluene	17.606	126	7535	0.208	ppbV	90
96) 4-ethyl toluene	17.693	105	26581	0.229	ppbV	98
97) 1,3,5-trimethylbenzene	17.754	105	22401	0.212	ppbV	99
98) tert-butylbenzene	18.079	119	26749	0.207	ppbV	100
99) 1,2,4-trimethylbenzene	18.079	105	22946	0.198	ppbV	98
100) decane	18.159	57	10041	0.209	ppbV	95
101) Benzyl Chloride	18.198	91	12429	0.151	ppbV	100
102) 1,3-dichlorobenzene	18.206	146	17623	0.201	ppbV	96
103) 1,4-dichlorobenzene	18.262	146	16902	0.196	ppbV	98
104) sec-butylbenzene	18.294	105	34553	0.218	ppbV	98
105) 1,2,3-trimethylbenzene	18.422	105	25104	0.207	ppbV	97
106) p-isopropyltoluene	18.422	119	31442	0.197	ppbV	97
107) 1,2-dichlorobenzene	18.534	146	16864	0.201	ppbV	97
108) n-butylbenzene	18.757	91	24817	0.196	ppbV	97
109) indan	18.582	117	20892	0.216	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

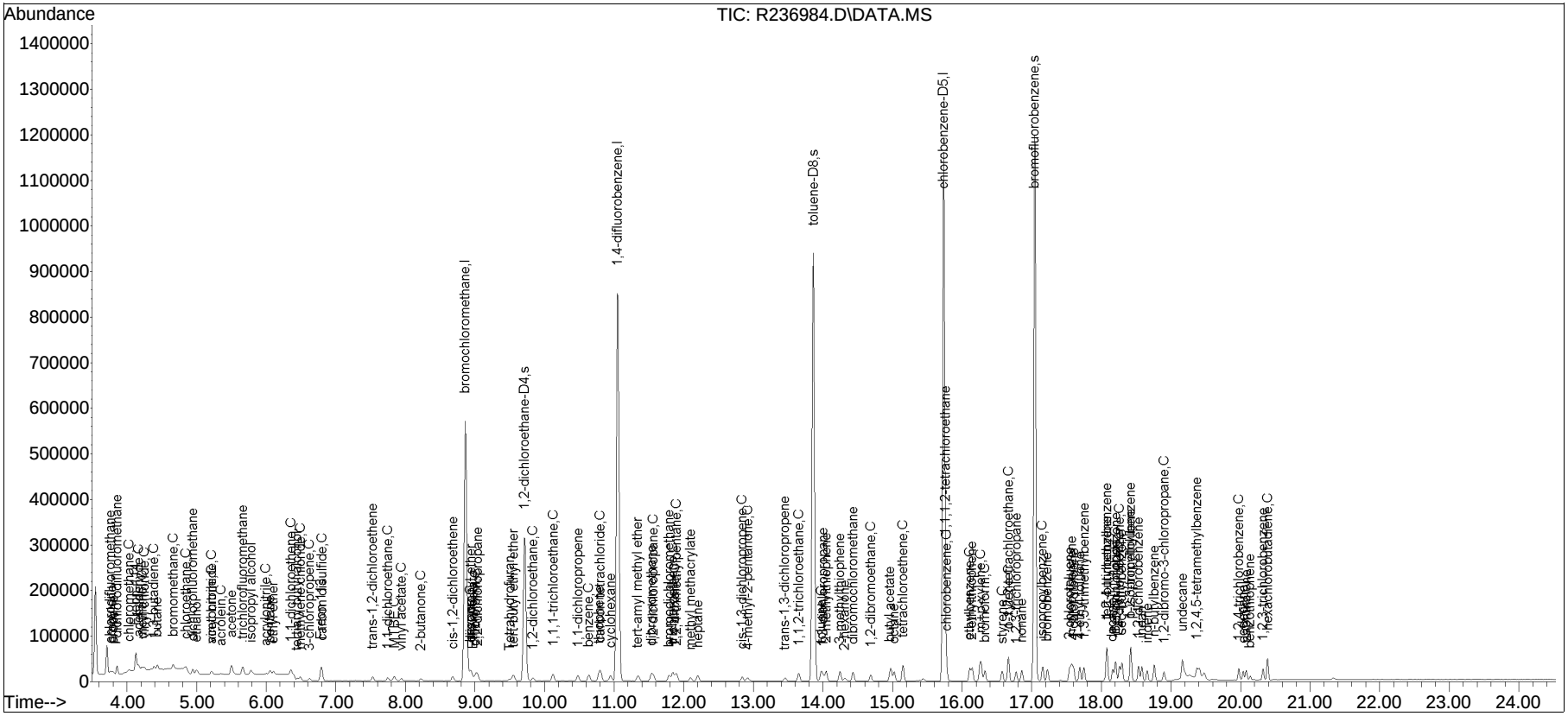
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.661	115	15642	0.196	ppbV	95
111) 1,2-dibromo-3-chloropr...	18.901	75	5658	0.165	ppbV	88
112) undecane	19.164	57	17044	0.216	ppbV	98
113) 1,2,4,5-tetramethylben...	19.372	119	13173	0.152	ppbV #	97
114) dodecane	20.039	57	7120	0.128	ppbV	100
115) 1,2,4-trichlorobenzene	19.975	180	9602	0.114	ppbV	98
116) naphthalene	20.080	128	20292	0.111	ppbV	100
117) 1,2,3-trichlorobenzene	20.325	180	10004	0.120	ppbV	97
118) benzothiophene	20.138	134	8864	0.070	ppbV #	95
119) hexachlorobutadiene	20.390	225	10005	0.141	ppbV	95
120) 2-methylnaphthalene	21.161		0	N.D.		
121) 1-methylnaphthalene	21.337		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:45 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

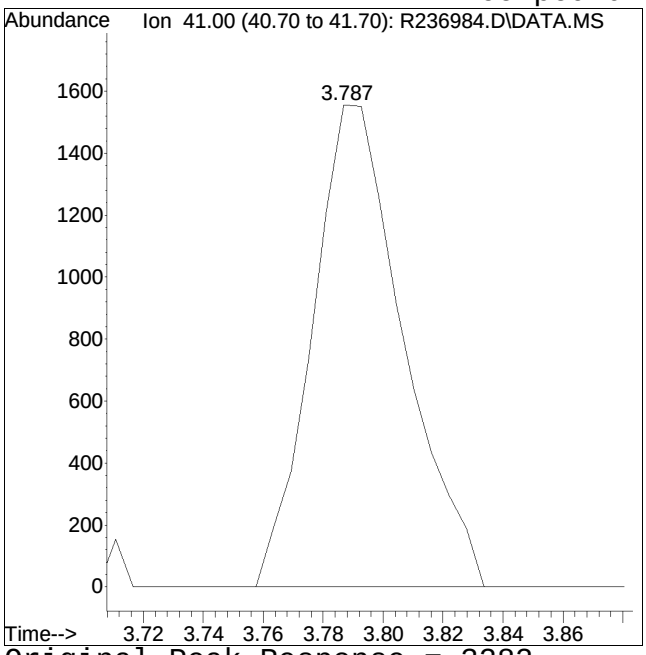


Manual Integration Report

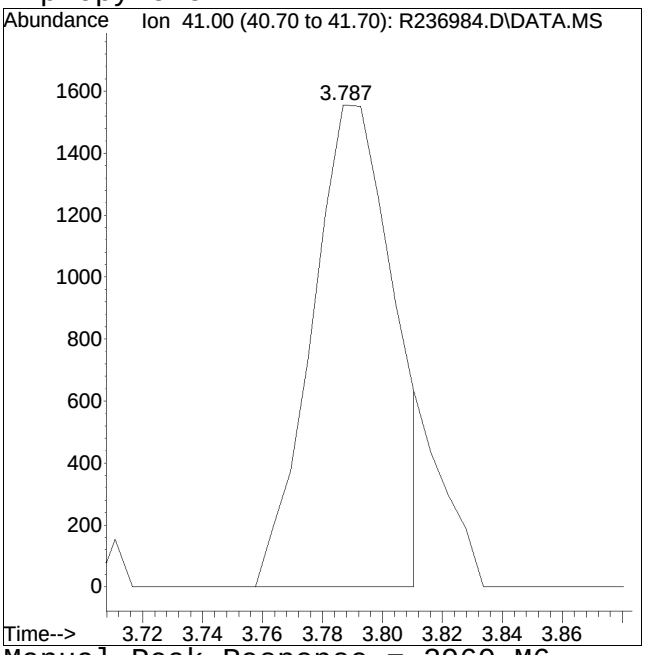
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236984.D
Date Inj'd : 11/21/2025 10:35 pm
Sample : ITO15-SIMSTD0.2

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:48 am

Compound #3: propylene



Original Peak Response = 3282



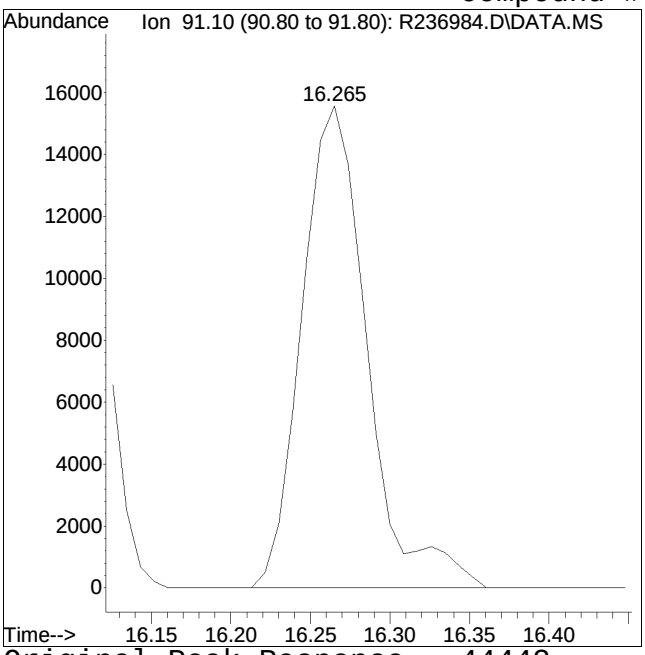
Manual Peak Response = 2960 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

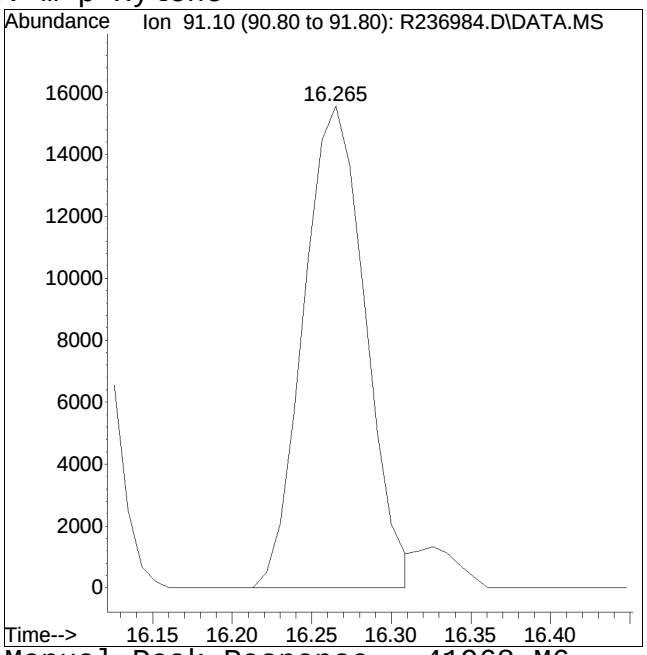
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 8:48 am

Compound #83: m+p-xylene



Original Peak Response = 44442



Manual Peak Response = 41968 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.860	49	240700	10.000	ppbV	-0.01
Standard Area = 215783			Recovery = 111.55%			
43) 1,4-difluorobenzene	11.052	114	1062049	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 118.63%			
67) chlorobenzene-D5	15.731	54	142287	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 111.07%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.715	65	283521	9.534	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.34%			
69) toluene-D8	13.860	98	909143	10.016	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.16%			
90) bromofluorobenzene	17.046	95	497891	10.029	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.29%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	14358	0.617	ppbV	98
3) propylene	3.787	41	5827M6	0.694	ppbV	
4) propane	3.810	29	4012	0.610	ppbV	92
5) dichlorodifluoromethane	3.857	85	35397	0.578	ppbV	100
6) chloromethane	4.027	50	9804	0.570	ppbV	95
7) Freon-114	4.126	85	43190	0.568	ppbV	98
8) methanol	4.214	31	14917	3.343	ppbV #	1
9) vinyl chloride	4.243	62	13542	0.590	ppbV	95
10) 1,3-butadiene	4.384	54	8918	0.645	ppbV	98
11) butane	4.436	43	16389	0.595	ppbV	97
12) acetaldehyde	4.161	29	21919	3.246	ppbV	95
13) bromomethane	4.665	94	16275	0.569	ppbV	96
14) chloroethane	4.840	64	7832	0.567	ppbV	97
15) ethanol	4.986	31	26125	2.872	ppbV	99
16) dichlorofluoromethane	4.945	67	24923	0.558	ppbV	98
17) vinyl bromide	5.216	106	11978	0.598	ppbV	99
18) acrolein	5.350	56	4042	0.530	ppbV #	85
19) acetone	5.490	43	64862	3.145	ppbV #	100
20) acetonitrile	5.216	41	6697	0.602	ppbV #	34
21) trichlorofluoromethane	5.660	101	37857	0.571	ppbV	98
22) isopropyl alcohol	5.765	45	33824	1.626	ppbV	99
23) acrylonitrile	5.993	53	6395	0.503	ppbV	92
24) pentane	6.057	43	15111	0.601	ppbV	97

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.092	31	6954	0.588	ppbV		94
26) 1,1-dichloroethene	6.354	61	17254	0.468	ppbV		98
27) tertiary butyl alcohol	6.438	59	15457	0.562	ppbV		95
28) methylene chloride	6.493	49	11518	0.604	ppbV		98
29) 3-chloropropene	6.622	41	9252	0.639	ppbV		96
30) carbon disulfide	6.796	76	31463	0.636	ppbV	#	90
31) Freon 113	6.790	101	31076	0.596	ppbV		99
32) trans-1,2-dichloroethene	7.530	61	14654	0.593	ppbV		98
33) 1,1-dichloroethane	7.747	63	20849	0.563	ppbV		100
34) MTBE	7.834	73	32468	0.627	ppbV		99
35) vinyl acetate	7.936	43	21319	0.763	ppbV		100
36) 2-butanone	8.207	43	16409	0.602	ppbV		95
37) cis-1,2-dichloroethene	8.680	61	15589	0.547	ppbV		98
38) Ethyl Acetate	8.965	61	2992	0.585	ppbV	#	43
39) chloroform	9.014	83	29304	0.570	ppbV		99
40) Tetrahydrofuran	9.479	42	9291	0.717	ppbV		95
41) 2,2-dichloropropane	9.039	77	22272	0.532	ppbV		93
42) 1,2-dichloroethane	9.838	62	17500	0.560	ppbV		99
44) hexane	8.933	57	15253	0.606	ppbV	#	61
45) diisopropyl ether	8.933	87	10902	0.493	ppbV		95
46) tert-butyl ethyl ether	9.544	59	33357	0.519	ppbV		98
48) 1,1,1-trichloroethane	10.123	97	32854	0.522	ppbV		97
49) 1,1-dichloropropene	10.478	75	19920	0.500	ppbV		96
50) benzene	10.638	78	41099	0.536	ppbV		99
51) thiophene	10.779	84	36990	0.389	ppbV		99
52) carbon tetrachloride	10.807	117	37627	0.549	ppbV		98
53) cyclohexane	10.949	56	15111	0.596	ppbV		96
54) tert-amyl methyl ether	11.335	73	35034	0.505	ppbV		98
55) dibromomethane	11.533	93	18234	0.499	ppbV		98
56) 1,2-dichloropropane	11.571	63	12276	0.517	ppbV		97
57) bromodichloromethane	11.788	83	30573	0.561	ppbV		97
58) 1,4-dioxane	11.863	88	8557	0.537	ppbV	#	85
59) trichloroethene	11.844	130	23679	0.529	ppbV		98
60) 2,2,4-trimethylpentane	11.891	57	47132	0.594	ppbV		98
61) methyl methacrylate	12.089	41	12450	0.548	ppbV	#	90
62) heptane	12.202	43	13955	0.584	ppbV		97
63) cis-1,3-dichloropropene	12.842	75	20477	0.486	ppbV		98
64) 4-methyl-2-pentanone	12.892	43	19939	0.541	ppbV		95
65) trans-1,3-dichloropropene	13.451	75	15201	0.445	ppbV		98
66) 1,1,2-trichloroethane	13.651	97	19190	0.507	ppbV		100

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	13.977	91	53519	0.560	ppbV		98
70)	2-methylthiophene	14.044	97	53269	0.410	ppbV		97
71)	1,3-dichloropropane	14.002	76	22792	0.554	ppbV		100
72)	2-hexanone	14.294	43	17706	0.548	ppbV	#	92
73)	3-methylthiophene	14.244	97	55153	0.401	ppbV		98
74)	dibromochloromethane	14.436	129	33946	0.547	ppbV		95
75)	1,2-dibromoethane	14.686	107	29272	0.511	ppbV		98
76)	butyl acetate	14.944	73	6233	0.548	ppbV		96
77)	octane	15.020	85	15506	0.548	ppbV		96
78)	tetrachloroethene	15.145	166	32102	0.545	ppbV		98
79)	1,1,1,2-tetrachloroethane	15.757	131	25126	0.507	ppbV		99
80)	chlorobenzene	15.775	112	43775	0.543	ppbV		99
81)	ethylbenzene	16.106	91	66307	0.531	ppbV		98
82)	2-ethylthiophene	16.140	97	62496	0.389	ppbV		96
83)	m+p-xylene	16.262	91	101013	1.096	ppbV		100
84)	bromoform	16.323	173	32945	0.534	ppbV		97
85)	styrene	16.576	104	37064	0.496	ppbV		100
86)	1,1,2,2-tetrachloroethane	16.663	83	36628	0.538	ppbV		99
87)	o-xylene	16.663	91	50328	0.536	ppbV		100
88)	1,2,3-trichloropropane	16.776	75	24880	0.535	ppbV		97
89)	nonane	16.854	43	19388	0.526	ppbV		96
91)	isopropylbenzene	17.150	105	69196	0.512	ppbV		99
92)	bromobenzene	17.229	77	31885	0.544	ppbV		95
93)	2-chlorotoluene	17.542	126	19338	0.506	ppbV		99
94)	n-propylbenzene	17.568	120	20273	0.515	ppbV		98
95)	4-chlorotoluene	17.603	126	18738	0.514	ppbV		94
96)	4-ethyl toluene	17.690	105	64530	0.551	ppbV		97
97)	1,3,5-trimethylbenzene	17.751	105	53928	0.506	ppbV		99
98)	tert-butylbenzene	18.076	119	65008	0.499	ppbV		99
99)	1,2,4-trimethylbenzene	18.076	105	57289	0.491	ppbV		99
100)	decane	18.156	57	23690	0.489	ppbV		97
101)	Benzyl Chloride	18.196	91	33373	0.403	ppbV		97
102)	1,3-dichlorobenzene	18.204	146	43407	0.491	ppbV		99
103)	1,4-dichlorobenzene	18.260	146	42602	0.489	ppbV		97
104)	sec-butylbenzene	18.291	105	86056	0.538	ppbV		98
105)	1,2,3-trimethylbenzene	18.419	105	58963	0.482	ppbV		97
106)	p-isopropyltoluene	18.419	119	78463	0.488	ppbV		99
107)	1,2-dichlorobenzene	18.531	146	39982	0.474	ppbV		98
108)	n-butylbenzene	18.754	91	61751	0.484	ppbV		100
109)	indan	18.579	117	51107	0.526	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

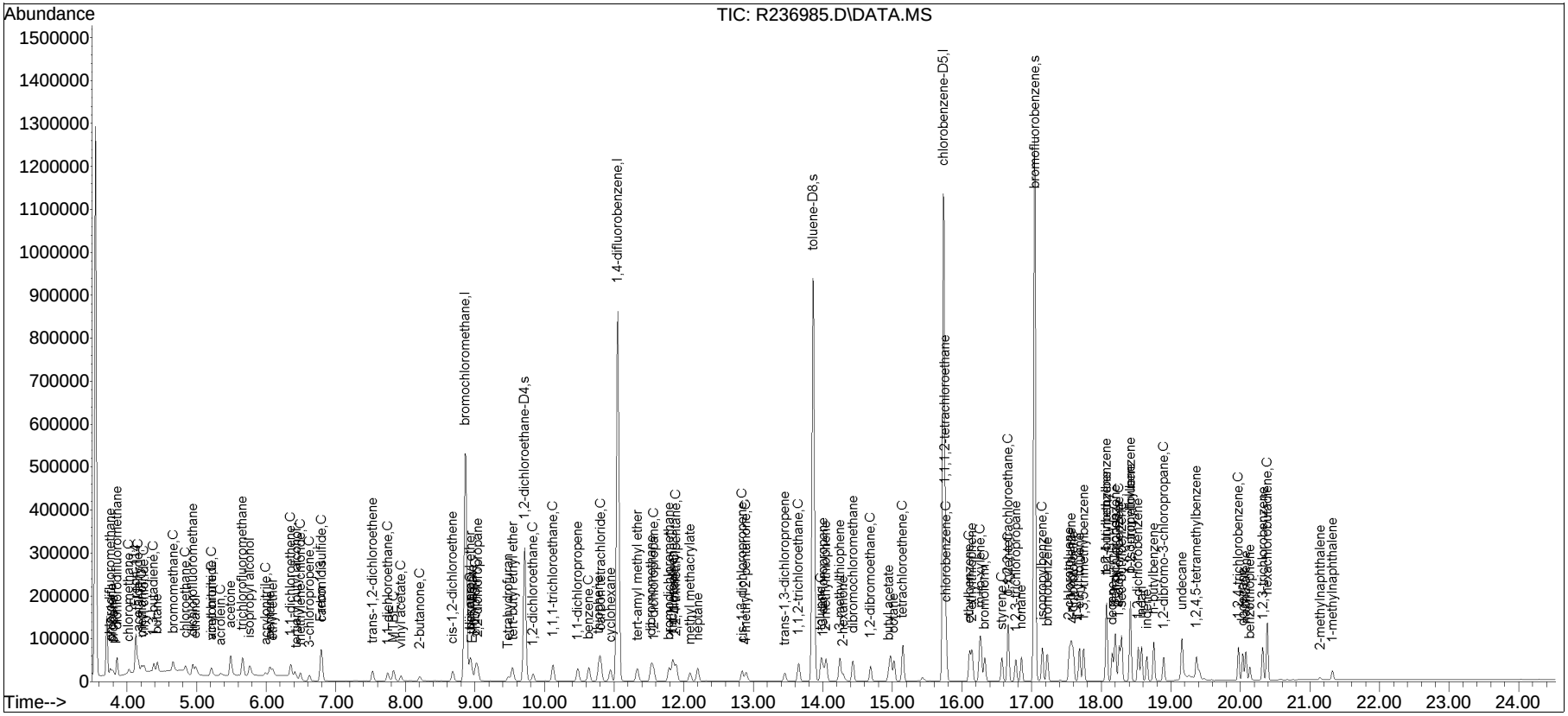
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.659	115	38980	0.484	ppbV	99
111) 1,2-dibromo-3-chloropr...	18.898	75	14823	0.429	ppbV	96
112) undecane	19.162	57	39529	0.498	ppbV	97
113) 1,2,4,5-tetramethylben...	19.369	119	33182	0.380	ppbV	98
114) dodecane	20.030	57	21465	0.384	ppbV	98
115) 1,2,4-trichlorobenzene	19.972	180	28488	0.337	ppbV	99
116) naphthalene	20.077	128	61796	0.336	ppbV	99
117) 1,2,3-trichlorobenzene	20.323	180	28964	0.346	ppbV	99
118) benzothiophene	20.136	134	28397	0.222	ppbV	98
119) hexachlorobutadiene	20.387	225	28629	0.399	ppbV	96
120) 2-methylnaphthalene	21.147	142	5294	0.110	ppbV	96
121) 1-methylnaphthalene	21.322	142	15848	0.115	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

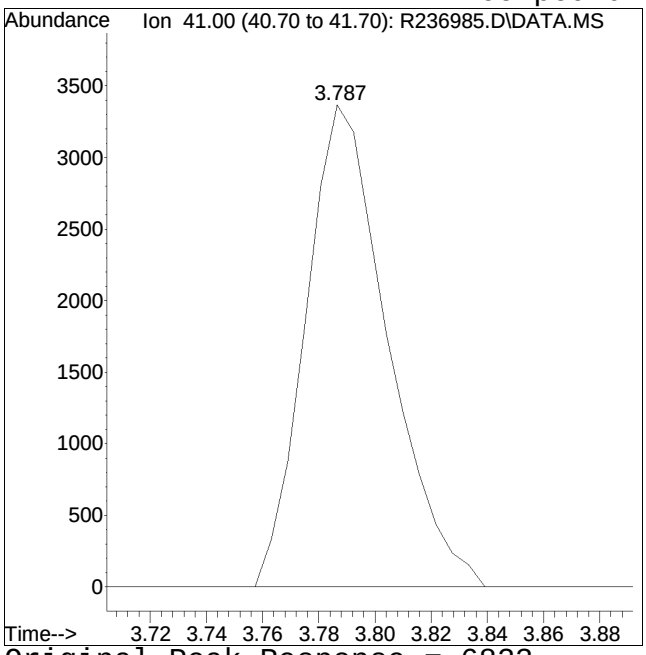
Quant Time: Nov 22 08:48:54 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration



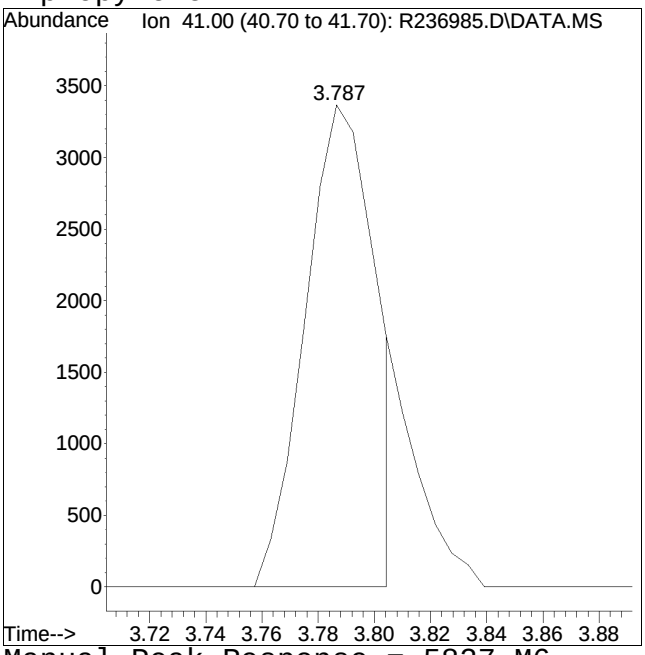
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236985.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:14 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.5 Quant Date : 11/22/2025 8:48 am

Compound #3: propylene



Original Peak Response = 6823



Manual Peak Response = 5827 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	238742	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 110.64%			
43) 1,4-difluorobenzene	11.050	114	1001924	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 111.92%			
67) chlorobenzene-D5	15.738	54	134475	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 104.97%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.713	65	279474	9.962	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.62%			
69) toluene-D8	13.858	98	893799	10.419	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.19%			
90) bromofluorobenzene	17.043	95	473446	10.090	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.90%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	30654	1.328	ppbV	99
3) propylene	3.787	41	10841M6	1.301	ppbV	
4) propane	3.804	29	8018	1.229	ppbV	95
5) dichlorodifluoromethane	3.857	85	73075	1.202	ppbV	99
6) chloromethane	4.021	50	19723	1.157	ppbV	97
7) Freon-114	4.126	85	87816	1.164	ppbV	98
8) methanol	4.208	31	27388	6.188	ppbV #	12
9) vinyl chloride	4.243	62	25847	1.136	ppbV	99
10) 1,3-butadiene	4.384	54	16890	1.231	ppbV	97
11) butane	4.431	43	30963	1.133	ppbV	96
12) acetaldehyde	4.155	29	42505	6.347	ppbV	97
13) bromomethane	4.659	94	32695	1.153	ppbV	98
14) chloroethane	4.834	64	15358	1.120	ppbV	98
15) ethanol	4.975	31	45199	5.009	ppbV	99
16) dichlorofluoromethane	4.940	67	49665	1.121	ppbV	99
17) vinyl bromide	5.210	106	22837	1.150	ppbV	99
18) acrolein	5.344	56	8196	1.083	ppbV	90
19) acetone	5.479	43	127069	6.212	ppbV	99
20) acetonitrile	5.204	41	12182	1.105	ppbV #	68
21) trichlorofluoromethane	5.660	101	73033	1.111	ppbV	98
22) isopropyl alcohol	5.753	45	65716	3.185	ppbV	99
23) acrylonitrile	5.981	53	14539	1.153	ppbV	99
24) pentane	6.052	43	29101	1.168	ppbV	98

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.087	31	13003	1.109	ppbV	98
26) 1,1-dichloroethene	6.349	61	34792	0.952	ppbV	98
27) tertiary butyl alcohol	6.410	59	33085	1.212	ppbV	97
28) methylene chloride	6.488	49	22748	1.202	ppbV	98
29) 3-chloropropene	6.616	41	17575	1.224	ppbV	97
30) carbon disulfide	6.790	76	60409	1.231	ppbV	97
31) Freon 113	6.790	101	60153	1.164	ppbV	97
32) trans-1,2-dichloroethene	7.525	61	28777	1.175	ppbV	99
33) 1,1-dichloroethane	7.747	63	40196	1.095	ppbV	96
34) MTBE	7.823	73	63243	1.232	ppbV	99
35) vinyl acetate	7.931	43	36811	1.327	ppbV	98
36) 2-butanone	8.197	43	32468	1.201	ppbV	98
37) cis-1,2-dichloroethene	8.678	61	30800	1.090	ppbV	96
38) Ethyl Acetate	8.955	61	5783	1.139	ppbV	68
39) chloroform	9.012	83	57878	1.135	ppbV	98
40) Tetrahydrofuran	9.460	42	17536	1.365	ppbV	98
41) 2,2-dichloropropane	9.036	77	45040	1.084	ppbV	98
42) 1,2-dichloroethane	9.835	62	33251	1.073	ppbV	98
44) hexane	8.930	57	28726	1.210	ppbV	81
45) diisopropyl ether	8.930	87	22141	1.062	ppbV	99
46) tert-butyl ethyl ether	9.533	59	64991	1.071	ppbV	99
48) 1,1,1-trichloroethane	10.120	97	64510	1.086	ppbV	99
49) 1,1-dichloropropene	10.475	75	38994	1.038	ppbV	98
50) benzene	10.635	78	78984	1.092	ppbV	99
51) thiophene	10.786	84	72116	0.804	ppbV	98
52) carbon tetrachloride	10.805	117	71574	1.108	ppbV	99
53) cyclohexane	10.946	56	28982	1.212	ppbV	98
54) tert-amyl methyl ether	11.323	73	67439	1.031	ppbV	100
55) dibromomethane	11.531	93	36081	1.046	ppbV	97
56) 1,2-dichloropropane	11.568	63	23546	1.052	ppbV	97
57) bromodichloromethane	11.785	83	58204	1.133	ppbV	98
58) 1,4-dioxane	11.851	88	17076	1.136	ppbV	98
59) trichloroethene	11.842	130	46858	1.110	ppbV	95
60) 2,2,4-trimethylpentane	11.889	57	90338	1.208	ppbV	98
61) methyl methacrylate	12.087	41	22451	1.047	ppbV	98
62) heptane	12.200	43	26353	1.168	ppbV	99
63) cis-1,3-dichloropropene	12.840	75	39333	0.990	ppbV	97
64) 4-methyl-2-pentanone	12.890	43	38052	1.094	ppbV	99
65) trans-1,3-dichloropropene	13.449	75	31310	0.972	ppbV	99
66) 1,1,2-trichloroethane	13.649	97	37726	1.057	ppbV	98

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	13.974	91	102638	1.137	ppbV	98
70)	2-methylthiophene	14.049	97	100880	0.822	ppbV	100
71)	1,3-dichloropropane	14.008	76	44632	1.147	ppbV	99
72)	2-hexanone	14.275	43	34904	1.143	ppbV	96
73)	3-methylthiophene	14.241	97	103893	0.799	ppbV	97
74)	dibromochloromethane	14.433	129	68284	1.164	ppbV	99
75)	1,2-dibromoethane	14.683	107	58464	1.079	ppbV	99
76)	butyl acetate	14.942	73	11544	1.073	ppbV	93
77)	octane	15.025	85	31751	1.188	ppbV	99
78)	tetrachloroethene	15.151	166	62561	1.124	ppbV	98
79)	1,1,1,2-tetrachloroethane	15.764	131	49746	1.063	ppbV	99
80)	chlorobenzene	15.772	112	83937	1.102	ppbV	99
81)	ethylbenzene	16.112	91	128647	1.091	ppbV	99
82)	2-ethylthiophene	16.147	97	122086	0.805	ppbV	100
83)	m+p-xylene	16.260	91	197090	2.262	ppbV	99
84)	bromoform	16.329	173	65619	1.126	ppbV	98
85)	styrene	16.573	104	73378	1.039	ppbV	99
86)	1,1,2,2-tetrachloroethane	16.660	83	69742	1.083	ppbV	99
87)	o-xylene	16.660	91	98801	1.114	ppbV	99
88)	1,2,3-trichloropropane	16.773	75	49342	1.124	ppbV	99
89)	nonane	16.852	43	38556	1.107	ppbV	99
91)	isopropylbenzene	17.156	105	135137	1.057	ppbV	100
92)	bromobenzene	17.226	77	61227	1.106	ppbV	95
93)	2-chlorotoluene	17.539	126	39772	1.101	ppbV	92
94)	n-propylbenzene	17.566	120	39498	1.061	ppbV	84
95)	4-chlorotoluene	17.600	126	35427	1.029	ppbV	89
96)	4-ethyl toluene	17.687	105	128432	1.160	ppbV	99
97)	1,3,5-trimethylbenzene	17.748	105	105531	1.049	ppbV	100
98)	tert-butylbenzene	18.073	119	126962	1.031	ppbV	99
99)	1,2,4-trimethylbenzene	18.073	105	113158	1.026	ppbV	97
100)	decane	18.153	57	48117	1.052	ppbV	99
101)	Benzyl Chloride	18.193	91	67542	0.864	ppbV	100
102)	1,3-dichlorobenzene	18.201	146	88101	1.054	ppbV	97
103)	1,4-dichlorobenzene	18.257	146	82573	1.003	ppbV	98
104)	sec-butylbenzene	18.289	105	166901	1.104	ppbV	98
105)	1,2,3-trimethylbenzene	18.417	105	116532	1.008	ppbV	99
106)	p-isopropyltoluene	18.417	119	151638	0.997	ppbV	100
107)	1,2-dichlorobenzene	18.528	146	80285	1.007	ppbV	98
108)	n-butylbenzene	18.752	91	122587	1.017	ppbV	98
109)	indan	18.576	117	100617	1.095	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

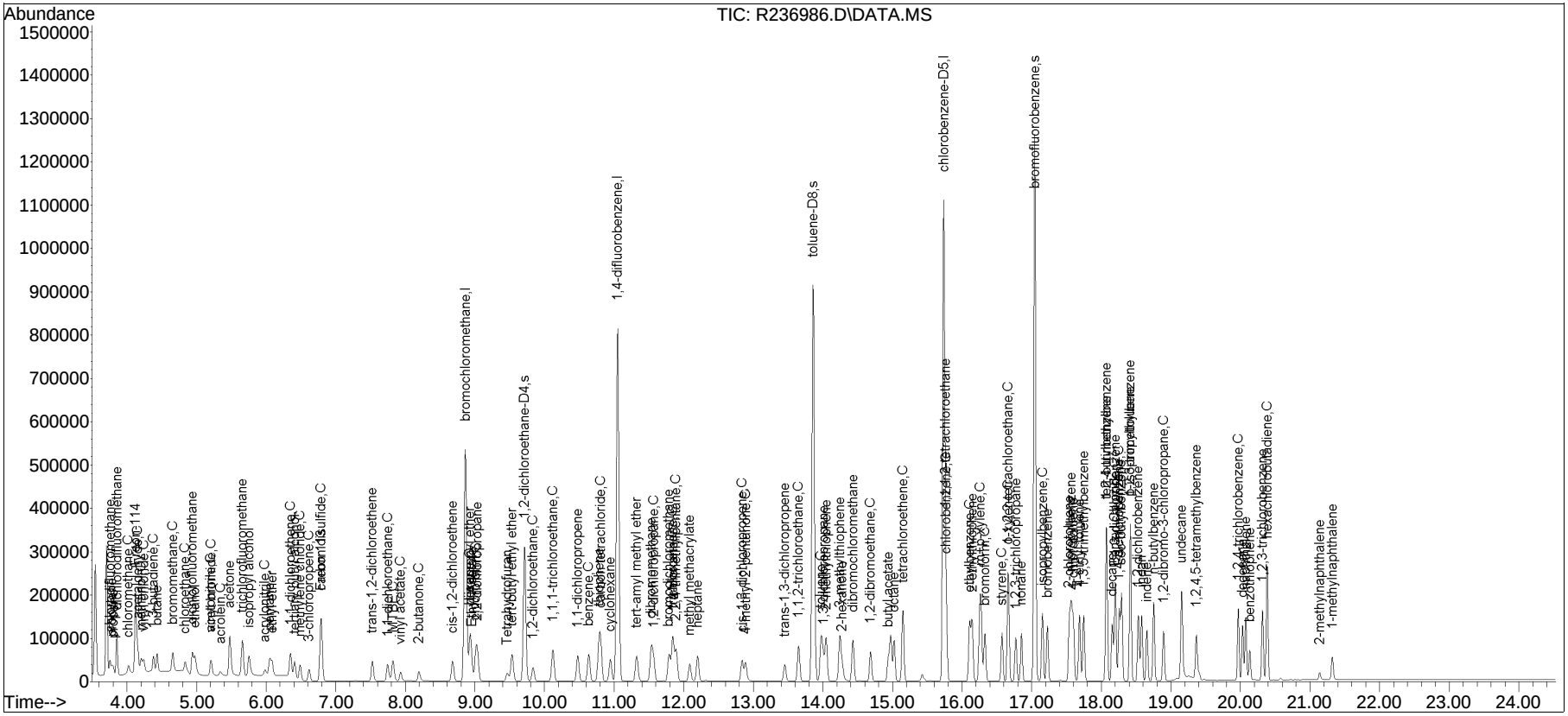
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.656	115	77226	1.014	ppbV	99
111) 1,2-dibromo-3-chloropr...	18.896	75	29773	0.911	ppbV	93
112) undecane	19.151	57	79895	1.065	ppbV	99
113) 1,2,4,5-tetramethylben...	19.367	119	64997	0.787	ppbV	100
114) dodecane	20.028	57	43076	0.815	ppbV	99
115) 1,2,4-trichlorobenzene	19.970	180	60306	0.754	ppbV	99
116) naphthalene	20.075	128	132565	0.762	ppbV	99
117) 1,2,3-trichlorobenzene	20.314	180	59991	0.758	ppbV	98
118) benzothiophene	20.133	134	61116	0.505	ppbV	99
119) hexachlorobutadiene	20.385	225	56595	0.835	ppbV	97
120) 2-methylnaphthalene	21.139	142	13627	0.300	ppbV	95
121) 1-methylnaphthalene	21.320	142	35780	0.274	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145605
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 08:49:02 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

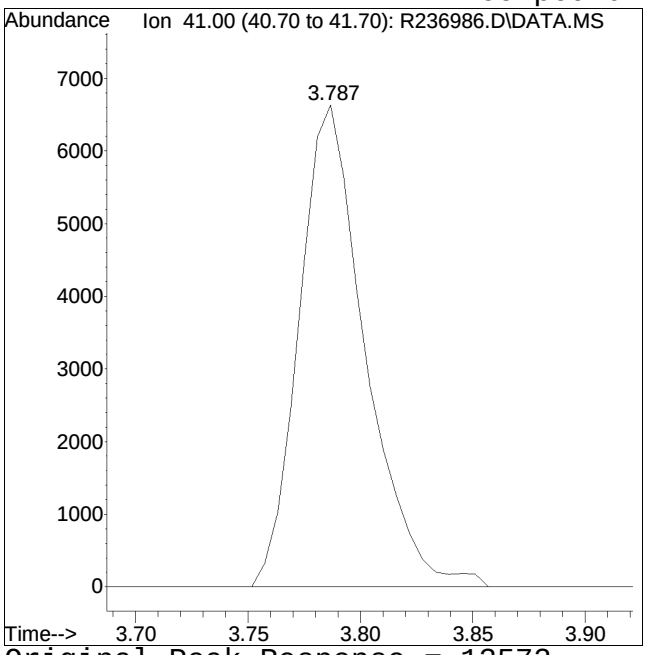


Manual Integration Report

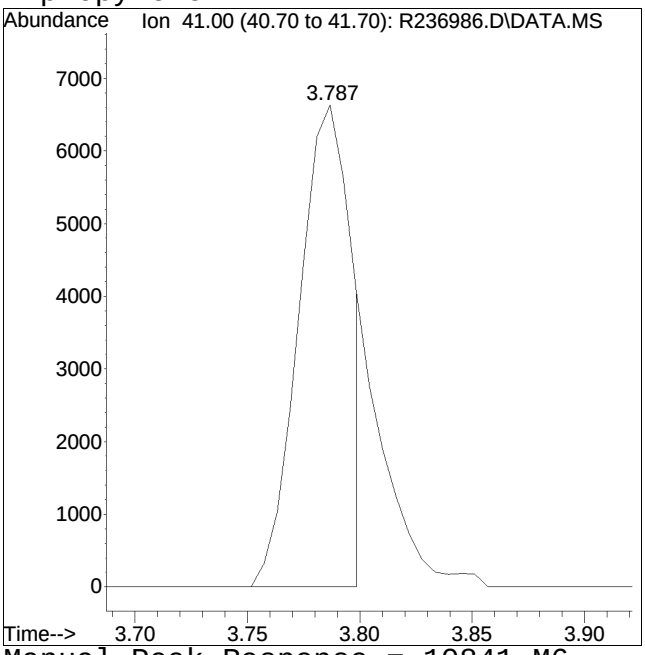
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236986.D
Date Inj'd : 11/21/2025 11:55 pm
Sample : ITO15-SIMSTD1.0

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 13572



Manual Peak Response = 10841 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.870	49	219470	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 101.71%			
43) 1,4-difluorobenzene	11.057	114	954407	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 106.61%			
67) chlorobenzene-D5	15.734	54	131294	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 102.49%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.718	65	256658	9.604	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.04%			
69) toluene-D8	13.863	98	844110	10.078	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.78%			
90) bromofluorobenzene	17.040	95	466409	10.181	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.81%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	115996	5.466	ppbV	100
3) propylene	3.786	41	43378M6	5.663	ppbV	
4) propane	3.810	29	31391	5.236	ppbV	93
5) dichlorodifluoromethane	3.857	85	296304	5.302	ppbV	99
6) chloromethane	4.021	50	78158	4.988	ppbV	99
7) Freon-114	4.126	85	354111	5.107	ppbV	99
8) methanol	4.202	31	104041	25.570	ppbV #	87
9) vinyl chloride	4.243	62	106233	5.080	ppbV	99
10) 1,3-butadiene	4.383	54	63950	5.072	ppbV	99
11) butane	4.436	43	125144	4.983	ppbV	99
12) acetaldehyde	4.149	29	162280	26.360	ppbV	99
13) bromomethane	4.659	94	130477	5.007	ppbV	100
14) chloroethane	4.840	64	61813	4.904	ppbV	98
15) ethanol	4.980	31	213568	25.747	ppbV	100
16) dichlorofluoromethane	4.945	67	204917	5.031	ppbV	100
17) vinyl bromide	5.210	106	91726	5.025	ppbV	100
18) acrolein	5.338	56	34304	4.932	ppbV	98
19) acetone	5.467	43	477911	25.416	ppbV	99
20) acetonitrile	5.198	41	51072	5.039	ppbV	99
21) trichlorofluoromethane	5.660	101	308166	5.098	ppbV	99
22) isopropyl alcohol	5.753	45	253003	13.340	ppbV	100
23) acrylonitrile	5.981	53	57768	4.985	ppbV	99
24) pentane	6.057	43	118082	5.153	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.075	31	54690	5.076	ppbV	99
26) 1,1-dichloroethene	6.354	61	172899	5.147	ppbV	99
27) tertiary butyl alcohol	6.405	59	150801	6.008	ppbV	98
28) methylene chloride	6.493	49	90765	5.218	ppbV	99
29) 3-chloropropene	6.622	41	68434	5.185	ppbV	98
30) carbon disulfide	6.790	76	232537	5.156	ppbV	99
31) Freon 113	6.790	101	244833	5.152	ppbV	100
32) trans-1,2-dichloroethene	7.530	61	114461	5.084	ppbV	99
33) 1,1-dichloroethane	7.747	63	172650	5.115	ppbV	100
34) MTBE	7.817	73	242350	5.135	ppbV	99
35) vinyl acetate	7.931	43	117166	4.596	ppbV	100
36) 2-butanone	8.186	43	127059	5.115	ppbV	99
37) cis-1,2-dichloroethene	8.683	61	131622	5.066	ppbV	100
38) Ethyl Acetate	8.952	61	24080	5.161	ppbV	67
39) chloroform	9.017	83	241112	5.143	ppbV	100
40) Tetrahydrofuran	9.449	42	59157	5.008	ppbV	99
41) 2,2-dichloropropane	9.042	77	193168	5.056	ppbV	100
42) 1,2-dichloroethane	9.840	62	143131	5.023	ppbV	99
44) hexane	8.936	57	108158	4.781	ppbV	94
45) diisopropyl ether	8.928	87	95781	4.824	ppbV	99
46) tert-butyl ethyl ether	9.531	59	279951	4.845	ppbV	100
48) 1,1,1-trichloroethane	10.126	97	272117	4.810	ppbV	100
49) 1,1-dichloropropene	10.482	75	169626	4.742	ppbV	98
50) benzene	10.642	78	333114	4.836	ppbV	100
51) thiophene	10.783	84	412379	4.825	ppbV	99
52) carbon tetrachloride	10.812	117	298153	4.845	ppbV	99
53) cyclohexane	10.943	56	111045	4.877	ppbV	99
54) tert-amyl methyl ether	11.320	73	295695	4.745	ppbV	99
55) dibromomethane	11.537	93	157543	4.795	ppbV	98
56) 1,2-dichloropropane	11.566	63	104451	4.900	ppbV	98
57) bromodichloromethane	11.792	83	235161	4.804	ppbV	100
58) 1,4-dioxane	11.829	88	70383	4.914	ppbV	98
59) trichloroethene	11.848	130	193650	4.816	ppbV	99
60) 2,2,4-trimethylpentane	11.895	57	349175	4.901	ppbV	100
61) methyl methacrylate	12.084	41	98080	4.804	ppbV	99
62) heptane	12.197	43	103236	4.803	ppbV	99
63) cis-1,3-dichloropropene	12.837	75	179990	4.755	ppbV	99
64) 4-methyl-2-pentanone	12.879	43	159534	4.815	ppbV	99
65) trans-1,3-dichloropropene	13.454	75	143548	4.677	ppbV	99
66) 1,1,2-trichloroethane	13.655	97	163952	4.823	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.980	91	440142	4.992	ppbV	99
70) 2-methylthiophene	14.047	97	609348	5.088	ppbV	100
71) 1,3-dichloropropane	14.005	76	192448	5.066	ppbV	99
72) 2-hexanone	14.263	43	150015	5.032	ppbV	99
73) 3-methylthiophene	14.247	97	636352	5.011	ppbV	99
74) dibromochloromethane	14.430	129	280365	4.897	ppbV	100
75) 1,2-dibromoethane	14.689	107	258667	4.890	ppbV	99
76) butyl acetate	14.931	73	52717	5.019	ppbV	96
77) octane	15.023	85	130858	5.016	ppbV	99
78) tetrachloroethene	15.148	166	268293	4.937	ppbV	98
79) 1,1,1,2-tetrachloroethane	15.760	131	220390	4.822	ppbV	99
80) chlorobenzene	15.778	112	367384	4.940	ppbV	99
81) ethylbenzene	16.109	91	572383	4.970	ppbV	100
82) 2-ethylthiophene	16.143	97	746063	5.036	ppbV	99
83) m+p-xylene	16.265	91	846098	9.946	ppbV	100
84) bromoform	16.326	173	271849	4.778	ppbV	99
85) styrene	16.570	104	337296	4.894	ppbV	100
86) 1,1,2,2-tetrachloroethane	16.657	83	309941	4.930	ppbV	99
87) o-xylene	16.666	91	427361	4.936	ppbV	100
88) 1,2,3-trichloropropane	16.770	75	214496	5.003	ppbV	100
89) nonane	16.849	43	168572	4.957	ppbV	99
91) isopropylbenzene	17.153	105	611866	4.904	ppbV	100
92) bromobenzene	17.223	77	268684	4.972	ppbV	95
93) 2-chlorotoluene	17.536	126	178710	5.067	ppbV	92
94) n-propylbenzene	17.571	120	178873	4.920	ppbV	95
95) 4-chlorotoluene	17.597	126	156885	4.667	ppbV	88
96) 4-ethyl toluene	17.684	105	553334	5.119	ppbV	100
97) 1,3,5-trimethylbenzene	17.745	105	463418	4.716	ppbV	100
98) tert-butylbenzene	18.071	119	578830	4.813	ppbV	100
99) 1,2,4-trimethylbenzene	18.071	105	521528	4.842	ppbV	97
100) decane	18.151	57	219378	4.912	ppbV	98
101) Benzyl Chloride	18.191	91	351123	4.600	ppbV	100
102) 1,3-dichlorobenzene	18.199	146	406389	4.982	ppbV	99
103) 1,4-dichlorobenzene	18.255	146	377575	4.699	ppbV	99
104) sec-butylbenzene	18.287	105	732689	4.965	ppbV	99
105) 1,2,3-trimethylbenzene	18.414	105	544830	4.827	ppbV	99
106) p-isopropyltoluene	18.414	119	710733	4.787	ppbV	100
107) 1,2-dichlorobenzene	18.526	146	380187	4.882	ppbV	99
108) n-butylbenzene	18.750	91	572693	4.867	ppbV	99
109) indan	18.582	117	437639	4.877	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

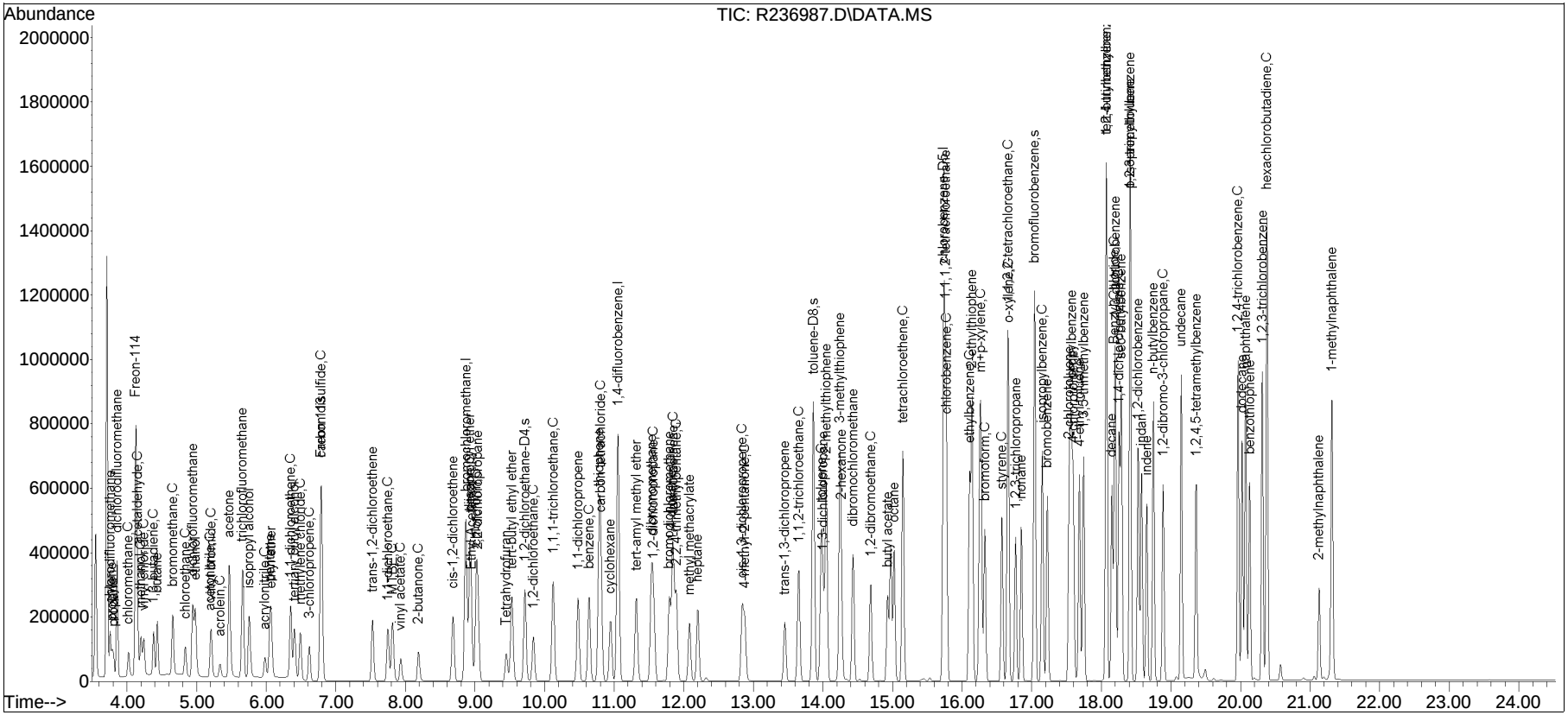
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.654	115	357296	4.806	ppbV	100
111) 1,2-dibromo-3-chloropr...	18.885	75	152014	4.763	ppbV	96
112) undecane	19.149	57	339824	4.640	ppbV	99
113) 1,2,4,5-tetramethylben...	19.364	119	410157	5.086	ppbV	99
114) dodecane	20.022	57	244868	4.748	ppbV	98
115) 1,2,4-trichlorobenzene	19.963	180	354513	4.541	ppbV	100
116) naphthalene	20.074	128	796722	4.689	ppbV	100
117) 1,2,3-trichlorobenzene	20.314	180	352298	4.559	ppbV	99
118) benzothiophene	20.133	134	536350	4.541	ppbV	100
119) hexachlorobutadiene	20.378	225	305868	4.623	ppbV	97
120) 2-methylnaphthalene	21.127	142	174786	3.947	ppbV	99
121) 1-methylnaphthalene	21.314	142	531938	4.166	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

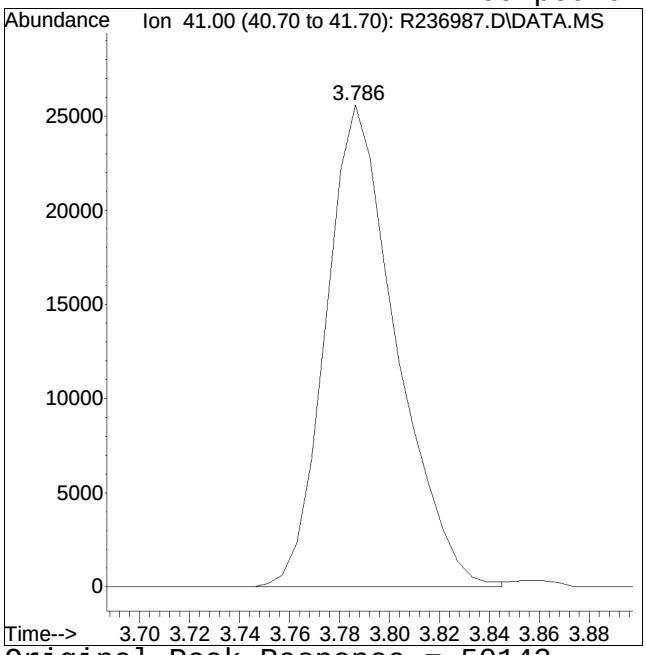
Quant Time: Nov 22 08:49:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration



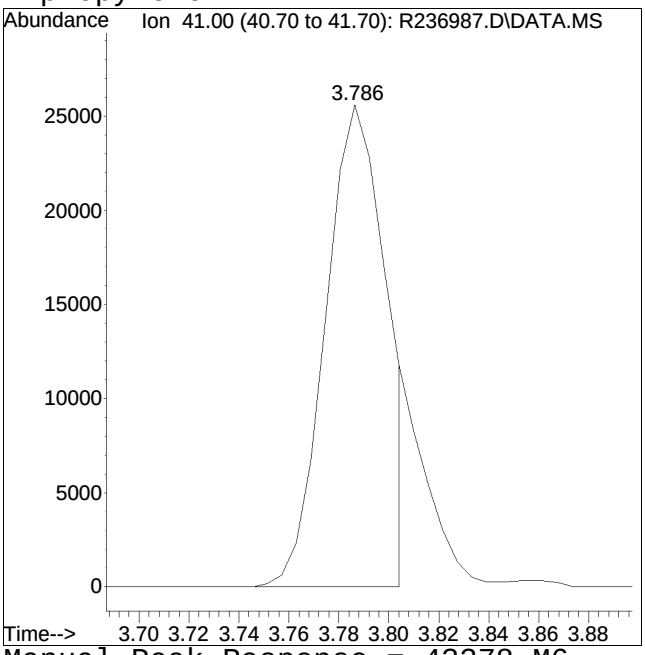
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236987.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 12:33 am Instrument : Airlab 23
Sample : ITO15-SIMSTD5.0 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 50142



Manual Peak Response = 43378 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	215783	10.000	ppbV	# 0.00
Standard Area = 215783			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.060	114	895236	10.000	ppbV	# 0.00
Standard Area = 895236			Recovery = 100.00%			
67) chlorobenzene-D5	15.738	54	128102	10.000	ppbV	# 0.00
Standard Area = 128102			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.721	65	250667	7.885	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 78.85%			
69) toluene-D8	13.866	98	817190	12.180	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.80%			
90) bromofluorobenzene	17.044	95	446976	12.007	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.07%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	208645	9.036	ppbV	93
3) propylene	3.787	41	75308M6	6.616	ppbV	
4) propane	3.804	29	58943	7.703	ppbV	95
5) dichlorodifluoromethane	3.857	85	549450	11.893	ppbV	98
6) chloromethane	4.021	50	154072	10.004	ppbV	100
7) Freon-114	4.126	85	681775	13.454	ppbV	88
8) methanol	4.202	31	200025	44.547	ppbV	98
9) vinyl chloride	4.243	62	205605	11.579	ppbV	99
10) 1,3-butadiene	4.384	54	123963	10.126	ppbV	96
11) butane	4.436	43	246903	10.478	ppbV	99
12) acetaldehyde	4.144	29	302641	50.209	ppbV	99
13) bromomethane	4.659	94	256208	14.492	ppbV	99
14) chloroethane	4.840	64	123939	12.030	ppbV	99
15) ethanol	4.986	31	407783	42.957	ppbV	100
16) dichlorofluoromethane	4.945	67	400434	9.867	ppbV	99
17) vinyl bromide	5.210	106	179468	11.379	ppbV	98
18) acrolein	5.333	56	68379	9.073	ppbV	97
19) acetone	5.467	43	924365	40.966	ppbV	99
20) acetonitrile	5.204	41	99649	7.766	ppbV	98
21) trichlorofluoromethane	5.660	101	594381	12.844	ppbV	99
22) isopropyl alcohol	5.765	45	466162	18.691	ppbV	99
23) acrylonitrile	5.987	53	113926	8.888	ppbV	98
24) pentane	6.057	43	225285	8.386	ppbV #	95

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.075	31	105937	8.021	ppbV		90
26) 1,1-dichloroethene	6.354	61	330253	10.542	ppbV	#	89
27) tertiary butyl alcohol	6.410	59	246779	9.115	ppbV		96
28) methylene chloride	6.493	49	171015	8.801	ppbV	#	79
29) 3-chloropropene	6.622	41	129771	7.564	ppbV	#	82
30) carbon disulfide	6.790	76	443428	9.662	ppbV		100
31) Freon 113	6.790	101	467261	12.321	ppbV		93
32) trans-1,2-dichloroethene	7.531	61	221354	9.085	ppbV	#	80
33) 1,1-dichloroethane	7.753	63	331873	10.013	ppbV		100
34) MTBE	7.812	73	464070	9.962	ppbV		96
35) vinyl acetate	7.937	43	250636	7.162	ppbV	#	91
36) 2-butanone	8.186	43	244253	7.953	ppbV	#	90
37) cis-1,2-dichloroethene	8.686	61	255470	9.897	ppbV	#	78
38) Ethyl Acetate	8.947	61	45874	8.897	ppbV		88
39) chloroform	9.020	83	460901	11.769	ppbV		98
40) Tetrahydrofuran	9.444	42	116136	7.336	ppbV	#	83
41) 2,2-dichloropropane	9.045	77	375656	11.151	ppbV		92
42) 1,2-dichloroethane	9.843	62	280176	10.588	ppbV		98
44) hexane	8.931	57	212211	6.132	ppbV	#	96
45) diisopropyl ether	8.931	87	186260	8.358	ppbV	#	62
46) tert-butyl ethyl ether	9.534	59	542044	6.999	ppbV		92
48) 1,1,1-trichloroethane	10.121	97	530627	8.960	ppbV		92
49) 1,1-dichloropropene	10.485	75	335556	7.845	ppbV		89
50) benzene	10.645	78	646111	7.885	ppbV		94
51) thiophene	10.786	84	801721	11.537	ppbV		92
52) carbon tetrachloride	10.805	117	577226	9.565	ppbV		99
53) cyclohexane	10.947	56	213575	5.964	ppbV	#	87
54) tert-amyl methyl ether	11.314	73	584549	7.670	ppbV		95
55) dibromomethane	11.540	93	308190	8.740	ppbV		90
56) 1,2-dichloropropane	11.569	63	199960	6.953	ppbV		97
57) bromodichloromethane	11.795	83	459138	7.809	ppbV		99
58) 1,4-dioxane	11.833	88	134363	7.712	ppbV	#	82
59) trichloroethene	11.842	130	377182	9.554	ppbV		98
60) 2,2,4-trimethylpentane	11.889	57	668308	6.069	ppbV	#	97
61) methyl methacrylate	12.078	41	191516	6.027	ppbV	#	78
62) heptane	12.200	43	201596	5.446	ppbV	#	89
63) cis-1,3-dichloropropene	12.840	75	355085	7.900	ppbV		94
64) 4-methyl-2-pentanone	12.873	43	310814	6.144	ppbV	#	95
65) trans-1,3-dichloropropene	13.449	75	287906	8.075	ppbV		95
66) 1,1,2-trichloroethane	13.649	97	318861	8.882	ppbV		93

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	13.975	91	860301	11.693	ppbV		100
70)	2-methylthiophene	14.050	97	1168480	17.271	ppbV		98
71)	1,3-dichloropropane	14.008	76	370656	10.381	ppbV		88
72)	2-hexanone	14.267	43	290860	8.256	ppbV	#	94
73)	3-methylthiophene	14.250	97	1238964	17.527	ppbV		99
74)	dibromochloromethane	14.433	129	558608	12.173	ppbV		100
75)	1,2-dibromoethane	14.684	107	516061	12.784	ppbV		100
76)	butyl acetate	14.926	73	102473	10.232	ppbV		80
77)	octane	15.026	85	254555	10.972	ppbV	#	75
78)	tetrachloroethene	15.151	166	530245	13.581	ppbV		94
79)	1,1,1,2-tetrachloroethane	15.764	131	445942	13.170	ppbV		99
80)	chlorobenzene	15.773	112	725611	12.386	ppbV		94
81)	ethylbenzene	16.103	91	1123572	11.834	ppbV		97
82)	2-ethylthiophene	16.147	97	1445441	17.432	ppbV	#	96
83)	m+p-xylene	16.260	91	1659995	23.066	ppbV		98
84)	bromoform	16.330	173	555143	12.295	ppbV		99
85)	styrene	16.574	104	672494	12.339	ppbV		97
86)	1,1,2,2-tetrachloroethane	16.661	83	613450	11.194	ppbV		99
87)	o-xylene	16.661	91	844813	11.618	ppbV		98
88)	1,2,3-trichloropropane	16.765	75	418315	10.033	ppbV		92
89)	nonane	16.852	43	331833	8.051	ppbV	#	94
91)	isopropylbenzene	17.148	105	1217459	11.970	ppbV		99
92)	bromobenzene	17.226	77	527253	10.199	ppbV	#	78
93)	2-chlorotoluene	17.540	126	344153	12.054	ppbV		73
94)	n-propylbenzene	17.566	120	354707	12.095	ppbV		90
95)	4-chlorotoluene	17.601	126	327997	12.310	ppbV		77
96)	4-ethyl toluene	17.688	105	1054577	10.733	ppbV		99
97)	1,3,5-trimethylbenzene	17.749	105	958737	12.178	ppbV		100
98)	tert-butylbenzene	18.074	119	1173368	12.568	ppbV		99
99)	1,2,4-trimethylbenzene	18.074	105	1050984	12.596	ppbV		98
100)	decane	18.154	57	435731	8.511	ppbV	#	96
101)	Benzyl Chloride	18.186	91	744779	10.906	ppbV		98
102)	1,3-dichlorobenzene	18.202	146	795916	12.714	ppbV		93
103)	1,4-dichlorobenzene	18.258	146	783972	13.141	ppbV		93
104)	sec-butylbenzene	18.290	105	1439903	11.657	ppbV		97
105)	1,2,3-trimethylbenzene	18.418	105	1101173	12.078	ppbV		99
106)	p-isopropyltoluene	18.410	119	1448744	12.584	ppbV		99
107)	1,2-dichlorobenzene	18.529	146	759821	12.703	ppbV		95
108)	n-butylbenzene	18.745	91	1148183	11.473	ppbV		97
109)	indan	18.577	117	875578	11.533	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

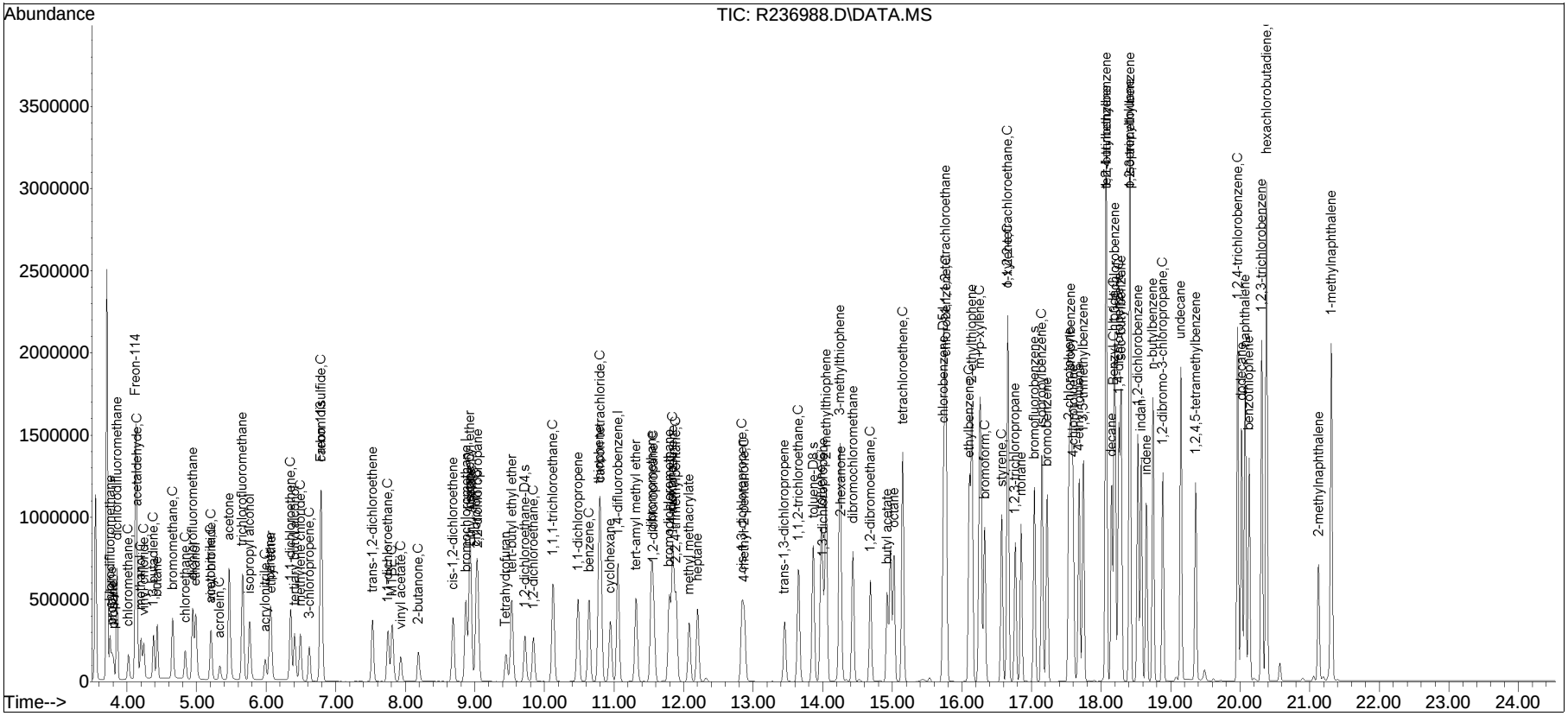
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.649	115	725390	11.748	ppbV		100
111) 1,2-dibromo-3-chloropr...	18.889	75	311388	10.526	ppbV		83
112) undecane	19.144	57	714568	9.772	ppbV	#	97
113) 1,2,4,5-tetramethylben...	19.360	119	786771	19.664	ppbV		98
114) dodecane	20.017	57	503191	8.404	ppbV		100
115) 1,2,4-trichlorobenzene	19.965	180	761631	14.741	ppbV		99
116) naphthalene	20.070	128	1657723	13.491	ppbV		99
117) 1,2,3-trichlorobenzene	20.310	180	753998	15.001	ppbV		99
118) benzothiophene	20.128	134	1152483	15.511	ppbV		97
119) hexachlorobutadiene	20.380	225	645503	14.237	ppbV		98
120) 2-methylnaphthalene	21.128	142	432051	17.754	ppbV		99
121) 1-methylnaphthalene	21.309	142	1245740	35.859	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145605
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 08:40:28 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 15:01:07 2025
Response via : Initial Calibration

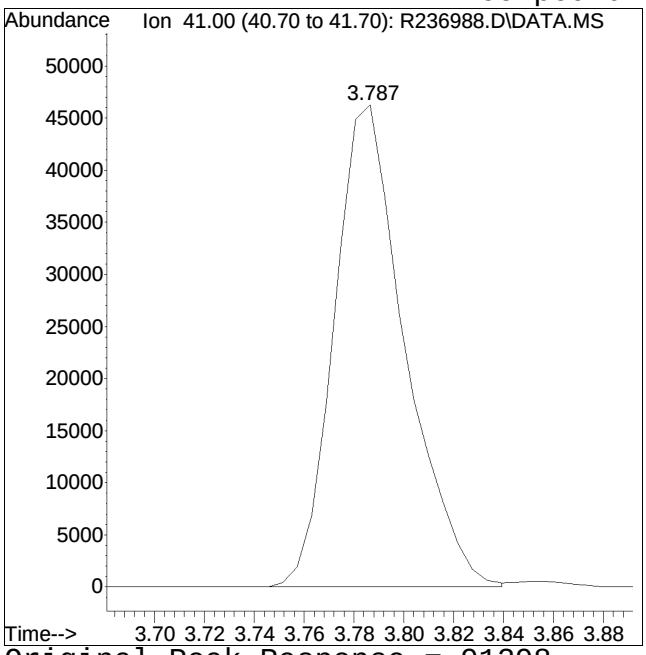


Manual Integration Report

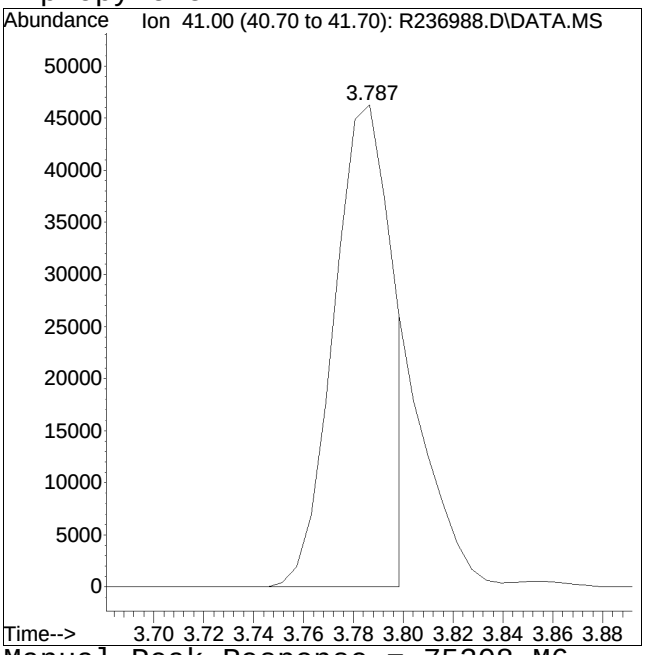
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236988.D
Date Inj'd : 11/22/2025 1:14 am
Sample : ITO15-SIMSTD010

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:40 am

Compound #3: propylene



Original Peak Response = 91298



Manual Peak Response = 75308 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.871	49	217031	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 100.58%			
43) 1,4-difluorobenzene	11.057	114	911195	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 101.78%			
67) chlorobenzene-D5	15.735	54	128743	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 100.50%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.727	65	253688	9.943	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.43%			
69) toluene-D8	13.864	98	838986	10.216	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.16%			
90) bromofluorobenzene	17.041	95	466574	10.386	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.86%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.751	51	412791	19.671	ppbV	100
3) propylene	3.781	41	172446M6	22.767	ppbV	
4) propane	3.804	29	122854	20.723	ppbV	95
5) dichlorodifluoromethane	3.857	85	1116305	20.200	ppbV	100
6) chloromethane	4.021	50	315269	20.345	ppbV	100
7) Freon-114	4.126	85	1356121	19.777	ppbV	98
8) methanol	4.208	31	410498	102.022	ppbV	96
9) vinyl chloride	4.243	62	409900	19.822	ppbV	100
10) 1,3-butadiene	4.384	54	271635	21.787	ppbV	98
11) butane	4.436	43	495943	19.971	ppbV	100
12) acetaldehyde	4.144	29	609719	100.154	ppbV	99
13) bromomethane	4.653	94	513406	19.923	ppbV	100
14) chloroethane	4.840	64	246312	19.759	ppbV	99
15) ethanol	4.998	31	867676	105.778	ppbV	100
16) dichlorofluoromethane	4.945	67	838876	20.829	ppbV	100
17) vinyl bromide	5.210	106	415021	22.992	ppbV	99
18) acrolein	5.333	56	142903	20.778	ppbV	98
19) acetone	5.467	43	2053706	110.449	ppbV	98
20) acetonitrile	5.204	41	240905	24.036	ppbV	100
21) trichlorofluoromethane	5.660	101	1221003	20.424	ppbV	99
22) isopropyl alcohol	5.771	45	1095236	58.399	ppbV	100
23) acrylonitrile	5.993	53	239278	20.882	ppbV	98
24) pentane	6.057	43	467355	20.626	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.069	31	222159	20.850	ppbV	99
26) 1,1-dichloroethene	6.354	61	667080	20.083	ppbV	100
27) tertiary butyl alcohol	6.410	59	447913	18.046	ppbV	99
28) methylene chloride	6.493	49	397239	23.095	ppbV	99
29) 3-chloropropene	6.622	41	292849	22.437	ppbV	98
30) carbon disulfide	6.790	76	990851	22.217	ppbV	100
31) Freon 113	6.790	101	958954	20.405	ppbV	98
32) trans-1,2-dichloroethene	7.531	61	499367	22.430	ppbV	99
33) 1,1-dichloroethane	7.753	63	675870	20.248	ppbV	100
34) MTBE	7.813	73	1024569	21.951	ppbV	99
35) vinyl acetate	7.937	43	626261	24.843	ppbV	99
36) 2-butanone	8.186	43	551189	22.437	ppbV	100
37) cis-1,2-dichloroethene	8.692	61	527961	20.547	ppbV	100
38) Ethyl Acetate	8.953	61	102991	22.322	ppbV	71
39) chloroform	9.026	83	939319	20.263	ppbV	100
40) Tetrahydrofuran	9.450	42	264886	22.677	ppbV	99
41) 2,2-dichloropropane	9.042	77	777863	20.588	ppbV	99
42) 1,2-dichloroethane	9.849	62	577128	20.480	ppbV	99
44) hexane	8.937	57	473820	21.937	ppbV	94
45) diisopropyl ether	8.928	87	386151	20.369	ppbV	97
46) tert-butyl ethyl ether	9.531	59	1108760	20.097	ppbV	100
48) 1,1,1-trichloroethane	10.126	97	1107441	20.505	ppbV	100
49) 1,1-dichloropropene	10.482	75	693779	20.313	ppbV	98
50) benzene	10.643	78	1315347	20.001	ppbV	99
51) thiophene	10.793	84	1233581	15.117	ppbV	97
52) carbon tetrachloride	10.812	117	1211761	20.625	ppbV	99
53) cyclohexane	10.954	56	476739	21.931	ppbV	99
54) tert-amyl methyl ether	11.321	73	1238243	20.812	ppbV	100
55) dibromomethane	11.538	93	649153	20.694	ppbV	99
56) 1,2-dichloropropane	11.576	63	412513	20.268	ppbV	97
57) bromodichloromethane	11.793	83	1036330	22.176	ppbV	100
58) 1,4-dioxane	11.830	88	310143	22.678	ppbV	99
59) trichloroethene	11.849	130	777491	20.252	ppbV	99
60) 2,2,4-trimethylpentane	11.896	57	1472112	21.642	ppbV	100
61) methyl methacrylate	12.085	41	405366	20.795	ppbV	99
62) heptane	12.207	43	450444	21.953	ppbV	99
63) cis-1,3-dichloropropene	12.838	75	754075	20.865	ppbV	99
64) 4-methyl-2-pentanone	12.871	43	686593	21.703	ppbV	100
65) trans-1,3-dichloropropene	13.455	75	612520	20.902	ppbV	99
66) 1,1,2-trichloroethane	13.655	97	661309	20.376	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	13.981	91	1758570	20.340	ppbV	100
70) 2-methylthiophene	14.047	97	1724789	14.687	ppbV	100
71) 1,3-dichloropropane	14.006	76	761850	20.452	ppbV	99
72) 2-hexanone	14.264	43	670860	22.950	ppbV	99
73) 3-methylthiophene	14.248	97	1836674	14.750	ppbV	99
74) dibromochloromethane	14.431	129	1297808	23.117	ppbV	100
75) 1,2-dibromoethane	14.690	107	1072123	20.672	ppbV	99
76) butyl acetate	14.923	73	215613	20.936	ppbV	99
77) octane	15.023	85	525298	20.533	ppbV	99
78) tetrachloroethene	15.149	166	1119598	21.010	ppbV	99
79) 1,1,1,2-tetrachloroethane	15.761	131	977158	21.803	ppbV	100
80) chlorobenzene	15.779	112	1527962	20.953	ppbV	99
81) ethylbenzene	16.109	91	2311267	20.468	ppbV	99
82) 2-ethylthiophene	16.144	97	2141029	14.739	ppbV	99
83) m+p-xylene	16.266	91	3411919	40.903	ppbV	98
84) bromoform	16.327	173	1372506	24.600	ppbV	99
85) styrene	16.571	104	1422614	21.049	ppbV	99
86) 1,1,2,2-tetrachloroethane	16.658	83	1278669	20.740	ppbV	100
87) o-xylene	16.667	91	1760286	20.733	ppbV	99
88) 1,2,3-trichloropropane	16.771	75	874607	20.804	ppbV	98
89) nonane	16.849	43	710198	21.296	ppbV	99
91) isopropylbenzene	17.154	105	2590662	21.173	ppbV	98
92) bromobenzene	17.224	77	1116325	21.067	ppbV	98
93) 2-chlorotoluene	17.546	126	775393	22.418	ppbV	88
94) n-propylbenzene	17.572	120	767313	21.525	ppbV	91
95) 4-chlorotoluene	17.598	126	698221	21.181	ppbV	95
96) 4-ethyl toluene	17.685	105	2469771	23.303	ppbV	99
97) 1,3,5-trimethylbenzene	17.746	105	1974050	20.488	ppbV	98
98) tert-butylbenzene	18.072	119	2552827	21.648	ppbV	99
99) 1,2,4-trimethylbenzene	18.080	105	2244686	21.252	ppbV	99
100) decane	18.152	57	949785	21.689	ppbV	99
101) Benzyl Chloride	18.192	91	1775509	23.721	ppbV	97
102) 1,3-dichlorobenzene	18.200	146	1768558	22.110	ppbV	100
103) 1,4-dichlorobenzene	18.255	146	1686557	21.406	ppbV	100
104) sec-butylbenzene	18.287	105	3054049	21.104	ppbV	98
105) 1,2,3-trimethylbenzene	18.415	105	2388432	21.582	ppbV	99
106) p-isopropyltoluene	18.415	119	3151916	21.648	ppbV	98
107) 1,2-dichlorobenzene	18.535	146	1665276	21.808	ppbV	99
108) n-butylbenzene	18.750	91	2402865	20.823	ppbV	96
109) indan	18.583	117	1957670	22.247	ppbV	100

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

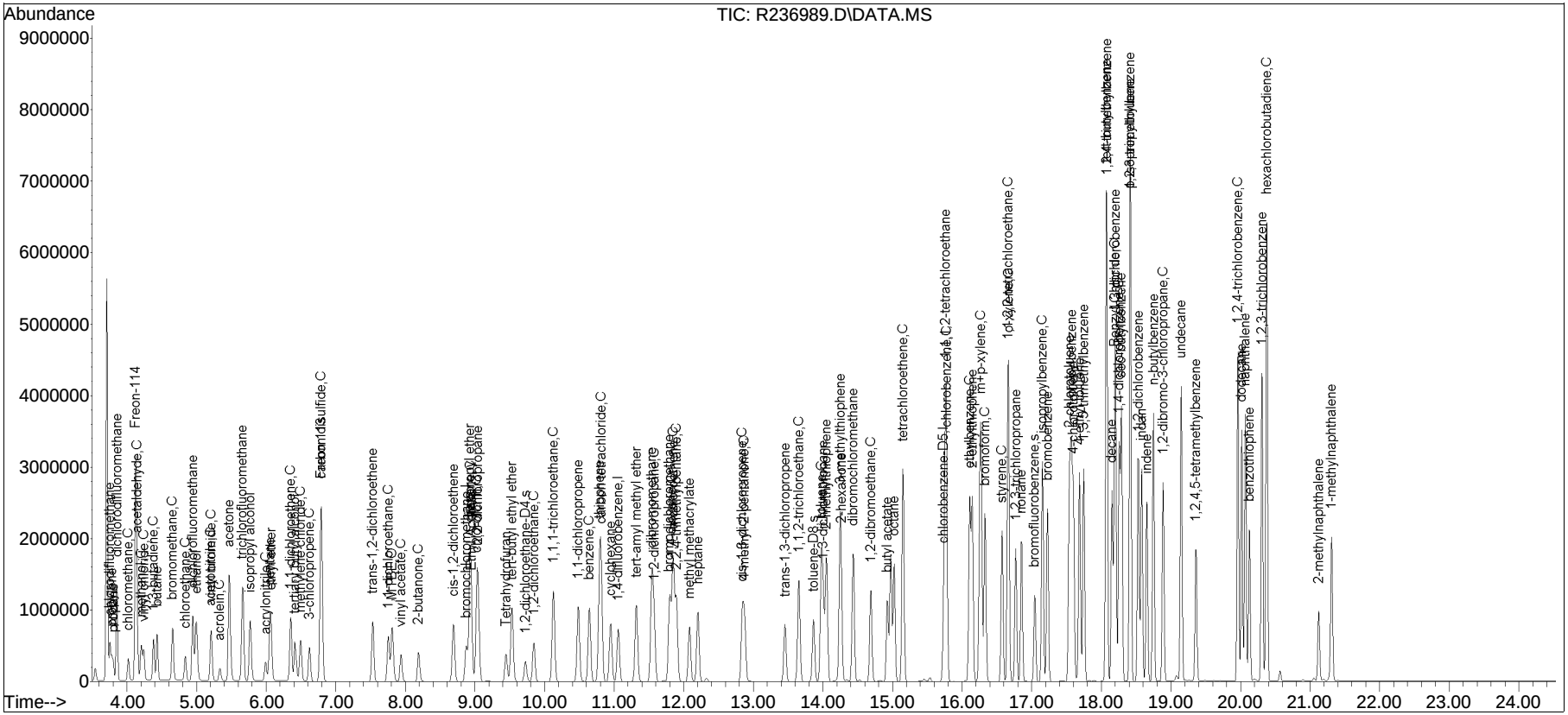
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.655	115	1620428	22.227	ppbV	100
111) 1,2-dibromo-3-chloropr...	18.886	75	674057	21.539	ppbV	99
112) undecane	19.149	57	1572216	21.893	ppbV	97
113) 1,2,4,5-tetramethylben...	19.357	119	1233183	15.596	ppbV	100
114) dodecane	20.017	57	1075186	21.261	ppbV	98
115) 1,2,4-trichlorobenzene	19.964	180	1668354	21.796	ppbV	99
116) naphthalene	20.069	128	3324019	19.952	ppbV	100
117) 1,2,3-trichlorobenzene	20.309	180	1586715	20.939	ppbV	99
118) benzothiophene	20.128	134	1835168	15.844	ppbV	99
119) hexachlorobutadiene	20.379	225	1403991	21.642	ppbV	98
120) 2-methylnaphthalene	21.122	142	595090	13.705	ppbV	99
121) 1-methylnaphthalene	21.309	142	1232420	9.844	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

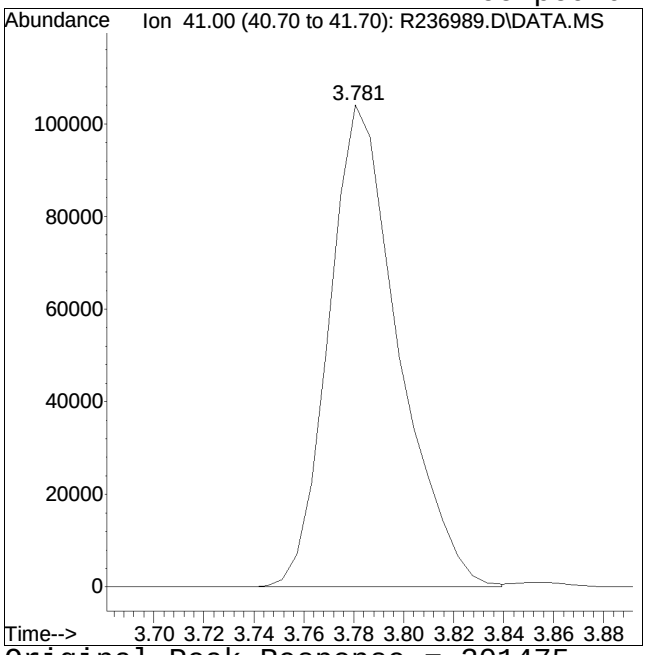
Quant Time: Nov 22 08:49:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration



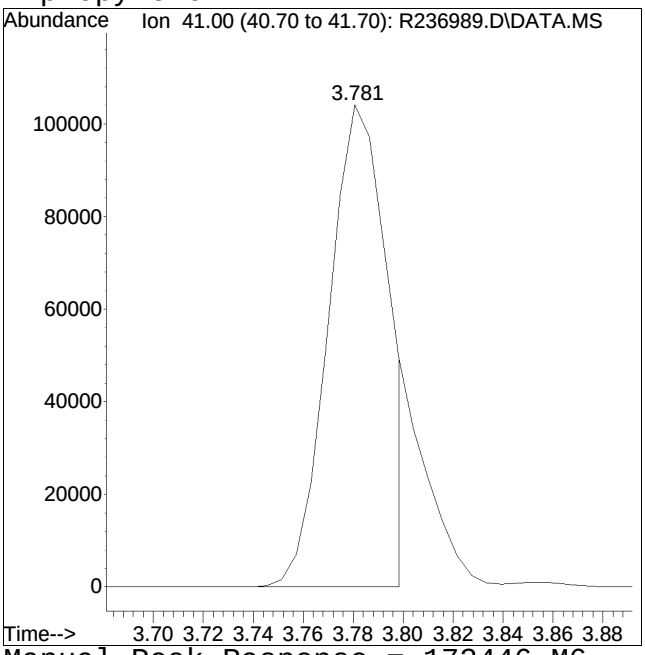
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236989.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 1:52 am Instrument : Airlab 23
Sample : ITO15-SIMSTD020 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 201475



Manual Peak Response = 172446 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.882	49	217434	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 100.77%			
43) 1,4-difluorobenzene	11.060	114	898107	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 100.32%			
67) chlorobenzene-D5	15.738	54	136363	10.000	ppbV	# 0.00
Standard Area = 128102			Recovery = 106.45%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.730	65	251071	9.984	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.84%			
69) toluene-D8	13.866	98	818323	9.407	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.07%			
90) bromofluorobenzene	17.044	95	486287	10.220	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.20%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.757	51	990929M4	47.133	ppbV	
3) propylene	3.781	41	407030M6	53.638	ppbV	
4) propane	3.804	29	298931	50.330	ppbV	95
5) dichlorodifluoromethane	3.857	85	2628510	47.476	ppbV	100
6) chloromethane	4.021	50	749410	48.271	ppbV	100
7) Freon-114	4.126	85	3155044	45.926	ppbV	100
8) methanol	4.214	31	997034	247.335	ppbV	92
9) vinyl chloride	4.243	62	958198	46.250	ppbV	100
10) 1,3-butadiene	4.383	54	640333	51.263	ppbV	99
11) butane	4.436	43	1158923	46.582	ppbV	100
12) acetaldehyde	4.143	29	1336787	219.177	ppbV	91
13) bromomethane	4.659	94	1191890	46.167	ppbV	100
14) chloroethane	4.840	64	576237	46.141	ppbV	100
15) ethanol	5.010	31	2079175	253.001	ppbV	98
16) dichlorofluoromethane	4.951	67	2079104	51.527	ppbV	100
17) vinyl bromide	5.216	106	1029207	56.912	ppbV	99
18) acrolein	5.338	56	353561	51.313	ppbV	97
19) acetone	5.479	43	5075193	272.439	ppbV	99
20) acetonitrile	5.216	41	525993	52.384	ppbV	97
21) trichlorofluoromethane	5.666	101	2950397	49.261	ppbV	99
22) isopropyl alcohol	5.788	45	2722716	144.909	ppbV	100
23) acrylonitrile	5.999	53	612904	53.390	ppbV	98
24) pentane	6.057	43	1168973	51.495	ppbV	98

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.075	31	565786	53.002	ppbV	95
26) 1,1-dichloroethene	6.359	61	1593720	47.891	ppbV	100
27) tertiary butyl alcohol	6.438	59	1127361	45.336	ppbV	100
28) methylene chloride	6.499	49	963210	55.895	ppbV	98
29) 3-chloropropene	6.628	41	719683	55.037	ppbV	97
30) carbon disulfide	6.796	76	2419691	54.154	ppbV	99
31) Freon 113	6.796	101	2346987	49.847	ppbV	96
32) trans-1,2-dichloroethene	7.536	61	1203663	53.964	ppbV	99
33) 1,1-dichloroethane	7.764	63	1612755	48.227	ppbV	99
34) MTBE	7.812	73	2448767	52.367	ppbV	99
35) vinyl acetate	7.943	43	1645572	65.157	ppbV	100
36) 2-butanone	8.197	43	1350337	54.865	ppbV	99
37) cis-1,2-dichloroethene	8.695	61	1272823	49.444	ppbV	98
38) Ethyl Acetate	8.955	61	260699	56.398	ppbV	80
39) chloroform	9.037	83	2294987	49.415	ppbV	99
40) Tetrahydrofuran	9.444	42	654204	55.903	ppbV	98
41) 2,2-dichloropropane	9.053	77	1937764	51.192	ppbV	98
42) 1,2-dichloroethane	9.852	62	1411199	49.986	ppbV	100
44) hexane	8.939	57	1211657	56.914	ppbV	97
45) diisopropyl ether	8.931	87	954169	51.064	ppbV	92
46) tert-butyl ethyl ether	9.534	59	2688054	49.433	ppbV	100
48) 1,1,1-trichloroethane	10.129	97	2681173	50.367	ppbV	99
49) 1,1-dichloropropene	10.485	75	1658004	49.253	ppbV	96
50) benzene	10.645	78	3120196	48.138	ppbV	98
51) thiophene	10.796	84	3005126	37.364	ppbV	100
52) carbon tetrachloride	10.815	117	3016534	52.092	ppbV	99
53) cyclohexane	10.956	56	1163399	54.298	ppbV	99
54) tert-amyl methyl ether	11.324	73	3020101	51.500	ppbV	98
55) dibromomethane	11.550	93	1580663	51.125	ppbV	95
56) 1,2-dichloropropane	11.578	63	998257	49.763	ppbV	99
57) bromodichloromethane	11.805	83	2544577	55.244	ppbV	99
58) 1,4-dioxane	11.833	88	758248	56.252	ppbV	98
59) trichloroethene	11.852	130	1933466	51.097	ppbV	99
60) 2,2,4-trimethylpentane	11.899	57	3603375	53.746	ppbV	99
61) methyl methacrylate	12.087	41	1025212	53.360	ppbV	97
62) heptane	12.210	43	1147069	56.718	ppbV	98
63) cis-1,3-dichloropropene	12.849	75	1841534	51.696	ppbV	95
64) 4-methyl-2-pentanone	12.874	43	1692329	54.274	ppbV	99
65) trans-1,3-dichloropropene	13.458	75	1507521	52.194	ppbV	98
66) 1,1,2-trichloroethane	13.658	97	1576521	49.284	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	13.983	91	4233225	46.225	ppbV	99
70)	2-methylthiophene	14.058	97	4157209	33.423	ppbV	99
71)	1,3-dichloropropane	14.008	76	1842600	46.700	ppbV	95
72)	2-hexanone	14.267	43	1765151	57.011	ppbV	97
73)	3-methylthiophene	14.250	97	4525485	34.314	ppbV	98
74)	dibromochloromethane	14.442	129	3273214	55.046	ppbV	99
75)	1,2-dibromoethane	14.692	107	2647152	48.188	ppbV	99
76)	butyl acetate	14.926	73	528411	48.442	ppbV	97
77)	octane	15.026	85	1305321	48.172	ppbV	94
78)	tetrachloroethene	15.151	166	2866787	50.790	ppbV	99
79)	1,1,1,2-tetrachloroethane	15.764	131	2521427	53.116	ppbV	99
80)	chlorobenzene	15.782	112	3817756	49.427	ppbV	99
81)	ethylbenzene	16.112	91	5626064	47.040	ppbV	97
82)	2-ethylthiophene	16.147	97	5287160	34.362	ppbV	98
83)	m+p-xylene	16.269	91	8668866	98.117	ppbV	98
84)	bromoform	16.330	173	3650021	61.766	ppbV	99
85)	styrene	16.574	104	3530537	49.319	ppbV	98
86)	1,1,2,2-tetrachloroethane	16.661	83	3268541	50.053	ppbV	99
87)	o-xylene	16.669	91	4508670	50.136	ppbV	98
88)	1,2,3-trichloropropane	16.774	75	2216663	49.780	ppbV	98
89)	nonane	16.852	43	1955025	55.347	ppbV	98
91)	isopropylbenzene	17.157	105	6382717	49.250	ppbV	96
92)	bromobenzene	17.227	77	2886135	51.423	ppbV	97
93)	2-chlorotoluene	17.540	126	1925424	52.557	ppbV	83
94)	n-propylbenzene	17.566	120	1967433	52.106	ppbV	86
95)	4-chlorotoluene	17.601	126	1853570	53.088	ppbV	94
96)	4-ethyl toluene	17.688	105	6024733	53.668	ppbV	97
97)	1,3,5-trimethylbenzene	17.749	105	5130741	50.274	ppbV	96
98)	tert-butylbenzene	18.074	119	6387296	51.138	ppbV	97
99)	1,2,4-trimethylbenzene	18.074	105	5780446	51.668	ppbV	95
100)	decane	18.154	57	2653365	57.206	ppbV	99
101)	Benzyl Chloride	18.194	91	4918856	62.043	ppbV	95
102)	1,3-dichlorobenzene	18.202	146	4703881	55.520	ppbV	96
103)	1,4-dichlorobenzene	18.258	146	4411558	52.863	ppbV	97
104)	sec-butylbenzene	18.290	105	7628029	49.767	ppbV	95
105)	1,2,3-trimethylbenzene	18.417	105	6182777	52.746	ppbV	99
106)	p-isopropyltoluene	18.417	119	7843217	50.858	ppbV	95
107)	1,2-dichlorobenzene	18.529	146	4415578	54.593	ppbV	98
108)	n-butylbenzene	18.753	91	6097473	49.888	ppbV	92
109)	indan	18.585	117	4949533	53.104	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

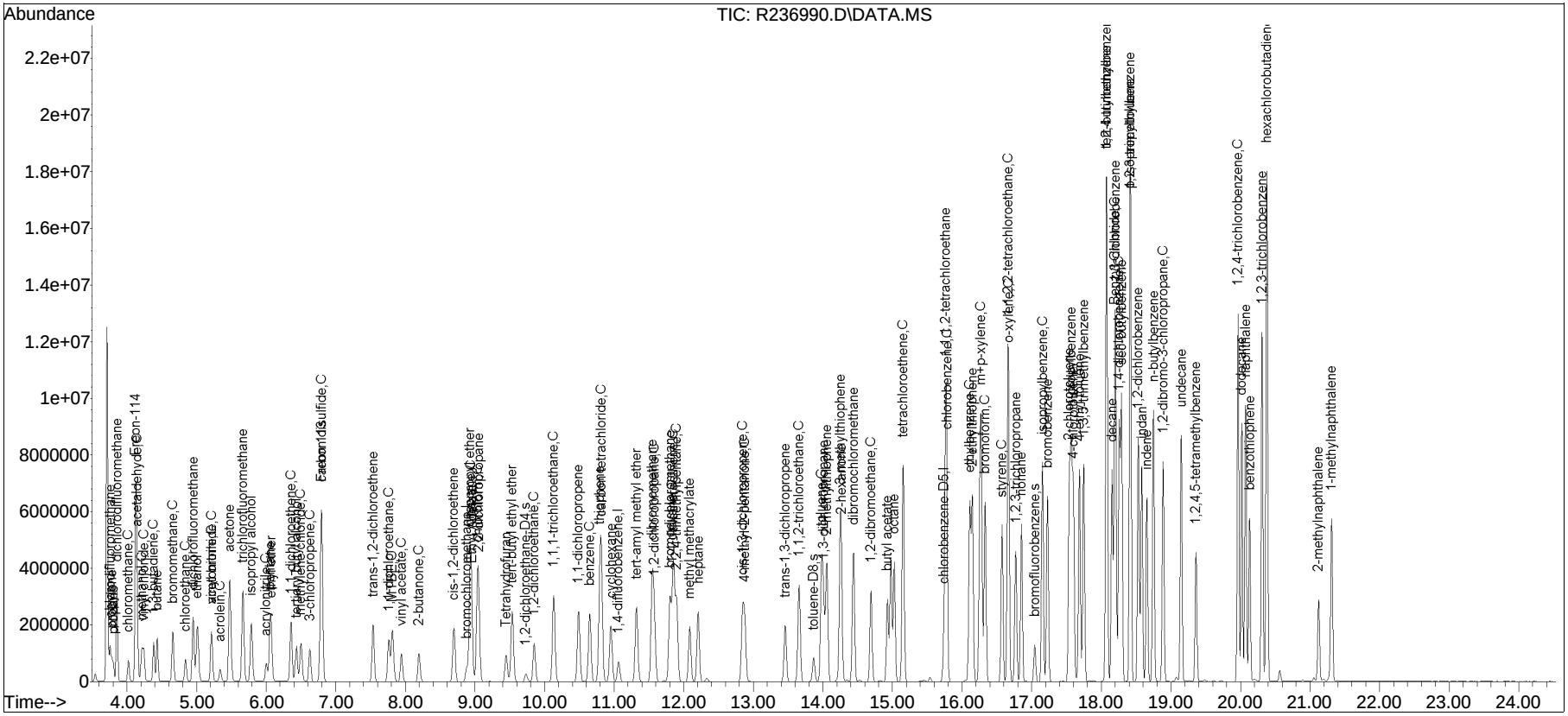
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	18.657	115	4135495	53.557	ppbV	99
111) 1,2-dibromo-3-chloropr...	18.888	75	1874855	56.562	ppbV	100
112) undecane	19.152	57	3423600	45.009	ppbV	96
113) 1,2,4,5-tetramethylben...	19.359	119	3012947	35.975	ppbV	99
114) dodecane	20.017	57	2814940	52.553	ppbV	100
115) 1,2,4-trichlorobenzene	19.964	180	4649357	57.347	ppbV	99
116) naphthalene	20.075	128	8425284	47.745	ppbV	97
117) 1,2,3-trichlorobenzene	20.309	180	4463581	55.613	ppbV	99
118) benzothiophene	20.134	134	4986480	40.646	ppbV	100
119) hexachlorobutadiene	20.379	225	3963566	57.683	ppbV	97
120) 2-methylnaphthalene	21.122	142	1751330	38.080	ppbV	99
121) 1-methylnaphthalene	21.309	142	3471320	26.177	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:27 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

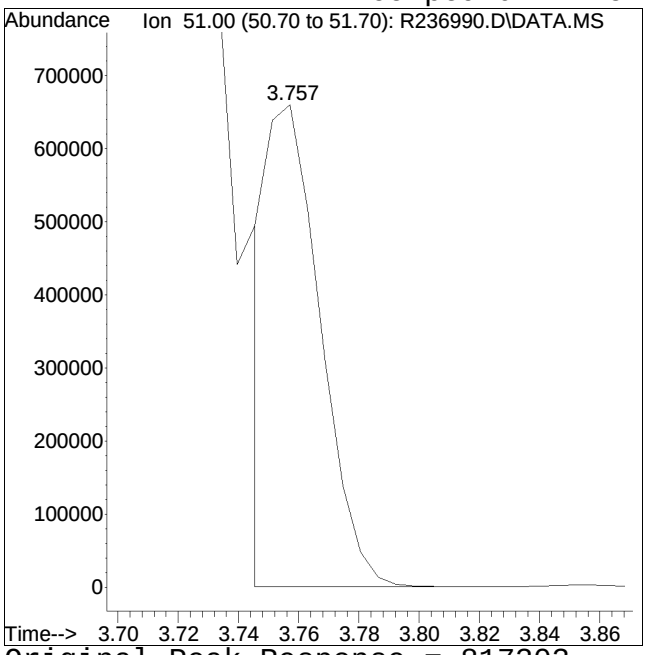


Manual Integration Report

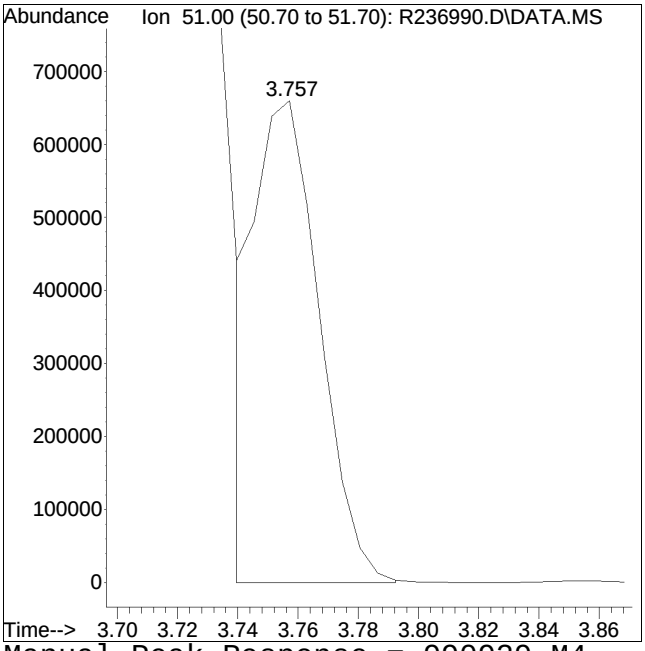
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Data File : R236990.D
Date Inj'd : 11/22/2025 2:30 am
Sample : ITO15-SIMSTD050

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 8:49 am

Compound #2: chlorodifluoromethane



Original Peak Response = 817303



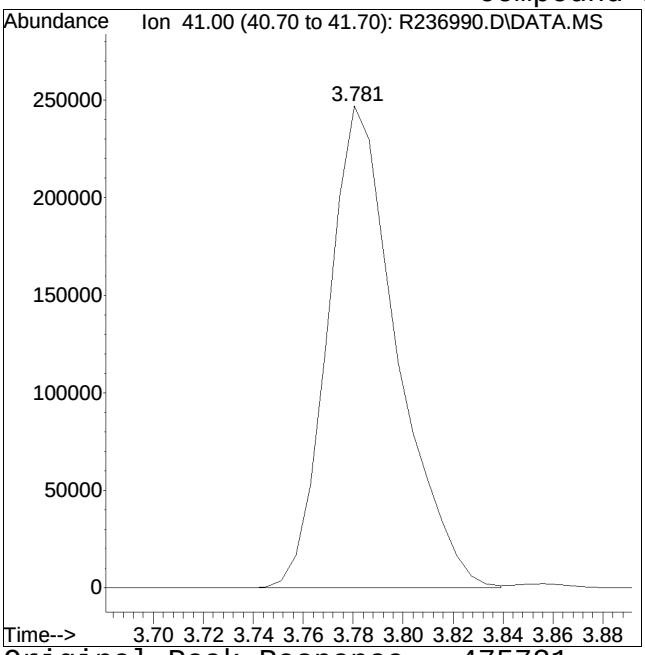
Manual Peak Response = 990929 M4

M4 = Poor automated baseline construction.

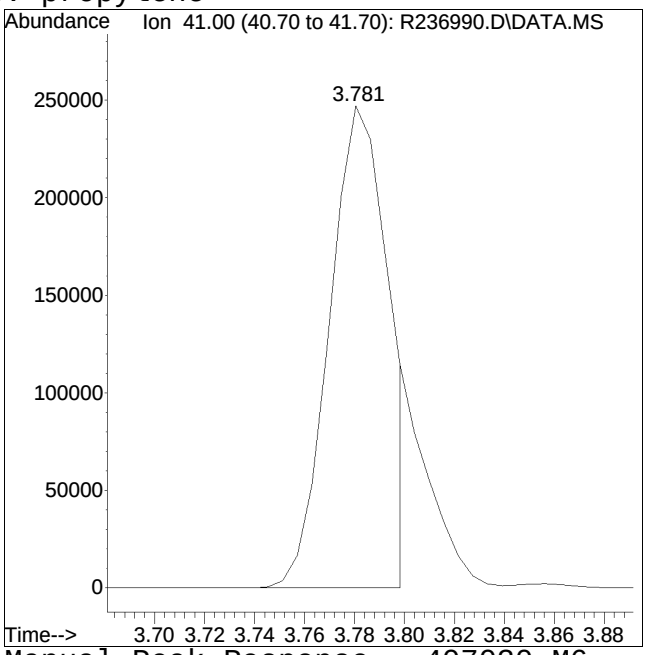
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236990.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 2:30 am Instrument : Airlab 23
Sample : ITO15-SIMSTD050 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 475721



Manual Peak Response = 407030 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.888	49	228284	10.000	ppbV	0.01
Standard Area = 215783			Recovery = 105.79%			
43) 1,4-difluorobenzene	11.067	114	937277	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 104.70%			
67) chlorobenzene-D5	15.744	54	140212	10.000	ppbV	# 0.00
Standard Area = 128102			Recovery = 109.45%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.743	65	253736	9.668	ppbV	0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.68%			
69) toluene-D8	13.872	98	827849	9.255	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.55%			
90) bromofluorobenzene	17.050	95	492876	10.075	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.75%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.758	51	1879351M3	85.142	ppbV	
3) propylene	3.787	41	882962M6	110.826	ppbV	
4) propane	3.810	29	626632	100.490	ppbV	# 90
5) dichlorodifluoromethane	3.857	85	5242523	90.189	ppbV	99
6) chloromethane	4.027	50	1477729	90.659	ppbV	100
7) Freon-114	4.132	85	5768663	79.979	ppbV	99
8) methanol	4.226	31	1973751	466.358	ppbV	88
9) vinyl chloride	4.249	62	1887803	86.789	ppbV	99
10) 1,3-butadiene	4.390	54	1250529	95.355	ppbV	97
11) butane	4.436	43	2244570	85.931	ppbV	99
12) acetaldehyde	4.156	29	2357193	368.111	ppbV	# 82
13) bromomethane	4.665	94	2237355	82.544	ppbV	99
14) chloroethane	4.846	64	1100823	83.956	ppbV	100
15) ethanol	5.034	31	4396943	509.605	ppbV	98
16) dichlorofluoromethane	4.957	67	4631450	109.327	ppbV	99
17) vinyl bromide	5.222	106	2062598	108.635	ppbV	99
18) acrolein	5.350	56	715400	98.894	ppbV	97
19) acetone	5.491	43	10265875	524.885	ppbV	96
20) acetonitrile	5.228	41	1077303	102.190	ppbV	97
21) trichlorofluoromethane	5.672	101	5907741	93.950	ppbV	98
22) isopropyl alcohol	5.806	45	5649578	286.392	ppbV	100
23) acrylonitrile	6.017	53	1316057	109.193	ppbV	99
24) pentane	6.063	43	2467142	103.515	ppbV	97

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.081	31	1294425	115.497	ppbV		93
26) 1,1-dichloroethene	6.363	61	3302575	94.525	ppbV		98
27) tertiary butyl alcohol	6.448	59	4044052	154.900	ppbV		98
28) methylene chloride	6.510	49	1695574	93.718	ppbV		95
29) 3-chloropropene	6.633	41	1495556	108.935	ppbV		94
30) carbon disulfide	6.802	76	4977086	106.095	ppbV		98
31) Freon 113	6.802	101	4764387	96.381	ppbV		93
32) trans-1,2-dichloroethene	7.542	61	2415762	103.159	ppbV		97
33) 1,1-dichloroethane	7.769	63	3228778	91.962	ppbV		99
34) MTBE	7.818	73	4882922	99.458	ppbV		97
35) vinyl acetate	7.953	43	3473009	130.980	ppbV		99
36) 2-butanone	8.208	43	2748768	106.375	ppbV		98
37) cis-1,2-dichloroethene	8.708	61	2547299	94.250	ppbV		97
38) Ethyl Acetate	8.969	61	531614	109.540	ppbV	#	54
39) chloroform	9.051	83	4684564	96.073	ppbV		97
40) Tetrahydrofuran	9.458	42	1343101	109.316	ppbV		96
41) 2,2-dichloropropane	9.059	77	4067259	102.342	ppbV		98
42) 1,2-dichloroethane	9.857	62	2861729	96.547	ppbV		99
44) hexane	8.945	57	2532559	113.989	ppbV		82
45) diisopropyl ether	8.945	87	1946085	99.796	ppbV		89
46) tert-butyl ethyl ether	9.540	59	5495382	96.835	ppbV		99
48) 1,1,1-trichloroethane	10.135	97	6094795	109.708	ppbV		97
49) 1,1-dichloropropene	10.492	75	3329314	94.767	ppbV		95
50) benzene	10.652	78	6069938	89.732	ppbV		96
51) thiophene	10.803	84	6078773	72.421	ppbV		98
52) carbon tetrachloride	10.822	117	6216151	102.860	ppbV		100
53) cyclohexane	10.954	56	2395350	107.124	ppbV		96
54) tert-amyl methyl ether	11.331	73	6138696	100.306	ppbV		97
55) dibromomethane	11.557	93	3203145	99.272	ppbV		95
56) 1,2-dichloropropane	11.585	63	2052382	98.036	ppbV		99
57) bromodichloromethane	11.811	83	5114198	106.391	ppbV		98
58) 1,4-dioxane	11.840	88	1565587	111.293	ppbV		95
59) trichloroethene	11.859	130	3963011	100.356	ppbV		99
60) 2,2,4-trimethylpentane	11.906	57	7531585	107.641	ppbV		98
61) methyl methacrylate	12.094	41	2203683	109.904	ppbV		92
62) heptane	12.207	43	2448685	116.017	ppbV		95
63) cis-1,3-dichloropropene	12.846	75	3700353	99.536	ppbV		95
64) 4-methyl-2-pentanone	12.888	43	3499301	107.535	ppbV		99
65) trans-1,3-dichloropropene	13.463	75	3017563	100.109	ppbV		96
66) 1,1,2-trichloroethane	13.664	97	3090008	92.561	ppbV		98

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	13.989	91	8245022	87.561	ppbV		97
70) 2-methylthiophene	14.064	97	8275800	64.708	ppbV		98
71) 1,3-dichloropropane	14.022	76	3797871	93.614	ppbV		93
72) 2-hexanone	14.273	43	3577480	112.374	ppbV		99
73) 3-methylthiophene	14.256	97	8881622	65.494	ppbV		97
74) dibromochloromethane	14.439	129	6562951	107.340	ppbV		98
75) 1,2-dibromoethane	14.698	107	5230871	92.607	ppbV		99
76) butyl acetate	14.932	73	1085210	96.755	ppbV		98
77) octane	15.032	85	2723336	97.744	ppbV		94
78) tetrachloroethene	15.157	166	5655407	97.445	ppbV		97
79) 1,1,1,2-tetrachloroethane	15.770	131	4755037	97.420	ppbV		99
80) chlorobenzene	15.779	112	7331668	92.314	ppbV		95
81) ethylbenzene	16.118	91	10963352	89.148	ppbV		95
82) 2-ethylthiophene	16.153	97	10272439	64.930	ppbV		96
83) m+p-xylene	16.275	91	16894750	185.971	ppbV		96
84) bromoform	16.336	173	7014951	115.449	ppbV		97
85) styrene	16.580	104	6971385	94.711	ppbV		96
86) 1,1,2,2-tetrachloroethane	16.667	83	5861858	87.303	ppbV		99
87) o-xylene	16.667	91	8125939	87.879	ppbV		98
88) 1,2,3-trichloropropane	16.771	75	4647725	101.510	ppbV		100
89) nonane	16.858	43	3982051	109.637	ppbV		99
91) isopropylbenzene	17.154	105	12070943	90.585	ppbV		92
92) bromobenzene	17.232	77	5948834	103.082	ppbV		99
93) 2-chlorotoluene	17.546	126	3930468	104.343	ppbV		87
94) n-propylbenzene	17.572	120	3989117	102.749	ppbV		69
95) 4-chlorotoluene	17.607	126	3755319	104.604	ppbV		89
96) 4-ethyl toluene	17.685	105	11746163	101.763	ppbV		93
97) 1,3,5-trimethylbenzene	17.746	105	10000909	95.304	ppbV		95
98) tert-butylbenzene	18.080	119	9960997	77.560	ppbV		96
99) 1,2,4-trimethylbenzene	18.080	105	8996882	78.211	ppbV		95
100) decane	18.160	57	5281239	110.736	ppbV		96
101) Benzyl Chloride	18.200	91	9220643	113.111	ppbV		94
102) 1,3-dichlorobenzene	18.208	146	8447651	96.970	ppbV		92
103) 1,4-dichlorobenzene	18.263	146	8330134	97.078	ppbV		93
104) sec-butylbenzene	18.295	105	13996959	88.812	ppbV	#	90
105) 1,2,3-trimethylbenzene	18.423	105	9279830	76.994	ppbV		99
106) p-isopropyltoluene	18.423	119	11350354	71.579	ppbV		94
107) 1,2-dichlorobenzene	18.535	146	8505620	102.274	ppbV		93
108) n-butylbenzene	18.750	91	11289673	89.834	ppbV		89
109) indan	18.583	117	9593004	100.099	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On : 22 Nov 2025 03:11 am
Operator : AIRLAB23:BJB
Sample : ITO15-LLSTD100
Misc : WG2145605
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default - All compounds listed

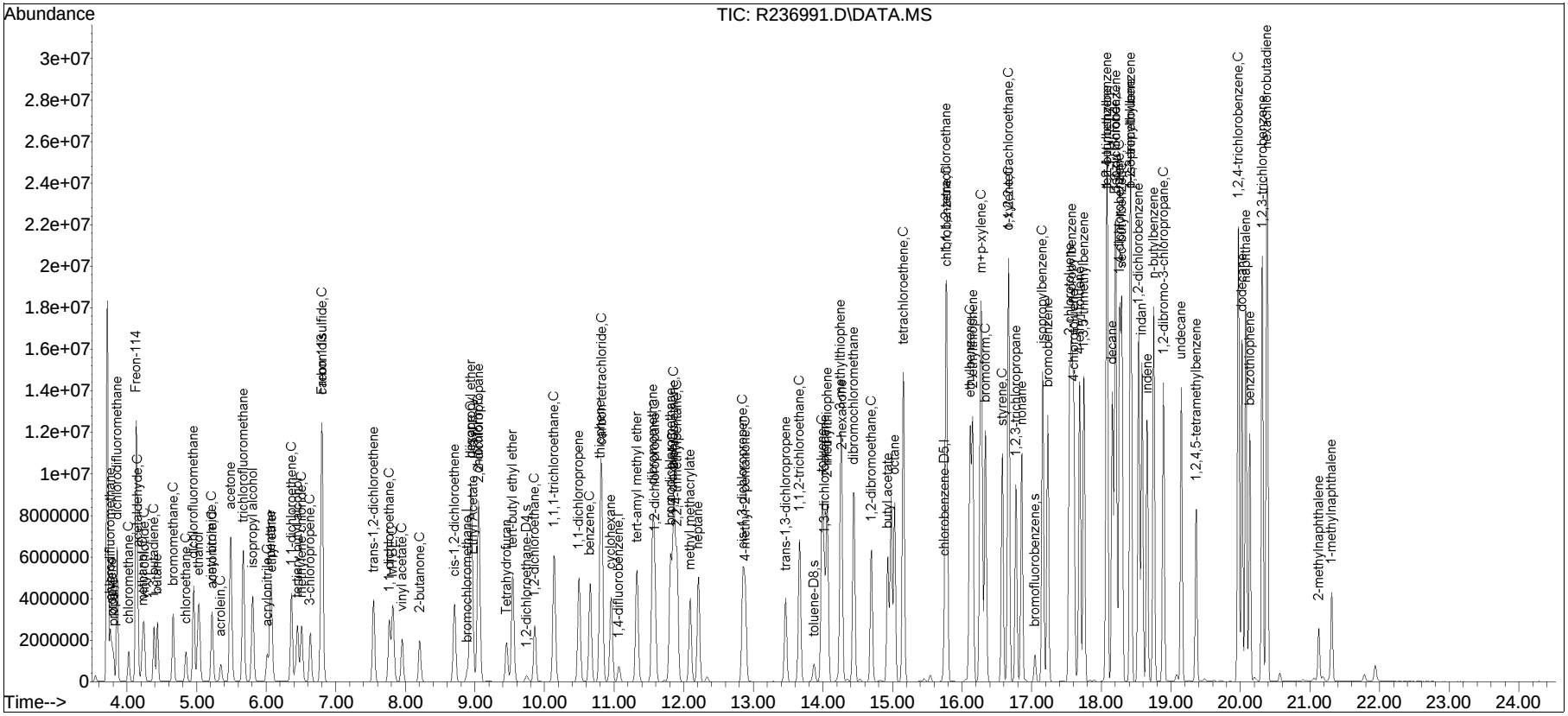
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	18.663	115	8078628	101.751	ppbV		97
111) 1,2-dibromo-3-chloropr...	18.894	75	3847270	112.881	ppbV	#	90
112) undecane	19.149	57	5648798	72.224	ppbV		94
113) 1,2,4,5-tetramethylben...	19.365	119	5558183	64.544	ppbV		99
114) dodecane	20.023	57	5363565	97.385	ppbV		93
115) 1,2,4-trichlorobenzene	19.970	180	8371402	100.421	ppbV		95
116) naphthalene	20.075	128	15438162	85.085	ppbV	#	92
117) 1,2,3-trichlorobenzene	20.315	180	7753742	93.953	ppbV		95
118) benzothiophene	20.134	134	9685936	76.785	ppbV		97
119) hexachlorobutadiene	20.379	225	6138771	86.887	ppbV		98
120) 2-methylnaphthalene	21.127	142	1580412	33.420	ppbV		99
121) 1-methylnaphthalene	21.309	142	2591846	19.009	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Sub List     : Default - All compounds listed1\1121T_I\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236991.D
Acq On    : 22 Nov 2025  03:11 am
Operator  : AIRLAB23:BJB
Sample    : ITO15-LLSTD100
Misc      : WG2145605
ALS Vial  : 8   Sample Multiplier: 1

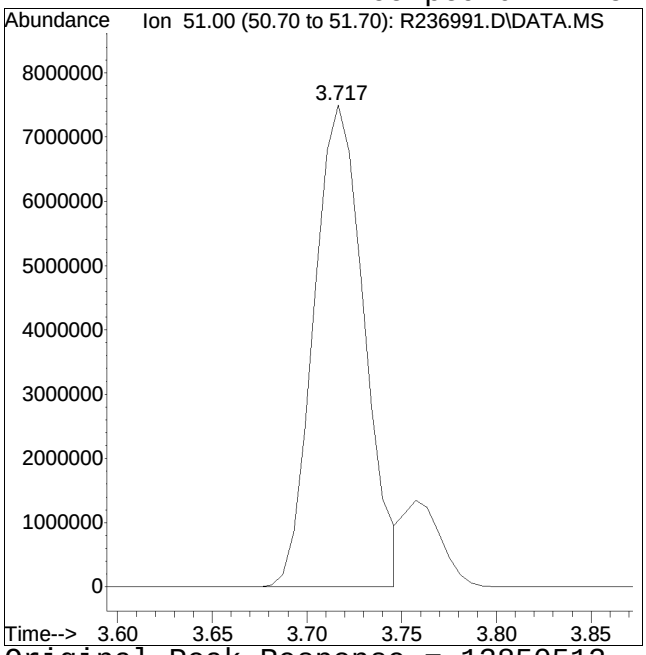
Quant Time: Nov 22 08:49:35 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title  : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 08:42:57 2025
Response via : Initial Calibration
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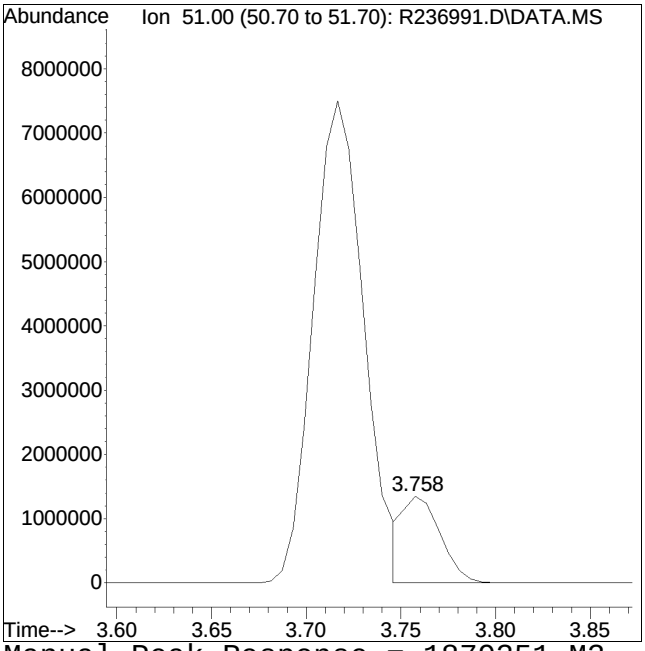


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236991.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 3:11 am Instrument : Airlab 23
Sample : ITO15-LLSTD100 Quant Date : 11/22/2025 8:49 am

Compound #2: chlorodifluoromethane





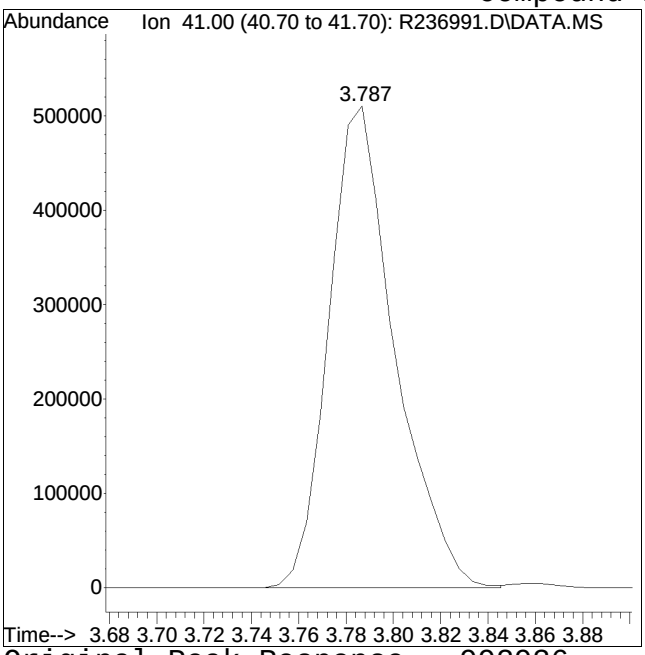
Original Peak Response = 13850512 Manual Peak Response = 1879351 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

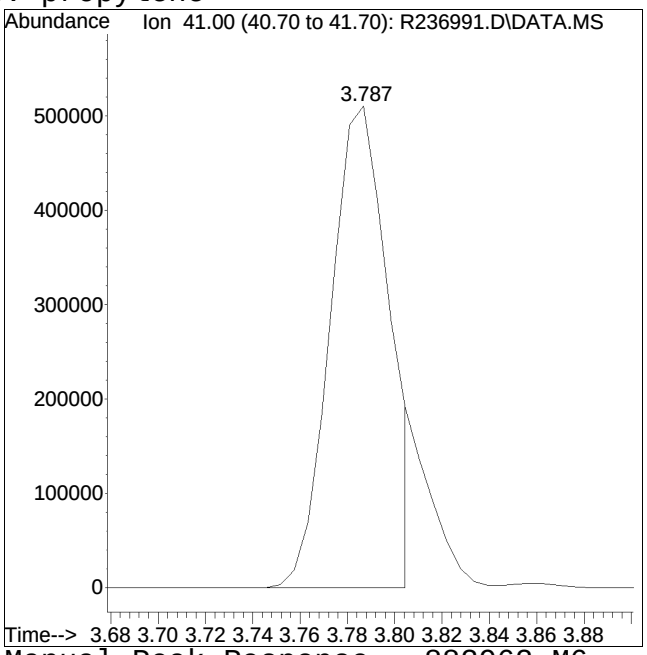
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R236991.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 3:11 am Instrument : Airlab 23
Sample : ITO15-LLSTD100 Quant Date : 11/22/2025 8:49 am

Compound #3: propylene



Original Peak Response = 992936



Manual Peak Response = 882962 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	106	0.00
2		chlorodifluoromethane	1.046	1.104	-5.5	121	0.00
3		propylene	0.406	0.429	-5.7	130	0.00
4		propane	0.294	0.295	-0.3	114	0.00
5		dichlorodifluoromethane	2.704	2.585	4.4	107	0.00
6	C	chloromethane	0.750	0.633	15.6	94	0.00
7		Freon-114	3.241	3.087	4.8	103	0.00
8	C	methanol	0.192	0.167	13.0	95	0.00
9	C	vinyl chloride	0.996	0.853	14.4	95	0.00
10	C	1,3-butadiene	0.640	0.567	11.4	104	0.00
11		butane	1.207	0.976	19.1	90	0.00
13	C	bromomethane	1.216	1.129	7.2	100	0.00
14	C	chloroethane	0.584	0.513	12.2	94	0.00
15		ethanol	0.386	0.330	14.5	92	0.00
16		dichlorofluoromethane	1.983	1.666	16.0	95	0.00
17	C	vinyl bromide	0.922	0.924	-0.2	117	0.00
18	C	acrolein	0.325	0.250	23.1	83	0.00
19		acetone	0.977	0.890	8.9	110	0.00
20	C	acetonitrile	0.523	0.459	12.2	105	0.00
21		trichlorofluoromethane	2.884	2.684	6.9	103	0.00
22		isopropyl alcohol	1.028	0.988	3.9	121	0.00
23	C	acrylonitrile	0.565	0.439	22.3	88	0.00
24		pentane	1.122	0.926	17.5	94	0.00
25		ethyl ether	0.536	0.447	16.6	96	0.00
26	C	1,1-dichloroethene	1.540	1.490	3.2	103	0.00
27		tertiary butyl alcohol	1.290	0.839	35.0#	78	-0.01
28	C	methylene chloride	0.868	0.764	12.0	102	0.00
29	C	3-chloropropene	0.699	0.646	7.6	113	0.00
30	C	carbon disulfide	2.309	2.097	9.2	108	0.00
31		Freon 113	2.315	2.083	10.0	102	0.00
32		trans-1,2-dichloroethene	1.128	1.066	5.5	110	0.00
33	C	1,1-dichloroethane	1.587	1.434	9.6	99	0.00
34	C	MTBE	2.386	2.259	5.3	111	0.00
35	C	vinyl acetate	1.375	0.787	42.8#	72	0.00
36	C	2-butanone	1.247	1.145	8.2	107	0.00
37		cis-1,2-dichloroethene	1.219	1.110	8.9	99	0.00
38		Ethyl Acetate	0.233	0.223	4.3	111	0.00
39	C	chloroform	2.253	1.965	12.8	97	0.00
40		Tetrahydrofuran	0.644	0.610	5.3	120	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.804	1.511	16.2	92	0.00
42	C	1,2-dichloroethane	1.340	1.188	11.3	97	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	112	0.00
44	C	hexane	0.266	0.260	2.3	123	0.00
45		diisopropyl ether	0.210	0.170	19.0	92	0.00
46		tert-butyl ethyl ether	0.613	0.495	19.2	92	0.00
47	s	1,2-dichloroethane-D4	0.276	0.259	6.2	104	0.00
48	C	1,1,1-trichloroethane	0.615	0.518	15.8	98	0.00
49		1,1-dichloropropene	0.373	0.320	14.2	96	0.00
50	C	benzene	0.729	0.606	16.9	94	0.00
52	C	carbon tetrachloride	0.675	0.586	13.2	102	0.00
53		cyclohexane	0.267	0.237	11.2	111	0.00
54		tert-amyl methyl ether	0.661	0.550	16.8	95	0.00
55		dibromomethane	0.347	0.283	18.4	92	0.00
56	C	1,2-dichloropropane	0.229	0.194	15.3	98	0.00
57		bromodichloromethane	0.550	0.503	8.5	110	0.00
58	C	1,4-dioxane	0.162	0.147	9.3	110	0.00
59	C	trichloroethene	0.435	0.366	15.9	98	0.00
60	C	2,2,4-trimethylpentane	0.822	0.729	11.3	110	0.00
61		methyl methacrylate	0.223	0.175	21.5	92	0.00
62		heptane	0.252	0.225	10.7	112	0.00
63	C	cis-1,3-dichloropropene	0.392	0.373	4.8	106	0.00
64	C	4-methyl-2-pentanone	0.366	0.335	8.5	108	0.00
65		trans-1,3-dichloropropene	0.311	0.334	-7.4	117	0.00
66	C	1,1,2-trichloroethane	0.360	0.307	14.7	97	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	103	0.00
68	C	toluene	6.923	6.238	9.9	96	0.00
69	s	toluene-D8	6.313	6.434	-1.9	104	0.00
71		1,3-dichloropropane	2.996	2.506	16.4	89	0.00
72		2-hexanone	2.486	2.412	3.0	109	0.00
74		dibromochloromethane	4.772	4.797	-0.5	113	0.00
75	C	1,2-dibromoethane	4.070	3.937	3.3	101	0.00
76		butyl acetate	0.818	0.706	13.7	91	0.00
77		octane	2.082	1.800	13.5	93	0.00
78	C	tetrachloroethene	4.343	4.011	7.6	100	0.00
79		1,1,1,2-tetrachloroethane	3.570	3.033	15.0	90	0.00
80	C	chlorobenzene	5.831	5.304	9.0	96	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	8.851	8.004	9.6	94	0.00
83	C	m+p-xylene	6.723	6.120	9.0	97	0.00
84	C	bromoform	4.794	4.751	0.9	113	0.00
85	C	styrene	5.282	4.944	6.4	97	0.00
86	C	1,1,2,2-tetrachloroethane	4.893	4.393	10.2	95	0.00
87	C	o-xylene	6.795	6.097	10.3	95	0.00
88		1,2,3-trichloropropane	3.422	2.939	14.1	93	0.00
89		nonane	2.774	2.352	15.2	94	0.00
90	s	bromofluorobenzene	3.545	3.549	-0.1	105	0.00
91	C	isopropylbenzene	9.569	8.483	11.3	92	0.00
92		bromobenzene	4.326	3.619	16.3	91	0.00
93		2-chlorotoluene	2.813	2.419	14.0	93	0.00
94		n-propylbenzene	2.855	2.504	12.3	93	0.00
95		4-chlorotoluene	2.624	2.265	13.7	91	0.00
96		4-ethyl toluene	8.937	8.584	3.9	107	0.00
97		1,3,5-trimethylbenzene	7.528	7.305	3.0	101	0.00
98		tert-butylbenzene	9.051	8.157	9.9	92	0.00
99		1,2,4-trimethylbenzene	8.044	7.834	2.6	98	0.00
100		decane	3.569	2.993	16.1	91	0.00
101	C	Benzyl Chloride	5.745	4.759	17.2	84	0.00
102		1,3-dichlorobenzene	6.386	6.101	4.5	101	0.00
103	C	1,4-dichlorobenzene	6.118	5.641	7.8	95	0.00
104		sec-butylbenzene	11.521	9.788	15.0	90	0.00
106		p-isopropyltoluene	10.926	9.818	10.1	89	0.00
107		1,2-dichlorobenzene	6.036	5.601	7.2	97	0.00
108		n-butylbenzene	8.824	8.253	6.5	95	0.00
111	C	1,2-dibromo-3-chloropropane	2.395	1.999	16.5	85	0.00
112		undecane	5.430	4.664	14.1	86	0.00
114		dodecane	3.566	3.287	7.8	86	0.00
115	C	1,2,4-trichlorobenzene	5.313	5.750	-8.2	100	0.00
116		naphthalene	10.885	10.297	5.4	82	0.00
117		1,2,3-trichlorobenzene	5.196	4.974	4.3	87	0.00
119	C	hexachlorobutadiene	4.640	4.738	-2.1	97	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.864	49	227967	10.000	ppbV	0.00
Standard Area = 215783			Recovery = 105.65%			
43) 1,4-difluorobenzene	11.059	114	1004699	10.000	ppbV	0.00
Standard Area = 895236			Recovery = 112.23%			
67) chlorobenzene-D5	15.736	54	131995	10.000	ppbV	0.00
Standard Area = 128102			Recovery = 103.04%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	9.720	65	260442	9.409	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.09%			
69) toluene-D8	13.865	98	849293	10.192	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.92%			
90) bromofluorobenzene	17.042	95	468488	10.013	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.13%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.751	51	251620	10.550	ppbV	100
3) propylene	3.781	41	97727M6	10.563	ppbV	
4) propane	3.804	29	67207	10.013	ppbV	94
5) dichlorodifluoromethane	3.851	85	589195	9.559	ppbV	99
6) chloromethane	4.015	50	144297	8.441	ppbV	100
7) Freon-114	4.120	85	703658	9.523	ppbV	98
8) methanol	4.196	31	190432	43.586	ppbV	98
9) vinyl chloride	4.237	62	194366	8.562	ppbV	100
10) 1,3-butadiene	4.378	54	129326	8.859	ppbV	98
11) butane	4.430	43	222546	8.090	ppbV	100
13) bromomethane	4.653	94	257455	9.287	ppbV	98
14) chloroethane	4.834	64	116897	8.782	ppbV	99
15) ethanol	4.981	31	376143	42.795	ppbV	99
16) dichlorofluoromethane	4.940	67	379786	8.399	ppbV	100
17) vinyl bromide	5.204	106	210602	10.017	ppbV	98
18) acrolein	5.333	56	57053	7.696	ppbV	98
19) acetone	5.467	43	1014118	45.553	ppbV	99
20) acetonitrile	5.198	41	104542	8.774	ppbV	99
21) trichlorofluoromethane	5.660	101	611911	9.306	ppbV	100
22) isopropyl alcohol	5.759	45	563044	24.029	ppbV	100
23) acrylonitrile	5.981	53	100027	7.762	ppbV	98
24) pentane	6.052	43	211190	8.255	ppbV	99
25) ethyl ether	6.069	31	101833	8.339	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) 1,1-dichloroethene	6.349	61	339664	9.675	ppbV	99
27) tertiary butyl alcohol	6.400	59	191303	6.506	ppbV	99
28) methylene chloride	6.489	49	174149	8.805	ppbV	98
29) 3-chloropropene	6.618	41	147238	9.243	ppbV	97
30) carbon disulfide	6.792	76	478089	9.082	ppbV	100
31) Freon 113	6.786	101	474807	8.998	ppbV	98
32) trans-1,2-dichloroethene	7.527	61	243004	9.453	ppbV	99
33) 1,1-dichloroethane	7.749	63	326976	9.040	ppbV	99
34) MTBE	7.808	73	514926	9.465	ppbV	100
35) vinyl acetate	7.933	43	179517	5.728	ppbV	99
36) 2-butanone	8.182	43	260927	9.178	ppbV	99
37) cis-1,2-dichloroethene	8.685	61	253070	9.105	ppbV	99
38) Ethyl Acetate	8.946	61	50931	9.578	ppbV	86
39) chloroform	9.019	83	447914	8.719	ppbV	99
40) Tetrahydrofuran	9.443	42	139012	9.468	ppbV	100
41) 2,2-dichloropropane	9.044	77	344409	8.374	ppbV	99
42) 1,2-dichloroethane	9.842	62	270848	8.870	ppbV	99
44) hexane	8.930	57	260861	9.768	ppbV	87
45) diisopropyl ether	8.921	87	170910	8.100	ppbV	96
46) tert-butyl ethyl ether	9.525	59	497724	8.082	ppbV	99
48) 1,1,1-trichloroethane	10.119	97	520575	8.422	ppbV	99
49) 1,1-dichloropropene	10.484	75	321089	8.565	ppbV	97
50) benzene	10.644	78	608750	8.316	ppbV	100
52) carbon tetrachloride	10.804	117	589045	8.692	ppbV	98
53) cyclohexane	10.946	56	237810	8.869	ppbV	100
54) tert-amyl methyl ether	11.313	73	552406	8.322	ppbV	99
55) dibromomethane	11.539	93	284462	8.164	ppbV	97
56) 1,2-dichloropropane	11.568	63	195096	8.494	ppbV	98
57) bromodichloromethane	11.794	83	505298	9.138	ppbV	100
58) 1,4-dioxane	11.831	88	147509	9.054	ppbV	100
59) trichloroethene	11.841	130	368033	8.420	ppbV	99
60) 2,2,4-trimethylpentane	11.888	57	732398	8.866	ppbV	99
61) methyl methacrylate	12.077	41	175714	7.828	ppbV	97
62) heptane	12.199	43	226120	8.920	ppbV	99
63) cis-1,3-dichloropropene	12.839	75	374885	9.522	ppbV	98
64) 4-methyl-2-pentanone	12.872	43	336835	9.154	ppbV	99
65) trans-1,3-dichloropropene	13.448	75	335857	10.749	ppbV	99
66) 1,1,2-trichloroethane	13.648	97	308178	8.510	ppbV	99
68) toluene	13.974	91	823355	9.010	ppbV	99
71) 1,3-dichloropropane	14.007	76	330752	8.365	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72)	2-hexanone	14.265	43	318411	9.705	ppbV #	91
74)	dibromochloromethane	14.432	129	633189	10.052	ppbV	99
75)	1,2-dibromoethane	14.683	107	519662	9.674	ppbV	100
76)	butyl acetate	14.925	73	93161	8.631	ppbV	99
77)	octane	15.025	85	237540	8.646	ppbV	99
78)	tetrachloroethene	15.150	166	529457	9.237	ppbV	99
79)	1,1,1,2-tetrachloroethane	15.762	131	400285	8.495	ppbV	100
80)	chlorobenzene	15.771	112	700096	9.096	ppbV	100
81)	ethylbenzene	16.111	91	1056445	9.043	ppbV	99
83)	m+p-xylene	16.259	91	1615600	18.206	ppbV	99
84)	bromoform	16.328	173	627119	9.911	ppbV	100
85)	styrene	16.572	104	652588	9.360	ppbV	100
86)	1,1,2,2-tetrachloroethane	16.659	83	579831	8.979	ppbV	100
87)	o-xylene	16.659	91	804710	8.972	ppbV	100
88)	1,2,3-trichloropropane	16.764	75	387885	8.588	ppbV	99
89)	nonane	16.851	43	310425	8.479	ppbV	99
91)	isopropylbenzene	17.155	105	1119705	8.865	ppbV	99
92)	bromobenzene	17.225	77	477722	8.367	ppbV	96
93)	2-chlorotoluene	17.538	126	319313	8.600	ppbV	91
94)	n-propylbenzene	17.564	120	330547	8.770	ppbV	98
95)	4-chlorotoluene	17.599	126	299013	8.632	ppbV	99
96)	4-ethyl toluene	17.686	105	1133091	9.605	ppbV	100
97)	1,3,5-trimethylbenzene	17.747	105	964235	9.704	ppbV	99
98)	tert-butylbenzene	18.072	119	1076689	9.012	ppbV	100
99)	1,2,4-trimethylbenzene	18.072	105	1034057	9.739	ppbV	98
100)	decane	18.152	57	395115	8.387	ppbV	99
101)	Benzyl Chloride	18.192	91	628123	8.283	ppbV	98
102)	1,3-dichlorobenzene	18.200	146	805358	9.555	ppbV	99
103)	1,4-dichlorobenzene	18.256	146	744531	9.220	ppbV	99
104)	sec-butylbenzene	18.288	105	1292021	8.496	ppbV	100
106)	p-isopropyltoluene	18.416	119	1295969	8.986	ppbV	99
107)	1,2-dichlorobenzene	18.527	146	739354	9.279	ppbV	100
108)	n-butylbenzene	18.751	91	1089326	9.352	ppbV	97
111)	1,2-dibromo-3-chloropr...	18.887	75	263799	8.346	ppbV	98
112)	undecane	19.150	57	615668	8.590	ppbV	99
114)	dodecane	20.021	57	433918	9.219	ppbV	99
115)	1,2,4-trichlorobenzene	19.963	180	758916	10.822	ppbV	99
116)	naphthalene	20.074	128	1359140	9.460	ppbV	100
117)	1,2,3-trichlorobenzene	20.313	180	656556	9.574	ppbV	99
119)	hexachlorobutadiene	20.378	225	625343	10.211	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On : 22 Nov 2025 05:16 am
Operator : AIRLAB23:BJB
Sample : CTO15-LLSTD010
Misc : WG2145605
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121T_I\R236988.D
Sub List : Default-ICV-AP2 - All compounds listed

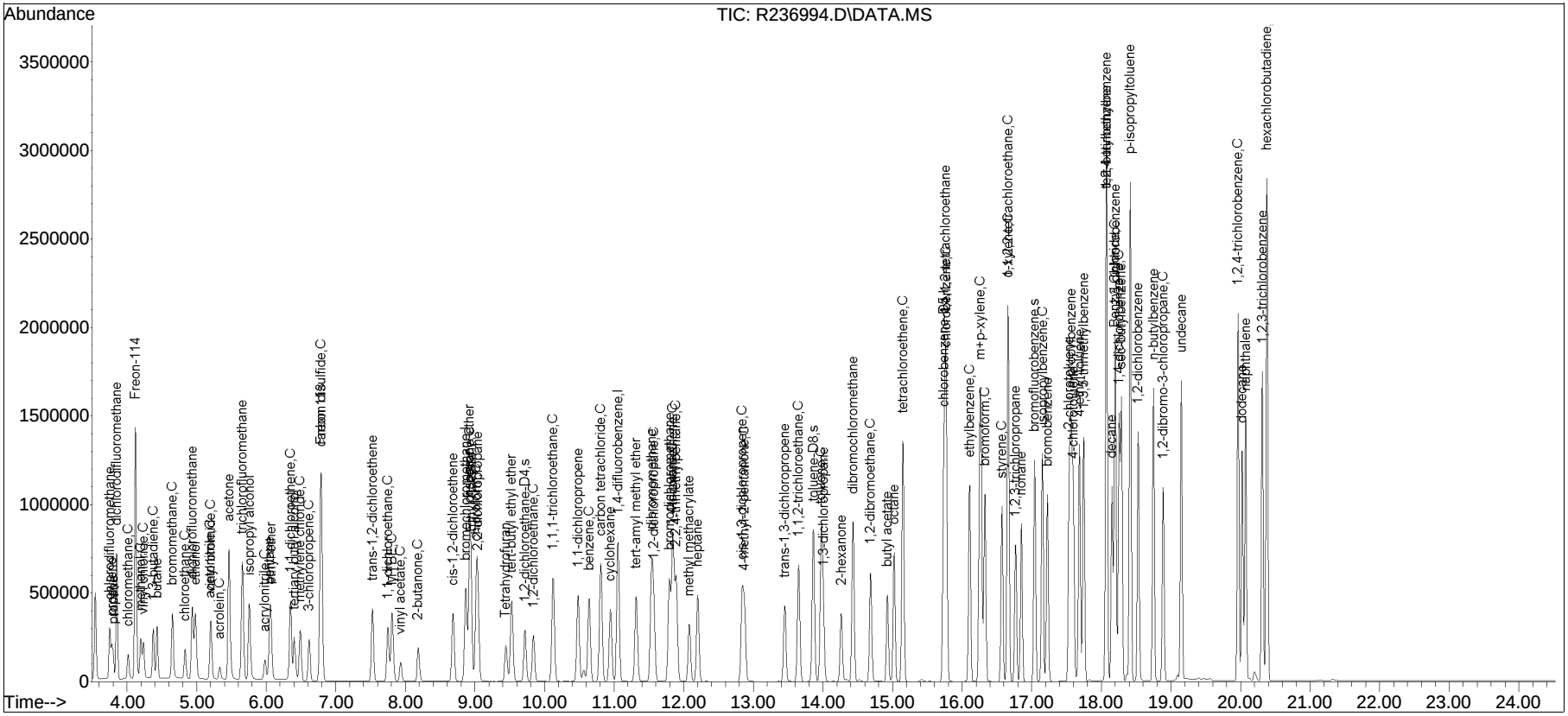
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Sub List     : Default-ICV-AP2 - All compounds listedI\R236988.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121T_I\
Data File : R236994.D
Acq On    : 22 Nov 2025  05:16 am
Operator  : AIRLAB23:BJB
Sample    : CTO15-LLSTD010
Misc      : WG2145605
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Nov 23 15:34:08 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Quant Title  : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration
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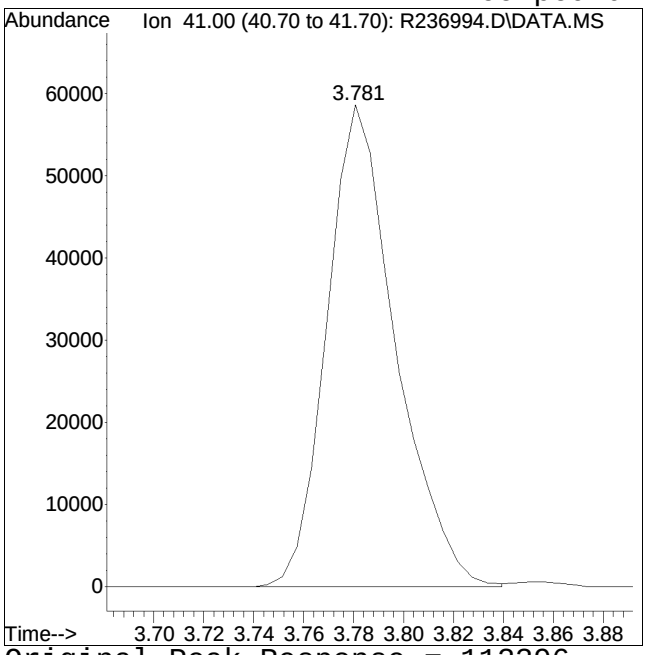


Manual Integration Report

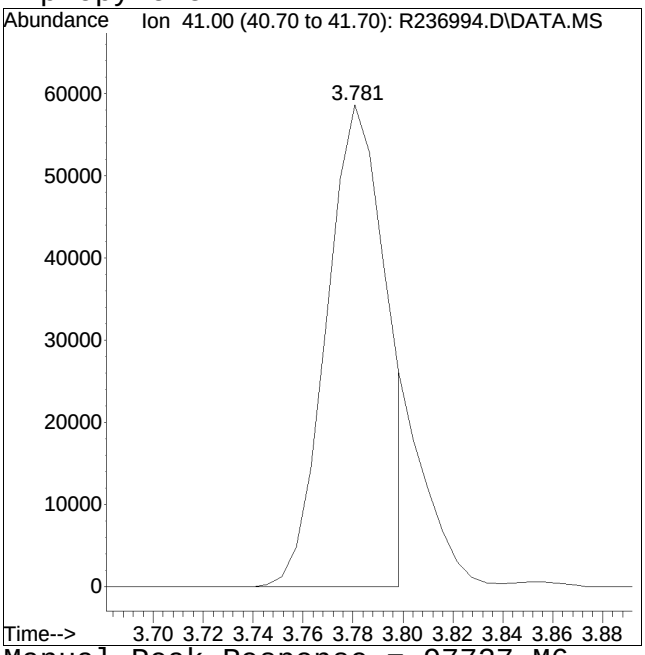
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236994.D
Date Inj'd : 11/22/2025 5:16 am
Sample : CTO15-LLSTD010

Method : TFS23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/23/2025 3:34 pm

Compound #3: propylene



Original Peak Response = 112396



Manual Peak Response = 97727 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		**Lab Number**	: L2576049	
Project Name	: LIRR-NPY-RHY		**Project Number**	: 000639300	
Instrument ID	: AIRLAB23		**Calibration Date**	: 12/11/25 15:40	
Lab File ID	: R237278		**Init. Calib. Date(s)**	: 11/21/25	11/22/25
Sample No	: WG2152814-2		**Init. Calib. Times**	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	77	0
chlorodifluoromethane	1.046	1.204	-	-15.1	30	96	.01
propylene	0.406	0.465	-	-14.5	30	103	.01
propane	0.294	0.27	-	8.2	30	76	.01
dichlorodifluoromethane	2.704	2.784	-	-3	30	84	.01
chloromethane	0.75	0.791	-	-5.5	30	85	.01
Freon-114	3.241	3.6	-	-11.1	30	88	.01
methanol	0.192	0.15	-	21.9	30	62	0
vinyl chloride	0.996	1.089	-	-9.3	30	88	.01
1,3-butadiene	0.64	0.698	-	-9.1	30	94	.01
butane	1.207	1.163	-	3.6	30	78	.01
bromomethane	1.216	1.366	-	-12.3	30	89	.01
chloroethane	0.584	0.651	-	-11.5	30	87	.01
ethanol	0.386	0.309	-	19.9	30	63	0
dichlorofluoromethane	1.983	1.826	-	7.9	30	76	0
vinyl bromide	0.922	0.912	-	1.1	30	85	.01
acrolein	0.325	0.274	-	15.7	30	67	.01
acetone	0.977	0.967	-	1	30	87	.01
acetonitrile	0.523	0.432	-	17.4	30	72	0
trichlorofluoromethane	2.884	2.688	-	6.8	30	75	.01
isopropyl alcohol	1.028	0.835	-	18.8	30	74	0
acrylonitrile	0.565	0.506	-	10.4	30	74	0
pentane	1.122	1.013	-	9.7	30	75	.01
ethyl ether	0.536	0.426	-	20.5	30	67	0
1,1-dichloroethene	1.54	1.687	-	-9.5	30	85	0
tertiary butyl alcohol	1.29	0.791	-	38.7*	30	53	0
methylene chloride	0.868	0.863	-	0.6	30	84	0
3-chloropropene	0.699	0.685	-	2	30	88	0
carbon disulfide	2.309	2.364	-	-2.4	30	89	.01
Freon 113	2.315	2.186	-	5.6	30	78	0
trans-1,2-dichloroethene	1.128	1.161	-	-2.9	30	87	0
1,1-dichloroethane	1.587	1.625	-	-2.4	30	81	0
MTBE	2.386	2.321	-	2.7	30	83	0
vinyl acetate	1.375	0.847	-	38.4*	30	56	0
2-butanone	1.247	1.238	-	0.7	30	84	0
cis-1,2-dichloroethene	1.219	1.238	-	-1.6	30	81	0
Ethyl Acetate	0.233	0.255	-	-9.4	30	92	0
chloroform	2.253	2.155	-	4.3	30	78	0
Tetrahydrofuran	0.644	0.655	-	-1.7	30	94	0
2,2-dichloropropane	1.804	1.569	-	13	30	69	0
1,2-dichloroethane	1.34	1.294	-	3.4	30	77	0
1,4-difluorobenzene	1	1	-	0	30	66	0
hexane	0.266	0.331	-	-24.4	30	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		Lab Number	: L2576049	
Project Name	: LIRR-NPY-RHY		Project Number	: 000639300	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 15:40	
Lab File ID	: R237278		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152814-2		Init. Calib. Times	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.21	0.226	-	-7.6	30	71	0
tert-butyl ethyl ether	0.613	0.667	-	-8.8	30	72	0
1,1,1-trichloroethane	0.615	0.652	-	-6	30	72	0
1,1-dichloropropene	0.373	0.425	-	-13.9	30	75	0
benzene	0.729	0.844	-	-15.8	30	77	0
carbon tetrachloride	0.675	0.696	-	-3.1	30	71	0
cyclohexane	0.267	0.326	-	-22.1	30	90	0
tert-amyl methyl ether	0.661	0.701	-	-6.1	30	71	0
dibromomethane	0.347	0.367	-	-5.8	30	70	0
1,2-dichloropropane	0.229	0.284	-	-24	30	84	0
bromodichloromethane	0.55	0.659	-	-19.8	30	85	0
1,4-dioxane	0.162	0.192	-	-18.5	30	84	0
trichloroethene	0.435	0.442	-	-1.6	30	69	0
2,2,4-trimethylpentane	0.822	1.032	-	-25.5	30	91	0
methyl methacrylate	0.223	0.223	-	0	30	69	0
heptane	0.252	0.307	-	-21.8	30	90	0
cis-1,3-dichloropropene	0.392	0.505	-	-28.8	30	84	0
4-methyl-2-pentanone	0.366	0.435	-	-18.9	30	83	0
trans-1,3-dichloropropene	0.311	0.446	-	-43.4*	30	91	0
1,1,2-trichloroethane	0.36	0.408	-	-13.3	30	75	0
chlorobenzene-D5	1	1	-	0	30	66	0
toluene	6.923	7.645	-	-10.4	30	75	0
1,3-dichloropropane	2.996	3.179	-	-6.1	30	73	0
2-hexanone	2.486	2.817	-	-13.3	30	82	0
dibromochloromethane	4.772	5.266	-	-10.4	30	80	0
1,2-dibromoethane	4.07	4.635	-	-13.9	30	76	0
butyl acetate	0.818	0.87	-	-6.4	30	72	0
octane	2.082	2.212	-	-6.2	30	74	0
tetrachloroethene	4.343	4.113	-	5.3	30	66	0
1,1,1,2-tetrachloroethane	3.57	3.33	-	6.7	30	63	0
chlorobenzene	5.831	6.274	-	-7.6	30	73	0
ethylbenzene	8.851	9.703	-	-9.6	30	73	0
m+p-xylene	6.723	7.465	-	-11	30	76	0
bromoform	4.794	4.778	-	0.3	30	73	0
styrene	5.282	5.8	-	-9.8	30	73	0
1,1,2,2-tetrachloroethane	4.893	5.773	-	-18	30	80	0
o-xylene	6.795	7.602	-	-11.9	30	76	0
1,2,3-trichloropropane	3.422	3.623	-	-5.9	30	73	0
nonane	2.774	2.885	-	-4	30	74	0
isopropylbenzene	9.569	9.975	-	-4.2	30	69	0
bromobenzene	4.326	4.502	-	-4.1	30	72	0
2-chlorotoluene	2.813	2.663	-	5.3	30	66	0
n-propylbenzene	2.855	2.84	-	0.5	30	68	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		**Lab Number**	: L2576049	
Project Name	: LIRR-NPY-RHY		**Project Number**	: 000639300	
Instrument ID	: AIRLAB23		**Calibration Date**	: 12/11/25 15:40	
Lab File ID	: R237278		**Init. Calib. Date(s)**	: 11/21/25	11/22/25
Sample No	: WG2152814-2		**Init. Calib. Times**	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.624	2.507	-	4.5	30	65	0
4-ethyl toluene	8.937	10.076	-	-12.7	30	81	0
1,3,5-trimethylbenzene	7.528	8.683	-	-15.3	30	77	0
tert-butylbenzene	9.051	9.606	-	-6.1	30	69	0
1,2,4-trimethylbenzene	8.044	9.594	-	-19.3	30	77	0
decane	3.569	4.042	-	-13.3	30	79	0
Benzyl Chloride	5.745	5.961	-	-3.8	30	68	0
1,3-dichlorobenzene	6.386	7.468	-	-16.9	30	80	0
1,4-dichlorobenzene	6.118	7.527	-	-23	30	81	0
sec-butylbenzene	11.521	12.524	-	-8.7	30	74	0
p-isopropyltoluene	10.926	12.34	-	-12.9	30	72	0
1,2-dichlorobenzene	6.036	7.211	-	-19.5	30	80	0
n-butylbenzene	8.824	10.731	-	-21.6	30	79	0
1,2-dibromo-3-chloropropan	2.395	2.463	-	-2.8	30	67	0
undecane	5.43	6.039	-	-11.2	30	72	0
dodecane	3.566	4.317	-	-21.1	30	73	0
1,2,4-trichlorobenzene	5.313	5.934	-	-11.7	30	66	0
naphthalene	10.885	11.299	-	-3.8	30	58	0
1,2,3-trichlorobenzene	5.196	5.013	-	3.5	30	56	0
hexachlorobutadiene	4.64	4.852	-	-4.6	30	64	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	77	0.00
2		chlorodifluoromethane	1.046	1.204	-15.1	96	0.01
3		propylene	0.406	0.465	-14.5	103	0.01
4		propane	0.294	0.270	8.2	76	0.01
5		dichlorodifluoromethane	2.704	2.784	-3.0	84	0.01
6	C	chloromethane	0.750	0.791	-5.5	85	0.01
7		Freon-114	3.241	3.600	-11.1	88	0.01
8	C	methanol	0.192	0.150	21.9	62	0.00
9	C	vinyl chloride	0.996	1.089	-9.3	88	0.01
10	C	1,3-butadiene	0.640	0.698	-9.1	94	0.01
11		butane	1.207	1.163	3.6	78	0.01
13	C	bromomethane	1.216	1.366	-12.3	89	0.01
14	C	chloroethane	0.584	0.651	-11.5	87	0.01
15		ethanol	0.386	0.309	19.9	63	0.00
16		dichlorofluoromethane	1.983	1.826	7.9	76	0.00
17	C	vinyl bromide	0.922	0.912	1.1	85	0.01
18	C	acrolein	0.325	0.274	15.7	67	0.01
19		acetone	0.977	0.967	1.0	87	0.01
20	C	acetonitrile	0.523	0.432	17.4	72	0.00
21		trichlorofluoromethane	2.884	2.688	6.8	75	0.01
22		isopropyl alcohol	1.028	0.835	18.8	74	0.00
23	C	acrylonitrile	0.565	0.506	10.4	74	0.00
24		pentane	1.122	1.013	9.7	75	0.01
25		ethyl ether	0.536	0.426	20.5	67	0.00
26	C	1,1-dichloroethene	1.540	1.687	-9.5	85	0.00
27		tertiary butyl alcohol	1.290	0.791	38.7#	53#	0.00
28	C	methylene chloride	0.868	0.863	0.6	84	0.00
29	C	3-chloropropene	0.699	0.685	2.0	88	0.00
30	C	carbon disulfide	2.309	2.364	-2.4	89	0.01
31		Freon 113	2.315	2.186	5.6	78	0.00
32		trans-1,2-dichloroethene	1.128	1.161	-2.9	87	0.00
33	C	1,1-dichloroethane	1.587	1.625	-2.4	81	0.00
34	C	MTBE	2.386	2.321	2.7	83	0.00
35	C	vinyl acetate	1.375	0.847	38.4#	56#	0.00
36	C	2-butanone	1.247	1.238	0.7	84	0.00
37		cis-1,2-dichloroethene	1.219	1.238	-1.6	81	0.00
38		Ethyl Acetate	0.233	0.255	-9.4	92	0.00
39	C	chloroform	2.253	2.155	4.3	78	0.00
40		Tetrahydrofuran	0.644	0.655	-1.7	94	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	1.804	1.569	13.0	69	0.00
42	C	1,2-dichloroethane	1.340	1.294	3.4	77	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	66	0.00
44	C	hexane	0.266	0.331	-24.4	92	0.00
45		diisopropyl ether	0.210	0.226	-7.6	71	0.00
46		tert-butyl ethyl ether	0.613	0.667	-8.8	72	0.00
48	C	1,1,1-trichloroethane	0.615	0.652	-6.0	72	0.00
49		1,1-dichloropropene	0.373	0.425	-13.9	75	0.00
50	C	benzene	0.729	0.844	-15.8	77	0.00
52	C	carbon tetrachloride	0.675	0.696	-3.1	71	0.00
53		cyclohexane	0.267	0.326	-22.1	90	0.00
54		tert-amyl methyl ether	0.661	0.701	-6.1	71	0.00
55		dibromomethane	0.347	0.367	-5.8	70	0.00
56	C	1,2-dichloropropane	0.229	0.284	-24.0	84	0.00
57		bromodichloromethane	0.550	0.659	-19.8	85	0.00
58	C	1,4-dioxane	0.162	0.192	-18.5	84	0.00
59	C	trichloroethene	0.435	0.442	-1.6	69	0.00
60	C	2,2,4-trimethylpentane	0.822	1.032	-25.5	91	0.00
61		methyl methacrylate	0.223	0.223	0.0	69	0.00
62		heptane	0.252	0.307	-21.8	90	0.00
63	C	cis-1,3-dichloropropene	0.392	0.505	-28.8	84	0.00
64	C	4-methyl-2-pentanone	0.366	0.435	-18.9	83	0.00
65		trans-1,3-dichloropropene	0.311	0.446	-43.4#	91	0.00
66	C	1,1,2-trichloroethane	0.360	0.408	-13.3	75	0.00
67	I	chlorobenzene-D5	1.000	1.000	0.0	66	0.00
68	C	toluene	6.923	7.645	-10.4	75	0.00
71		1,3-dichloropropane	2.996	3.179	-6.1	73	0.00
72		2-hexanone	2.486	2.817	-13.3	82	0.00
74		dibromochloromethane	4.772	5.266	-10.4	80	0.00
75	C	1,2-dibromoethane	4.070	4.635	-13.9	76	0.00
76		butyl acetate	0.818	0.870	-6.4	72	0.00
77		octane	2.082	2.212	-6.2	74	0.00
78	C	tetrachloroethene	4.343	4.113	5.3	66	0.00
79		1,1,1,2-tetrachloroethane	3.570	3.330	6.7	63	0.00
80	C	chlorobenzene	5.831	6.274	-7.6	73	0.00
81	C	ethylbenzene	8.851	9.703	-9.6	73	0.00
83	C	m+p-xylene	6.723	7.465	-11.0	76	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	4.794	4.778	0.3	73	0.00
85	C	styrene	5.282	5.800	-9.8	73	0.00
86	C	1,1,2,2-tetrachloroethane	4.893	5.773	-18.0	80	0.00
87	C	o-xylene	6.795	7.602	-11.9	76	0.00
88		1,2,3-trichloropropane	3.422	3.623	-5.9	73	0.00
89		nonane	2.774	2.885	-4.0	74	0.00
91	C	isopropylbenzene	9.569	9.975	-4.2	69	0.00
92		bromobenzene	4.326	4.502	-4.1	72	0.00
93		2-chlorotoluene	2.813	2.663	5.3	66	0.00
94		n-propylbenzene	2.855	2.840	0.5	68	0.00
95		4-chlorotoluene	2.624	2.507	4.5	65	0.00
96		4-ethyl toluene	8.937	10.076	-12.7	81	0.00
97		1,3,5-trimethylbenzene	7.528	8.683	-15.3	77	0.00
98		tert-butylbenzene	9.051	9.606	-6.1	69	0.00
99		1,2,4-trimethylbenzene	8.044	9.594	-19.3	77	0.00
100		decane	3.569	4.042	-13.3	79	0.00
101	C	Benzyl Chloride	5.745	5.961	-3.8	68	0.00
102		1,3-dichlorobenzene	6.386	7.468	-16.9	80	0.00
103	C	1,4-dichlorobenzene	6.118	7.527	-23.0	81	0.00
104		sec-butylbenzene	11.521	12.524	-8.7	74	0.00
106		p-isopropyltoluene	10.926	12.340	-12.9	72	0.00
107		1,2-dichlorobenzene	6.036	7.211	-19.5	80	0.00
108		n-butylbenzene	8.824	10.731	-21.6	79	0.00
111	C	1,2-dibromo-3-chloropropane	2.395	2.463	-2.8	67	0.00
112		undecane	5.430	6.039	-11.2	72	0.00
114		dodecane	3.566	4.317	-21.1	73	0.00
115	C	1,2,4-trichlorobenzene	5.313	5.934	-11.7	66	0.00
116		naphthalene	10.885	11.299	-3.8	58#	0.00
117		1,2,3-trichlorobenzene	5.196	5.013	3.5	56#	0.00
119	C	hexachlorobutadiene	4.640	4.852	-4.6	64	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	166247	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.060	114	589128	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 100.00%			
67) chlorobenzene-D5	15.738	54	84733	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	3.769	51	200229	11.512	ppbV	99
3) propylene	3.798	41	77252M6	11.449	ppbV	
4) propane	3.816	29	44963	9.186	ppbV #	85
5) dichlorodifluoromethane	3.868	85	462814	10.296	ppbV	99
6) chloromethane	4.032	50	131541	10.551	ppbV	100
7) Freon-114	4.138	85	598497	11.107	ppbV	93
8) methanol	4.208	31	124798	39.168	ppbV	94
9) vinyl chloride	4.255	62	181055	10.937	ppbV	100
10) 1,3-butadiene	4.395	54	116111	10.907	ppbV	89
11) butane	4.448	43	193414	9.642	ppbV	97
13) bromomethane	4.670	94	227071	11.232	ppbV	99
14) chloroethane	4.852	64	108251	11.152	ppbV	100
15) ethanol	4.992	31	257106	40.112	ppbV	86
16) dichlorofluoromethane	4.951	67	303650	9.209	ppbV	99
17) vinyl bromide	5.221	106	151672	9.892	ppbV	99
18) acrolein	5.344	56	45565	8.428	ppbV	95
19) acetone	5.478	43	803781	49.509	ppbV	94
20) acetonitrile	5.210	41	71852	8.269	ppbV	100
21) trichlorofluoromethane	5.671	101	446917	9.320	ppbV	99
22) isopropyl alcohol	5.771	45	347097	20.312	ppbV	99
23) acrylonitrile	5.993	53	84182	8.957	ppbV	99
24) pentane	6.069	43	168440	9.028	ppbV	99
25) ethyl ether	6.080	31	70828	7.953	ppbV	86
26) 1,1-dichloroethene	6.364	61	280410	10.952	ppbV	97
27) tertiary butyl alcohol	6.405	59	131455	6.131	ppbV	97
28) methylene chloride	6.499	49	143398	9.942	ppbV	97
29) 3-chloropropene	6.628	41	113835	9.799	ppbV	95
30) carbon disulfide	6.802	76	392929	10.236	ppbV	96
31) Freon 113	6.796	101	363349	9.442	ppbV	92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) trans-1,2-dichloroethene	7.536	61	193044	10.297	ppbV		94
33) 1,1-dichloroethane	7.758	63	270183	10.243	ppbV		99
34) MTBE	7.818	73	385902	9.727	ppbV		97
35) vinyl acetate	7.942	43	140750	6.158	ppbV		100
36) 2-butanone	8.192	43	205873	9.930	ppbV		100
37) cis-1,2-dichloroethene	8.694	61	205800	10.154	ppbV		94
38) Ethyl Acetate	8.955	61	42334	10.917	ppbV		64
39) chloroform	9.029	83	358282	9.564	ppbV		99
40) Tetrahydrofuran	9.452	42	108956	10.176	ppbV		99
41) 2,2-dichloropropane	9.045	77	260836	8.697	ppbV		98
42) 1,2-dichloroethane	9.844	62	215090	9.659	ppbV		99
44) hexane	8.939	57	194856	12.443	ppbV		91
45) diisopropyl ether	8.931	87	132919	10.743	ppbV		91
46) tert-butyl ethyl ether	9.534	59	392861	10.879	ppbV		97
48) 1,1,1-trichloroethane	10.129	97	384311	10.604	ppbV		97
49) 1,1-dichloropropene	10.485	75	250250	11.384	ppbV		96
50) benzene	10.645	78	497122	11.582	ppbV		99
52) carbon tetrachloride	10.815	117	410098	10.320	ppbV		100
53) cyclohexane	10.956	56	192027	12.213	ppbV		96
54) tert-amyl methyl ether	11.324	73	412724	10.604	ppbV		97
55) dibromomethane	11.541	93	216410	10.592	ppbV		90
56) 1,2-dichloropropane	11.569	63	167075	12.406	ppbV		93
57) bromodichloromethane	11.795	83	388476	11.981	ppbV		99
58) 1,4-dioxane	11.833	88	113203	11.849	ppbV		96
59) trichloroethene	11.852	130	260538	10.165	ppbV		98
60) 2,2,4-trimethylpentane	11.899	57	607741	12.547	ppbV		95
61) methyl methacrylate	12.087	41	131662	10.004	ppbV		95
62) heptane	12.200	43	180777	12.161	ppbV		96
63) cis-1,3-dichloropropene	12.840	75	297218	12.875	ppbV		96
64) 4-methyl-2-pentanone	12.874	43	256430	11.885	ppbV		97
65) trans-1,3-dichloropropene	13.458	75	262774	14.343	ppbV		96
66) 1,1,2-trichloroethane	13.649	97	240098	11.307	ppbV		98
68) toluene	13.975	91	647777	11.043	ppbV		100
71) 1,3-dichloropropane	14.008	76	269403	10.614	ppbV		96
72) 2-hexanone	14.267	43	238725	11.335	ppbV	#	95
74) dibromochloromethane	14.434	129	446219	11.035	ppbV		100
75) 1,2-dibromoethane	14.684	107	392736	11.389	ppbV		100
76) butyl acetate	14.926	73	73697	10.637	ppbV		94
77) octane	15.026	85	187461	10.629	ppbV		96
78) tetrachloroethene	15.151	166	348525	9.472	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

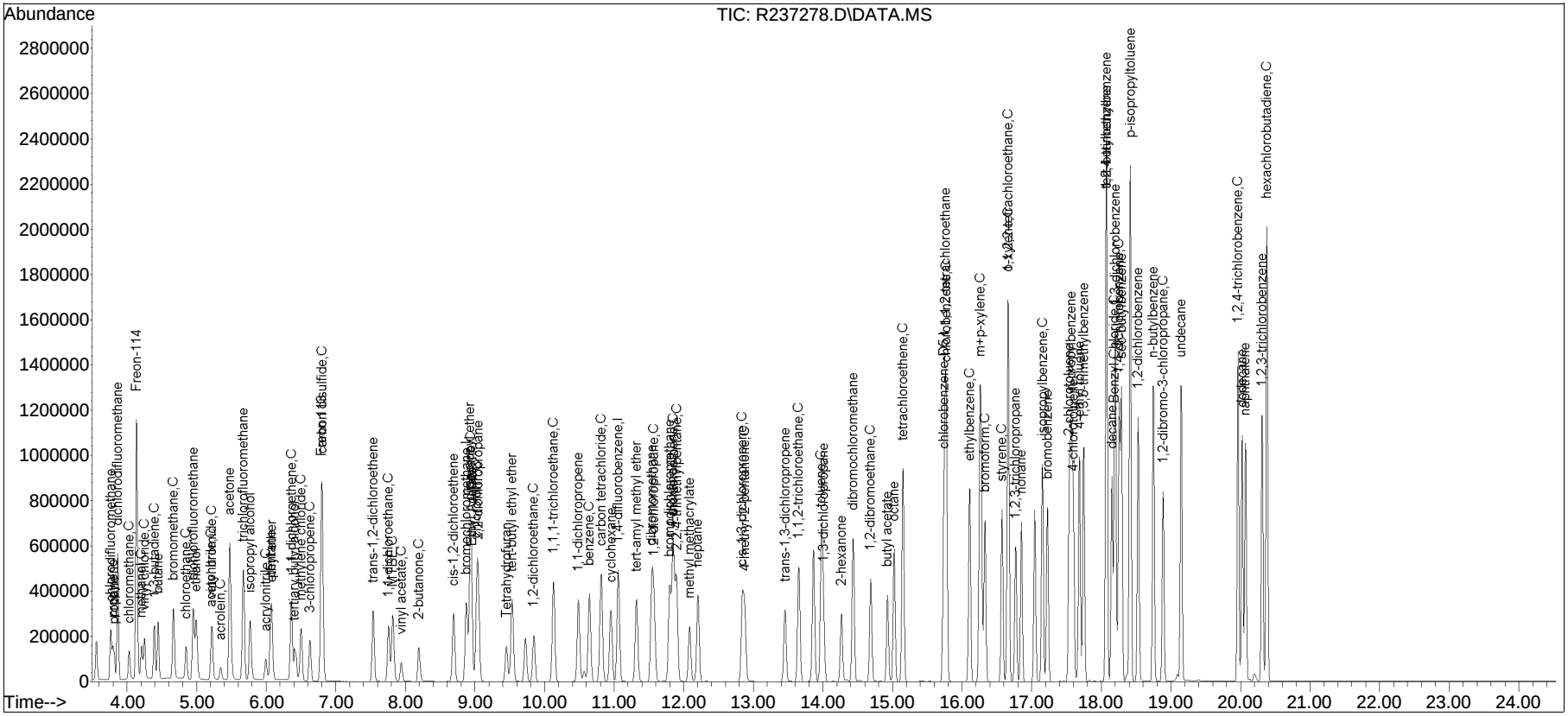
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	15.764	131	282203	9.329	ppbV	98
80) chlorobenzene	15.773	112	531633	10.760	ppbV	97
81) ethylbenzene	16.112	91	822196	10.963	ppbV	97
83) m+p-xylene	16.260	91	1265088	22.207	ppbV	99
84) bromoform	16.330	173	404874	9.967	ppbV	100
85) styrene	16.574	104	491486	10.981	ppbV	100
86) 1,1,2,2-tetrachloroethane	16.661	83	489127	11.799	ppbV	99
87) o-xylene	16.661	91	644120	11.187	ppbV	98
88) 1,2,3-trichloropropane	16.765	75	307027	10.590	ppbV	96
89) nonane	16.852	43	244463	10.402	ppbV	97
91) isopropylbenzene	17.157	105	845196	10.424	ppbV	99
92) bromobenzene	17.227	77	381472	10.408	ppbV	87
93) 2-chlorotoluene	17.540	126	225625	9.466	ppbV	92
94) n-propylbenzene	17.566	120	240656	9.946	ppbV	89
95) 4-chlorotoluene	17.601	126	212387	9.551	ppbV	92
96) 4-ethyl toluene	17.688	105	853776	11.275	ppbV	99
97) 1,3,5-trimethylbenzene	17.749	105	735758	11.535	ppbV	98
98) tert-butylbenzene	18.074	119	813962	10.613	ppbV	98
99) 1,2,4-trimethylbenzene	18.074	105	812920	11.927	ppbV	95
100) decane	18.154	57	342526	11.326	ppbV	93
101) Benzyl Chloride	18.186	91	505117	10.376	ppbV	99
102) 1,3-dichlorobenzene	18.202	146	632807	11.695	ppbV	99
103) 1,4-dichlorobenzene	18.257	146	637743	12.302	ppbV	99
104) sec-butylbenzene	18.289	105	1061218	10.871	ppbV	99
106) p-isopropyltoluene	18.417	119	1045645	11.294	ppbV	99
107) 1,2-dichlorobenzene	18.529	146	611033	11.946	ppbV	99
108) n-butylbenzene	18.744	91	909262	12.161	ppbV	100
111) 1,2-dibromo-3-chloropr...	18.888	75	208704	10.285	ppbV	97
112) undecane	19.144	57	511670	11.121	ppbV	96
114) dodecane	20.023	57	365756	12.105	ppbV	94
115) 1,2,4-trichlorobenzene	19.964	180	502836	11.170	ppbV	98
116) naphthalene	20.069	128	957369	10.380	ppbV	100
117) 1,2,3-trichlorobenzene	20.309	180	424745	9.648	ppbV	97
119) hexachlorobutadiene	20.379	225	411104	10.457	ppbV	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedR237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-2,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

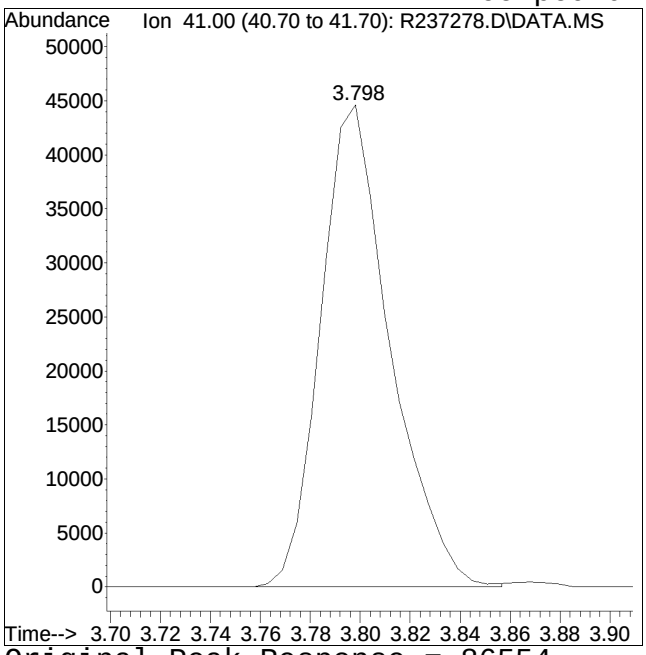


Manual Integration Report

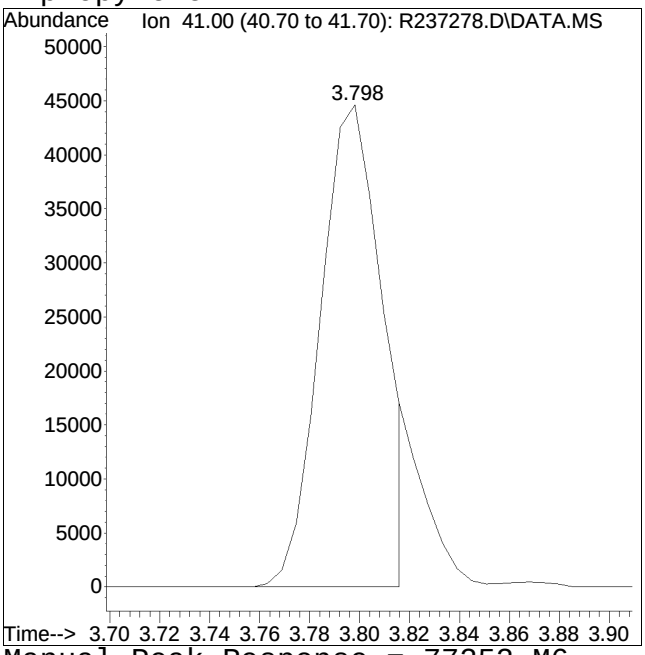
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237278.D
Date Inj'd : 12/11/2025 3:40 pm
Sample : WG2152814-2,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/11/2025 4:29 pm

Compound #3: propylene



Original Peak Response = 86554



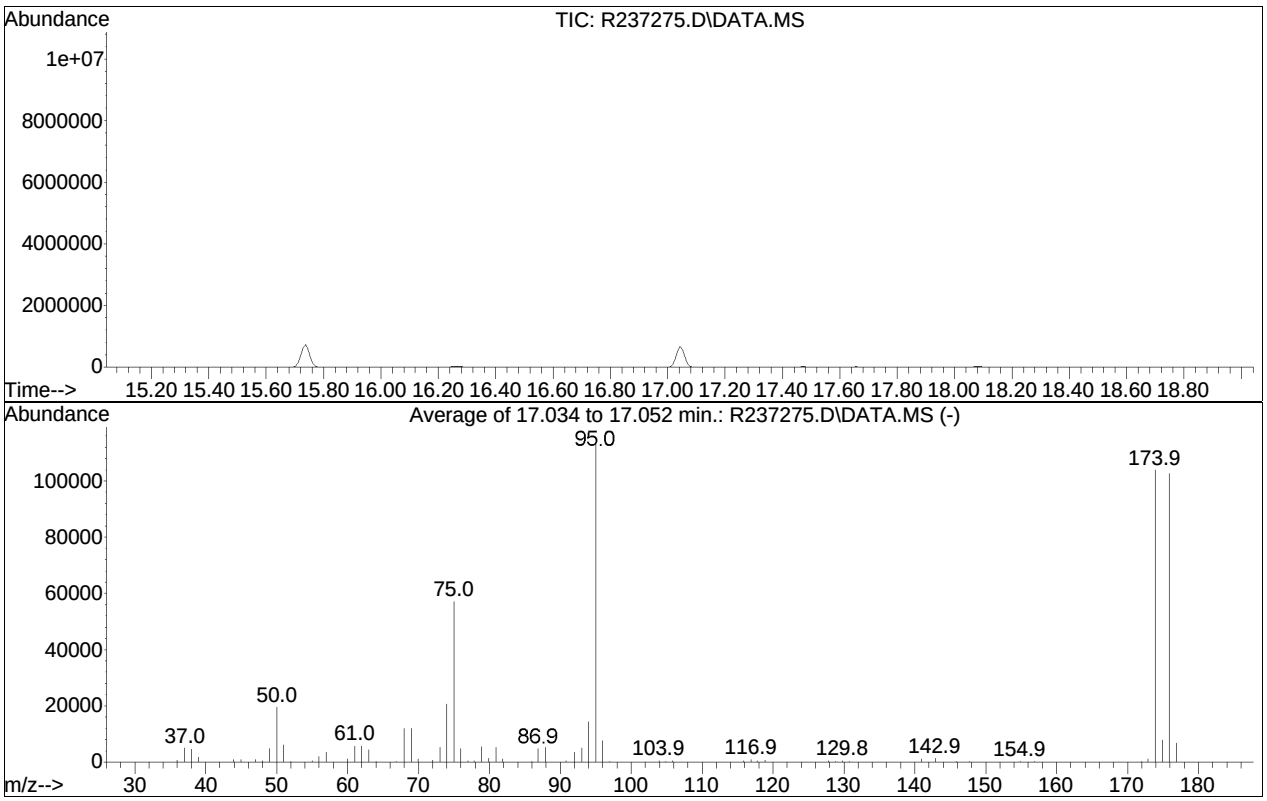
Manual Peak Response = 77252 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237275.D
Acq On : 11 Dec 2025 01:39 pm
Operator : AIRLAB23:APR
Sample : WG2152814-1
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025



AutoFind: Scans 1841, 1842, 1843; Background Corrected with Scan 1834

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.3	19656	PASS
75	95	30	66	50.3	57131	PASS
95	95	100	100	100.0	113648	PASS
96	95	5	9	6.8	7722	PASS
173	174	0.00	2	1.0	1087	PASS
174	95	50	120	91.5	104040	PASS
175	174	4	9	7.7	7988	PASS
176	174	93	101	98.7	102709	PASS
177	176	5	9	6.5	6693	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	174725	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 105.10%			
43) 1,4-difluorobenzene	11.050	114	650006	10.000	ppbV	-0.01
Standard Area = 589128			Recovery = 110.33%			
67) chlorobenzene-D5	15.738	54	94036	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 110.98%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.022	31	238	0.035	ppbV #	66
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.537	43	2070	0.121	ppbV #	95
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	0.000		0	N.D.		
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.499	49	618	0.041	ppbV #	78
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	6.807		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	0.000		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	0.000		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	0.000		0	N.D.		
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	0.000		0	N.D.		
83) m+p-xylene	0.000		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	0.000		0	N.D.		
97) 1,3,5-trimethylbenzene	0.000		0	N.D.		
99) 1,2,4-trimethylbenzene	0.000		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

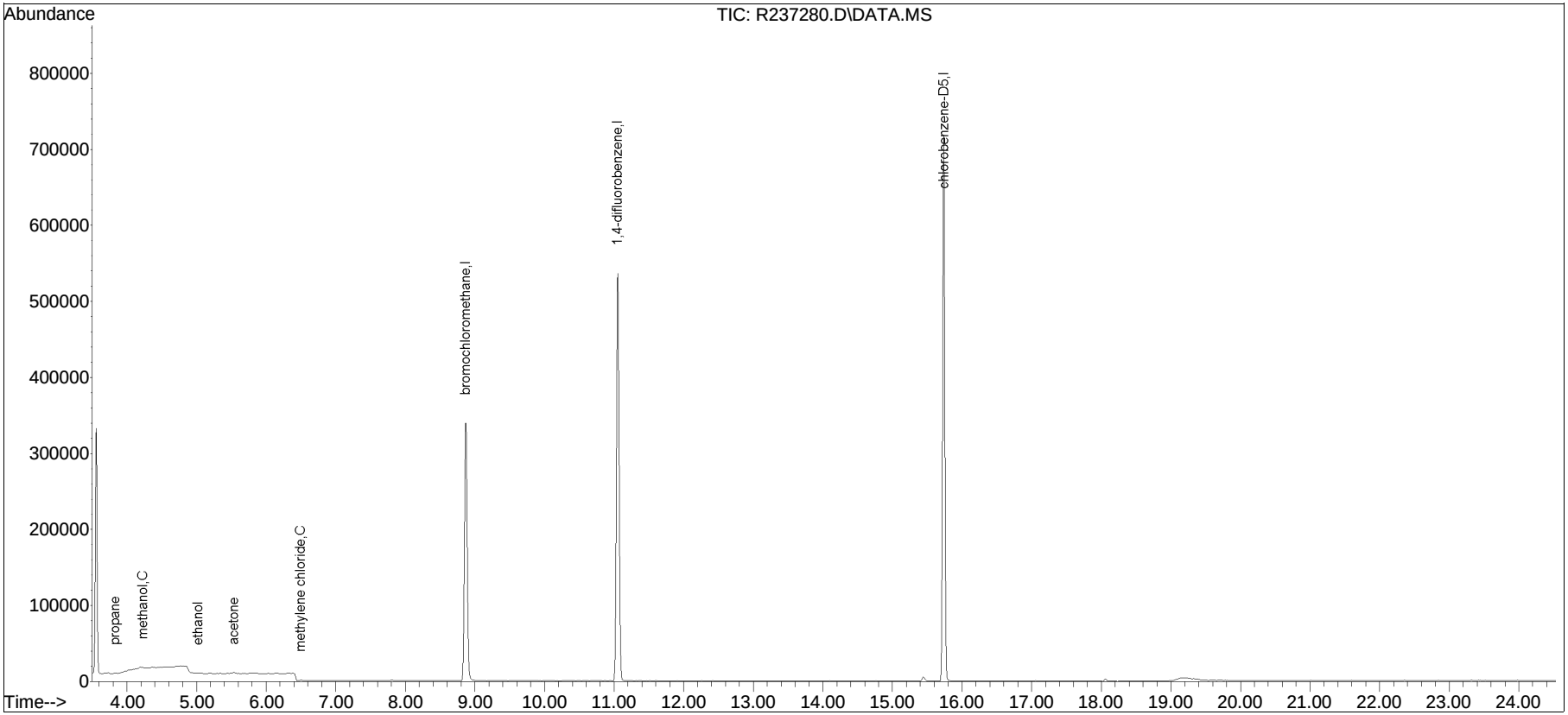
CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

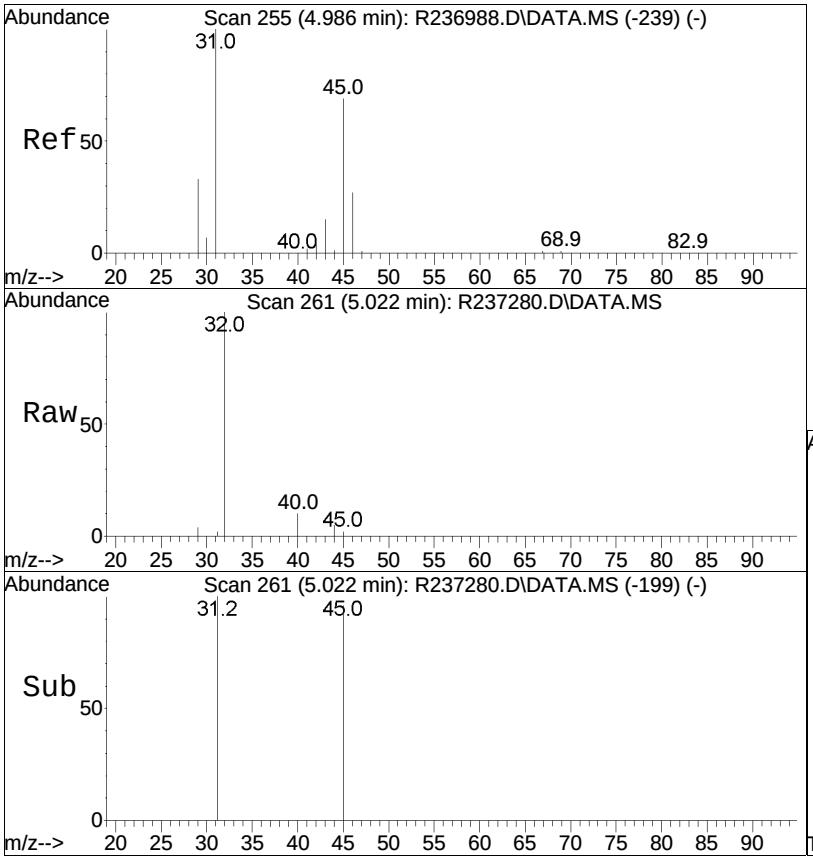
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listedR237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237280.D
Acq On : 11 Dec 2025 07:28 pm
Operator : AIRLAB23:APR
Sample : WG2152814-4,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:11:12 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 12 09:04:16 2025
Response via : Initial Calibration

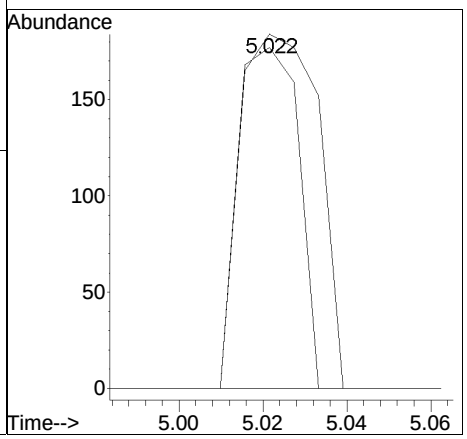


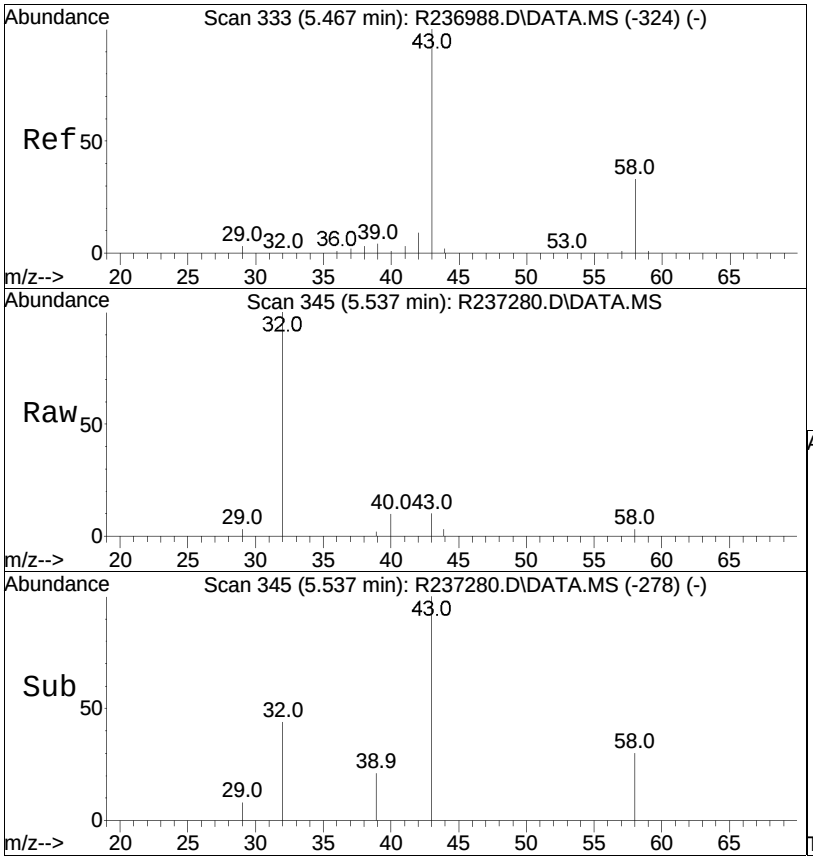


#15
ethanol
Concen: 0.04 ppbV
RT: 5.022 min Scan# 261
Delta R.T. 0.036 min
Lab File: R237280.D
Acq: 11 Dec 2025 07:28 pm

Tgt Ion: 31 Resp: 238

Ion	Ratio	Lower	Upper
31	100		
45	96.2	55.0	82.6#

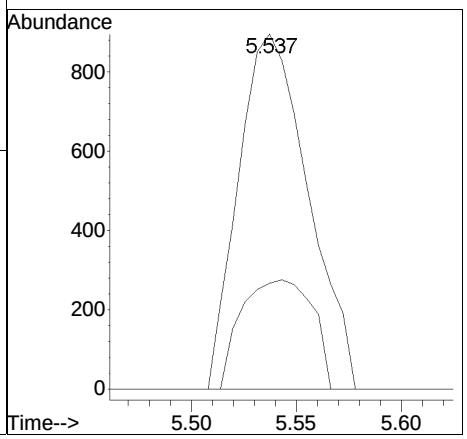


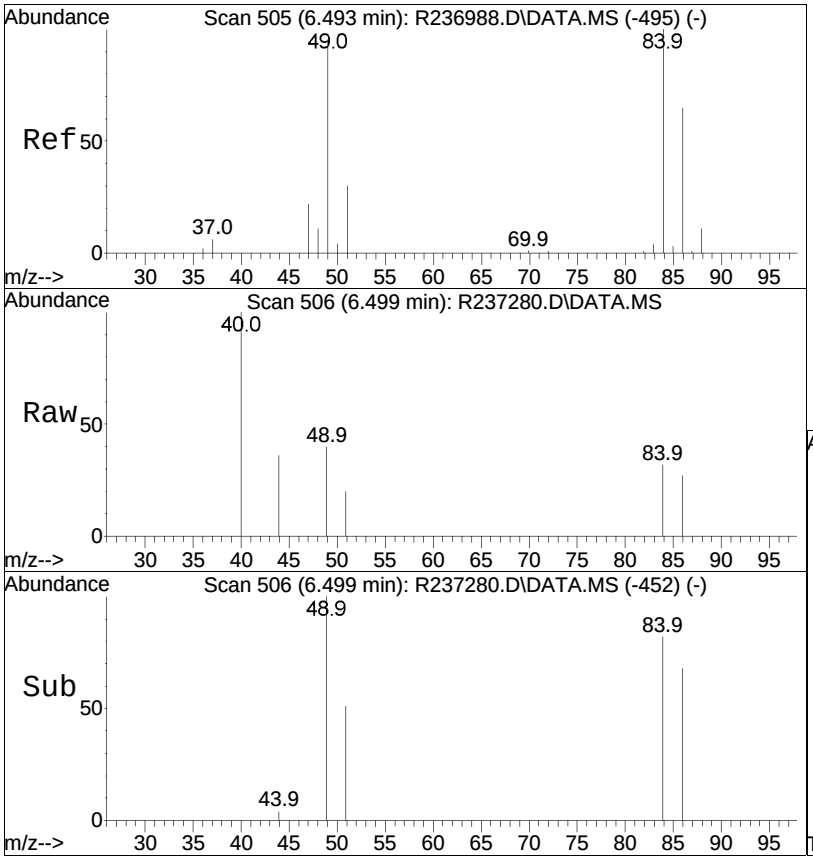


#19
acetone
Concen: 0.12 ppbV
RT: 5.537 min Scan# 345
Delta R.T. 0.070 min
Lab File: R237280.D
Acq: 11 Dec 2025 07:28 pm

Tgt Ion: 43 Resp: 2070

Ion	Ratio	Lower	Upper
43	100		
58	29.8	26.2	39.4
57	0.0	0.7	1.1#

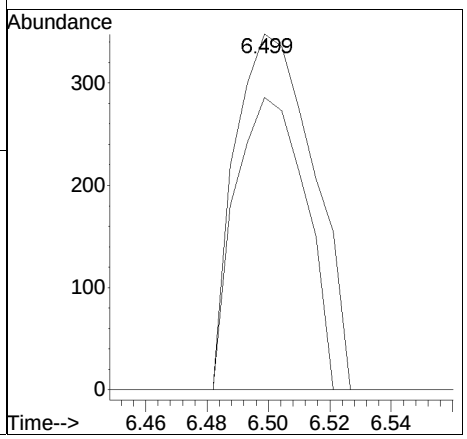




#28
methylene chloride
Concen: 0.04 ppbV
RT: 6.499 min Scan# 506
Delta R.T. 0.006 min
Lab File: R237280.D
Acq: 11 Dec 2025 07:28 pm

Tgt Ion: 49 Resp: 618

Ion	Ratio	Lower	Upper
49	100		
84	82.2	83.7	125.5#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab23\20	QMethod	: TFS23_251121.M
Data File	: R237280.D	Operator	: AIRLAB23:APR
Date Inj'd	: 12/11/2025 7:28 pm	Instrument	: Airlab 23
Sample	: WG2152814-4,3,250,250	Quant Date	: 12/12/2025 9:11 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	77	0.00
2		chlorodifluoromethane	10.000	11.512	-15.1	96	0.01
3		propylene	10.000	11.449	-14.5	103	0.01
4		propane	10.000	9.186	8.1	76	0.01
5		dichlorodifluoromethane	10.000	10.296	-3.0	84	0.01
6	C	chloromethane	10.000	10.551	-5.5	85	0.01
7		Freon-114	10.000	11.107	-11.1	88	0.01
8	C	methanol	50.000	39.168	21.7	62	0.00
9	C	vinyl chloride	10.000	10.937	-9.4	88	0.01
10	C	1,3-butadiene	10.000	10.907	-9.1	94	0.01
11		butane	10.000	9.642	3.6	78	0.01
13	C	bromomethane	10.000	11.232	-12.3	89	0.01
14	C	chloroethane	10.000	11.152	-11.5	87	0.01
15		ethanol	50.000	40.112	19.8	63	0.00
16		dichlorofluoromethane	10.000	9.209	7.9	76	0.00
17	C	vinyl bromide	10.000	9.892	1.1	85	0.01
18	C	acrolein	10.000	8.428	15.7	67	0.01
19		acetone	50.000	49.509	1.0	87	0.01
20	C	acetonitrile	10.000	8.269	17.3	72	0.00
21		trichlorofluoromethane	10.000	9.320	6.8	75	0.01
22		isopropyl alcohol	25.000	20.312	18.8	74	0.00
23	C	acrylonitrile	10.000	8.957	10.4	74	0.00
24		pentane	10.000	9.028	9.7	75	0.01
25		ethyl ether	10.000	7.953	20.5	67	0.00
26	C	1,1-dichloroethene	10.000	10.952	-9.5	85	0.00
27		tertiary butyl alcohol	10.000	6.131	38.7#	53	0.00
28	C	methylene chloride	10.000	9.942	0.6	84	0.00
29	C	3-chloropropene	10.000	9.799	2.0	88	0.00
30	C	carbon disulfide	10.000	10.236	-2.4	89	0.01
31		Freon 113	10.000	9.442	5.6	78	0.00
32		trans-1,2-dichloroethene	10.000	10.297	-3.0	87	0.00
33	C	1,1-dichloroethane	10.000	10.243	-2.4	81	0.00
34	C	MTBE	10.000	9.727	2.7	83	0.00
35	C	vinyl acetate	10.000	6.158	38.4#	56	0.00
36	C	2-butanone	10.000	9.930	0.7	84	0.00
37		cis-1,2-dichloroethene	10.000	10.154	-1.5	81	0.00
38		Ethyl Acetate	10.000	10.917	-9.2	92	0.00
39	C	chloroform	10.000	9.564	4.4	78	0.00
40		Tetrahydrofuran	10.000	10.176	-1.8	94	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	8.697	13.0	69	0.00
42	C	1,2-dichloroethane	10.000	9.659	3.4	77	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	66	0.00
44	C	hexane	10.000	12.443	-24.4	92	0.00
45		diisopropyl ether	10.000	10.743	-7.4	71	0.00
46		tert-butyl ethyl ether	10.000	10.879	-8.8	72	0.00
48	C	1,1,1-trichloroethane	10.000	10.604	-6.0	72	0.00
49		1,1-dichloropropene	10.000	11.384	-13.8	75	0.00
50	C	benzene	10.000	11.582	-15.8	77	0.00
52	C	carbon tetrachloride	10.000	10.320	-3.2	71	0.00
53		cyclohexane	10.000	12.213	-22.1	90	0.00
54		tert-amyl methyl ether	10.000	10.604	-6.0	71	0.00
55		dibromomethane	10.000	10.592	-5.9	70	0.00
56	C	1,2-dichloropropane	10.000	12.406	-24.1	84	0.00
57		bromodichloromethane	10.000	11.981	-19.8	85	0.00
58	C	1,4-dioxane	10.000	11.849	-18.5	84	0.00
59	C	trichloroethene	10.000	10.165	-1.6	69	0.00
60	C	2,2,4-trimethylpentane	10.000	12.547	-25.5	91	0.00
61		methyl methacrylate	10.000	10.004	-0.0	69	0.00
62		heptane	10.000	12.161	-21.6	90	0.00
63	C	cis-1,3-dichloropropene	10.000	12.875	-28.7	84	0.00
64	C	4-methyl-2-pentanone	10.000	11.885	-18.8	83	0.00
65		trans-1,3-dichloropropene	10.000	14.343	-43.4#	91	0.00
66	C	1,1,2-trichloroethane	10.000	11.307	-13.1	75	0.00
67	I	chlorobenzene-D5	10.000	10.000	0.0	66	0.00
68	C	toluene	10.000	11.043	-10.4	75	0.00
71		1,3-dichloropropane	10.000	10.614	-6.1	73	0.00
72		2-hexanone	10.000	11.335	-13.4	82	0.00
74		dibromochloromethane	10.000	11.035	-10.4	80	0.00
75	C	1,2-dibromoethane	10.000	11.389	-13.9	76	0.00
76		butyl acetate	10.000	10.637	-6.4	72	0.00
77		octane	10.000	10.629	-6.3	74	0.00
78	C	tetrachloroethene	10.000	9.472	5.3	66	0.00
79		1,1,1,2-tetrachloroethane	10.000	9.329	6.7	63	0.00
80	C	chlorobenzene	10.000	10.760	-7.6	73	0.00
81	C	ethylbenzene	10.000	10.963	-9.6	73	0.00
83	C	m+p-xylene	20.000	22.207	-11.0	76	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	9.967	0.3	73	0.00
85	C	styrene	10.000	10.981	-9.8	73	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	11.799	-18.0	80	0.00
87	C	o-xylene	10.000	11.187	-11.9	76	0.00
88		1,2,3-trichloropropane	10.000	10.590	-5.9	73	0.00
89		nonane	10.000	10.402	-4.0	74	0.00
91	C	isopropylbenzene	10.000	10.424	-4.2	69	0.00
92		bromobenzene	10.000	10.408	-4.1	72	0.00
93		2-chlorotoluene	10.000	9.466	5.3	66	0.00
94		n-propylbenzene	10.000	9.946	0.5	68	0.00
95		4-chlorotoluene	10.000	9.551	4.5	65	0.00
96		4-ethyl toluene	10.000	11.275	-12.8	81	0.00
97		1,3,5-trimethylbenzene	10.000	11.535	-15.4	77	0.00
98		tert-butylbenzene	10.000	10.613	-6.1	69	0.00
99		1,2,4-trimethylbenzene	10.000	11.927	-19.3	77	0.00
100		decane	10.000	11.326	-13.3	79	0.00
101	C	Benzyl Chloride	10.000	10.376	-3.8	68	0.00
102		1,3-dichlorobenzene	10.000	11.695	-17.0	80	0.00
103	C	1,4-dichlorobenzene	10.000	12.302	-23.0	81	0.00
104		sec-butylbenzene	10.000	10.871	-8.7	74	0.00
106		p-isopropyltoluene	10.000	11.294	-12.9	72	0.00
107		1,2-dichlorobenzene	10.000	11.946	-19.5	80	0.00
108		n-butylbenzene	10.000	12.161	-21.6	79	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	10.285	-2.9	67	0.00
112		undecane	10.000	11.121	-11.2	72	0.00
114		dodecane	10.000	12.105	-21.1	73	0.00
115	C	1,2,4-trichlorobenzene	10.000	11.170	-11.7	66	0.00
116		naphthalene	10.000	10.380	-3.8	58	0.00
117		1,2,3-trichlorobenzene	10.000	9.648	3.5	56	0.00
119	C	hexachlorobutadiene	10.000	10.457	-4.6	64	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	166247	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.060	114	589128	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 100.00%			
67) chlorobenzene-D5	15.738	54	84733	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.868	85	462814	10.296	ppbV	99
6) chloromethane	4.032	50	131541	10.551	ppbV	100
7) Freon-114	4.138	85	598497	11.107	ppbV	93
9) vinyl chloride	4.255	62	181055	10.937	ppbV	100
10) 1,3-butadiene	4.395	54	116111	10.907	ppbV	89
13) bromomethane	4.670	94	227071	11.232	ppbV	99
14) chloroethane	4.852	64	108251	11.152	ppbV	100
15) ethanol	4.992	31	257106	40.112	ppbV	86
17) vinyl bromide	5.221	106	151672	9.892	ppbV	99
19) acetone	5.478	43	803781	49.509	ppbV	94
21) trichlorofluoromethane	5.671	101	446917	9.320	ppbV	99
22) isopropyl alcohol	5.771	45	347097	20.312	ppbV	99
26) 1,1-dichloroethene	6.364	61	280410	10.952	ppbV	97
27) tertiary butyl alcohol	6.405	59	131455	6.131	ppbV	97
28) methylene chloride	6.499	49	143398	9.942	ppbV	97
29) 3-chloropropene	6.628	41	113835	9.799	ppbV	95
30) carbon disulfide	6.802	76	392929	10.236	ppbV	96
31) Freon 113	6.796	101	363349	9.442	ppbV	92
32) trans-1,2-dichloroethene	7.536	61	193044	10.297	ppbV	94
33) 1,1-dichloroethane	7.758	63	270183	10.243	ppbV	99
34) MTBE	7.818	73	385902	9.727	ppbV	97
36) 2-butanone	8.192	43	205873	9.930	ppbV	100
37) cis-1,2-dichloroethene	8.694	61	205800	10.154	ppbV	94
38) Ethyl Acetate	8.955	61	42334	10.917	ppbV	64
39) chloroform	9.029	83	358282	9.564	ppbV	99
40) Tetrahydrofuran	9.452	42	108956	10.176	ppbV	99
42) 1,2-dichloroethane	9.844	62	215090	9.659	ppbV	99
44) hexane	8.939	57	194856	12.443	ppbV	91

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
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Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,1-trichloroethane	10.129	97	384311	10.604	ppbV		97
50) benzene	10.645	78	497122	11.582	ppbV		99
52) carbon tetrachloride	10.815	117	410098	10.320	ppbV		100
53) cyclohexane	10.956	56	192027	12.213	ppbV		96
56) 1,2-dichloropropane	11.569	63	167075	12.406	ppbV		93
57) bromodichloromethane	11.795	83	388476	11.981	ppbV		99
58) 1,4-dioxane	11.833	88	113203	11.849	ppbV		96
59) trichloroethene	11.852	130	260538	10.165	ppbV		98
60) 2,2,4-trimethylpentane	11.899	57	607741	12.547	ppbV		95
62) heptane	12.200	43	180777	12.161	ppbV		96
63) cis-1,3-dichloropropene	12.840	75	297218	12.875	ppbV		96
64) 4-methyl-2-pentanone	12.874	43	256430	11.885	ppbV		97
65) trans-1,3-dichloropropene	13.458	75	262774	14.343	ppbV		96
66) 1,1,2-trichloroethane	13.649	97	240098	11.307	ppbV		98
68) toluene	13.975	91	647777	11.043	ppbV		100
72) 2-hexanone	14.267	43	238725	11.335	ppbV	#	95
74) dibromochloromethane	14.434	129	446219	11.035	ppbV		100
75) 1,2-dibromoethane	14.684	107	392736	11.389	ppbV		100
78) tetrachloroethene	15.151	166	348525	9.472	ppbV		95
80) chlorobenzene	15.773	112	531633	10.760	ppbV		97
81) ethylbenzene	16.112	91	822196	10.963	ppbV		97
83) m+p-xylene	16.260	91	1265088	22.207	ppbV		99
84) bromoform	16.330	173	404874	9.967	ppbV		100
85) styrene	16.574	104	491486	10.981	ppbV		100
86) 1,1,2,2-tetrachloroethane	16.661	83	489127	11.799	ppbV		99
87) o-xylene	16.661	91	644120	11.187	ppbV		98
96) 4-ethyl toluene	17.688	105	853776	11.275	ppbV		99
97) 1,3,5-trimethylbenzene	17.749	105	735758	11.535	ppbV		98
99) 1,2,4-trimethylbenzene	18.074	105	812920	11.927	ppbV		95
101) Benzyl Chloride	18.186	91	505117	10.376	ppbV		99
102) 1,3-dichlorobenzene	18.202	146	632807	11.695	ppbV		99
103) 1,4-dichlorobenzene	18.257	146	637743	12.302	ppbV		99
107) 1,2-dichlorobenzene	18.529	146	611033	11.946	ppbV		99
115) 1,2,4-trichlorobenzene	19.964	180	502836	11.170	ppbV		98
116) naphthalene	20.069	128	957369	10.380	ppbV		100
119) hexachlorobutadiene	20.379	225	411104	10.457	ppbV		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On : 11 Dec 2025 03:40 pm
Operator : AIRLAB23:APR
Sample : WG2152814-3,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

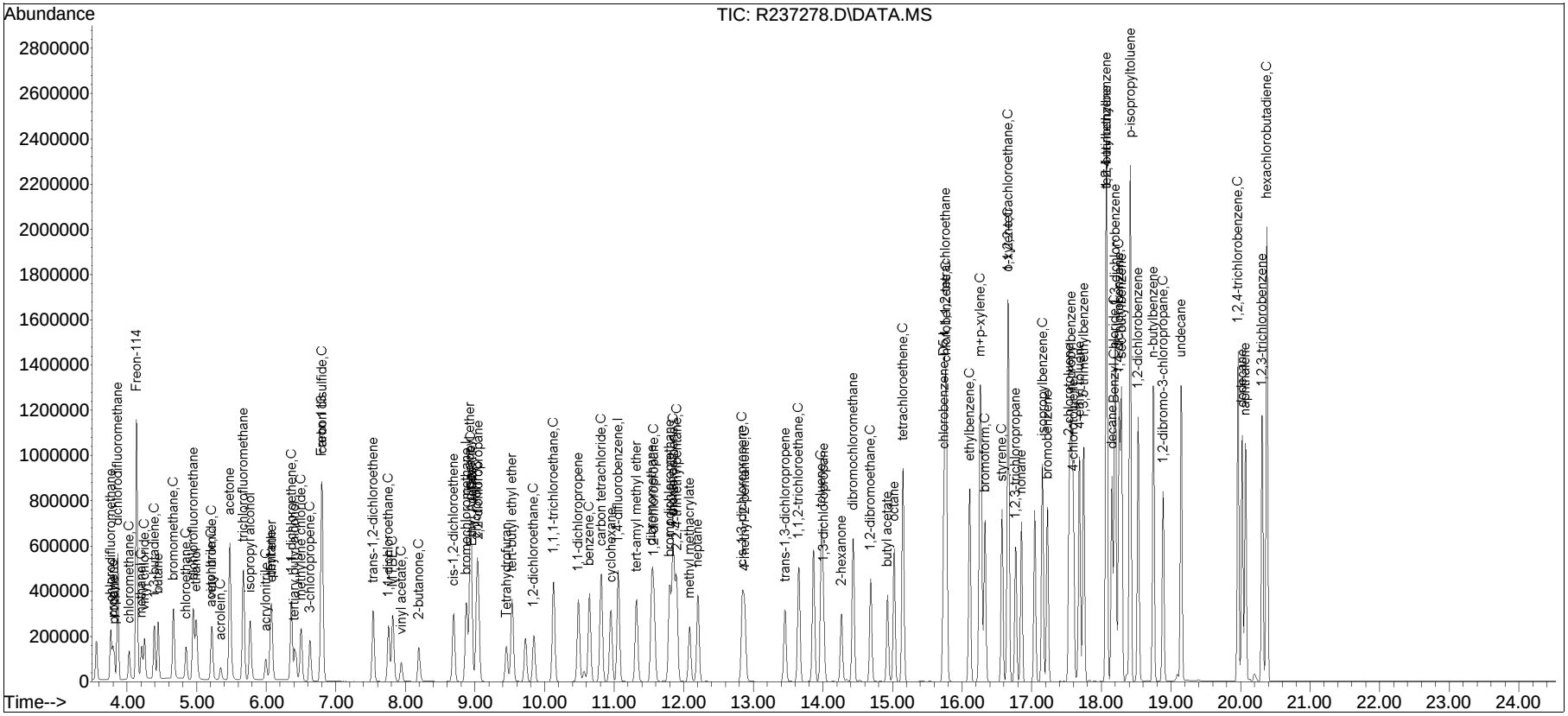
CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : Default-LCS-AP2 - All compounds listed

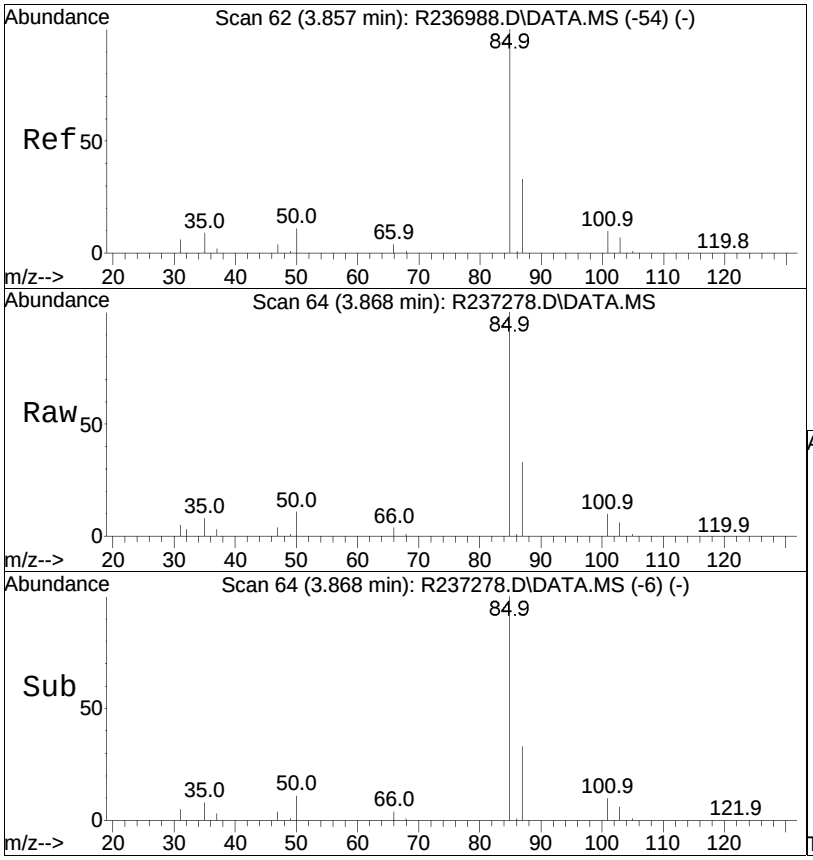
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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Sub List     : Default-LCS-AP2 - All compounds listedR237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237278.D
Acq On    : 11 Dec 2025  03:40 pm
Operator  : AIRLAB23:APR
Sample    : WG2152814-3,3,250,250
Misc      : WG2152814,ICAL22840
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Dec 11 16:29:19 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title  : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration
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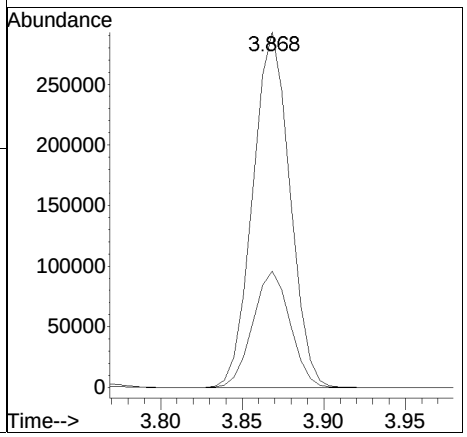


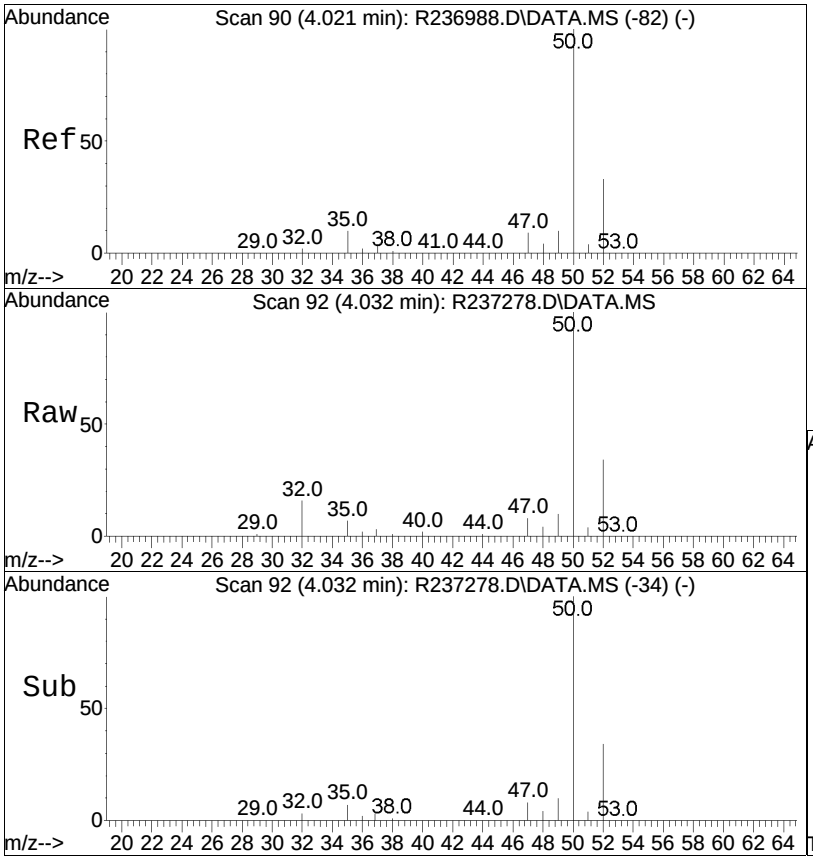


#5
dichlorodifluoromethane
Concen: 10.30 ppbV
RT: 3.868 min Scan# 64
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 85 Resp: 462814

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.8	40.2

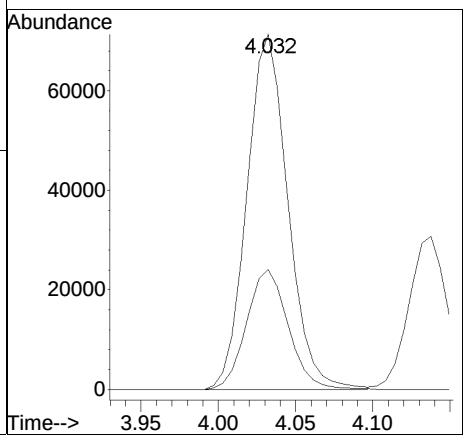


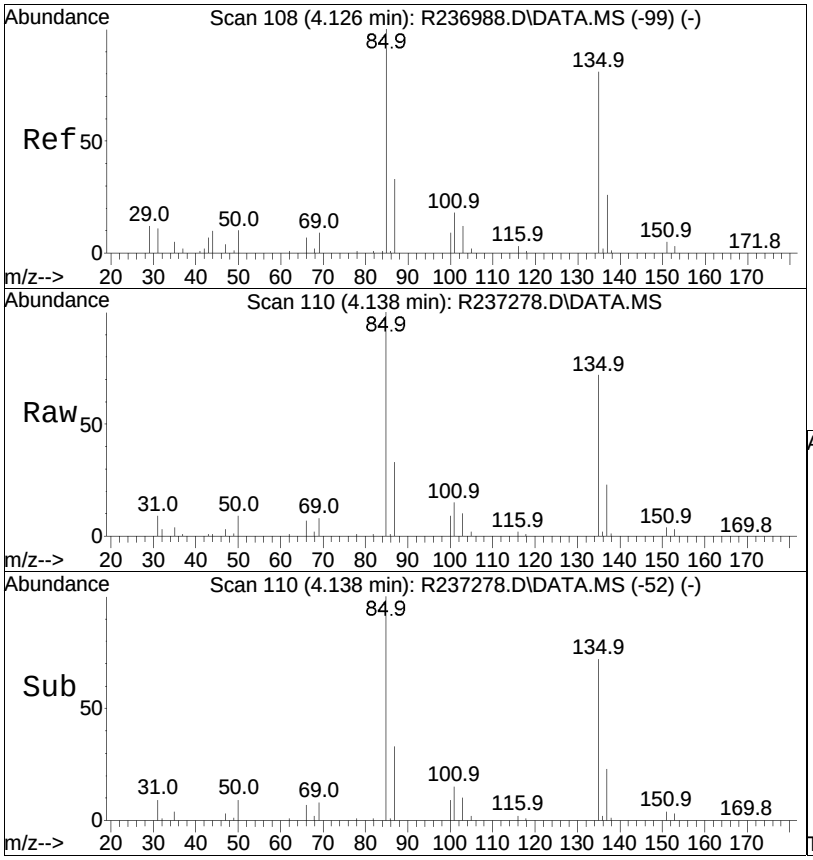


#6
chloromethane
Concen: 10.55 ppbV
RT: 4.032 min Scan# 92
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 50 Resp: 131541

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.8	40.2

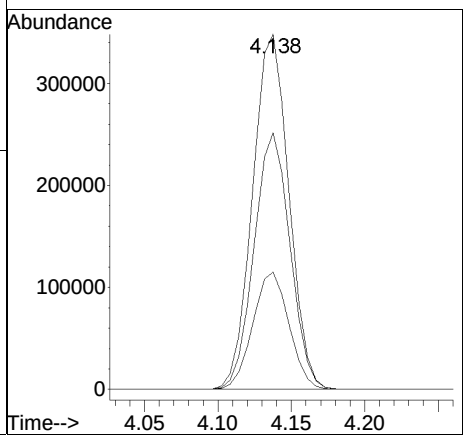


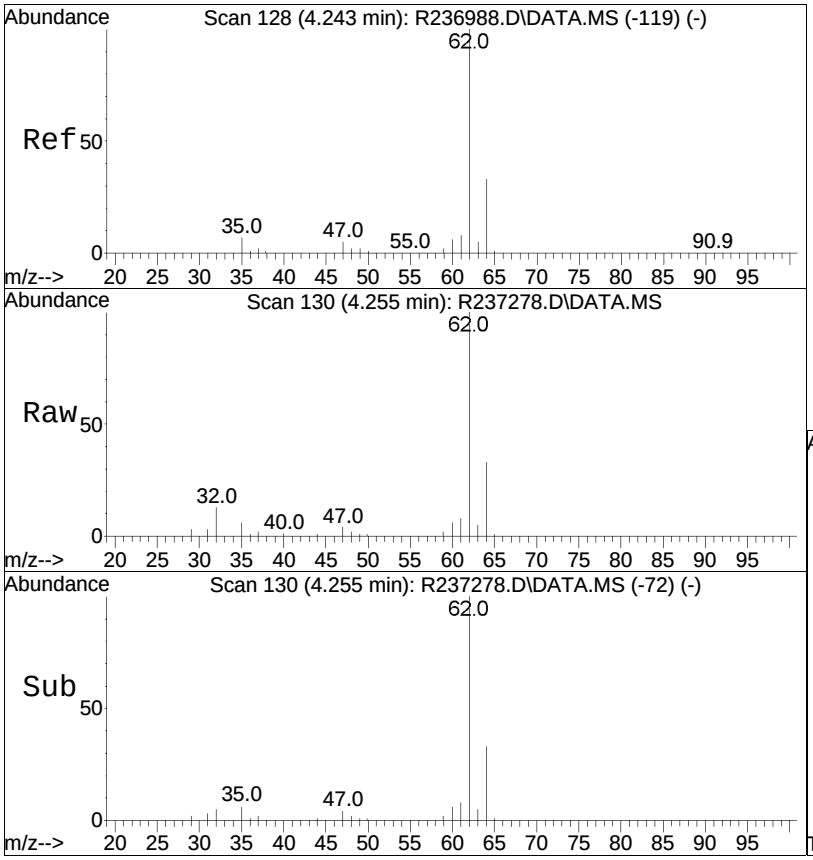


#7
Freon-114
Concen: 11.11 ppbV
RT: 4.138 min Scan# 110
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 85 Resp: 598497

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.5	39.7
135	72.3	64.6	97.0

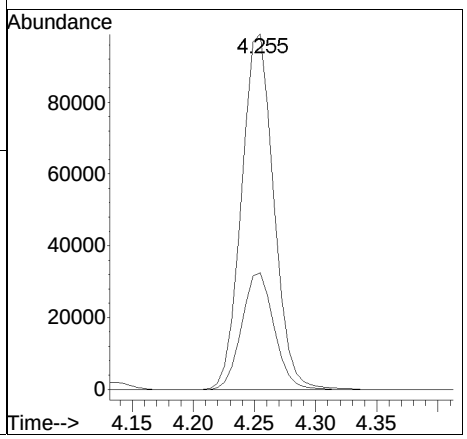


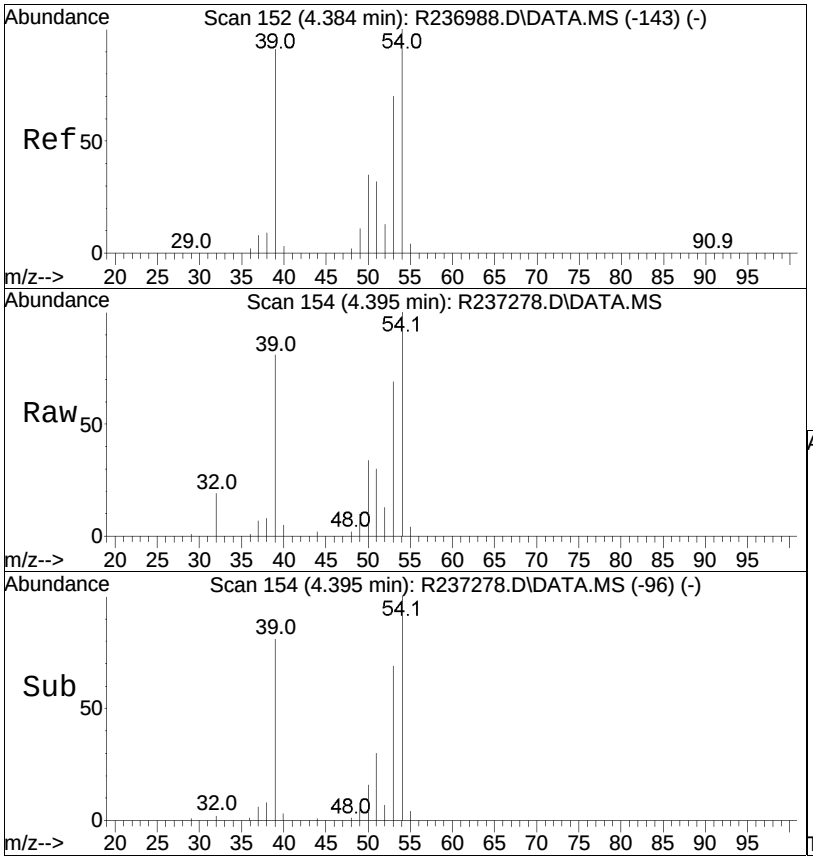


#9
vinyl chloride
Concen: 10.94 ppbV
RT: 4.255 min Scan# 130
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 62 Resp: 181055

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.1	39.1

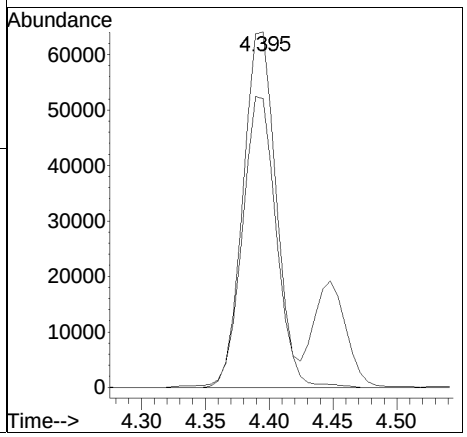


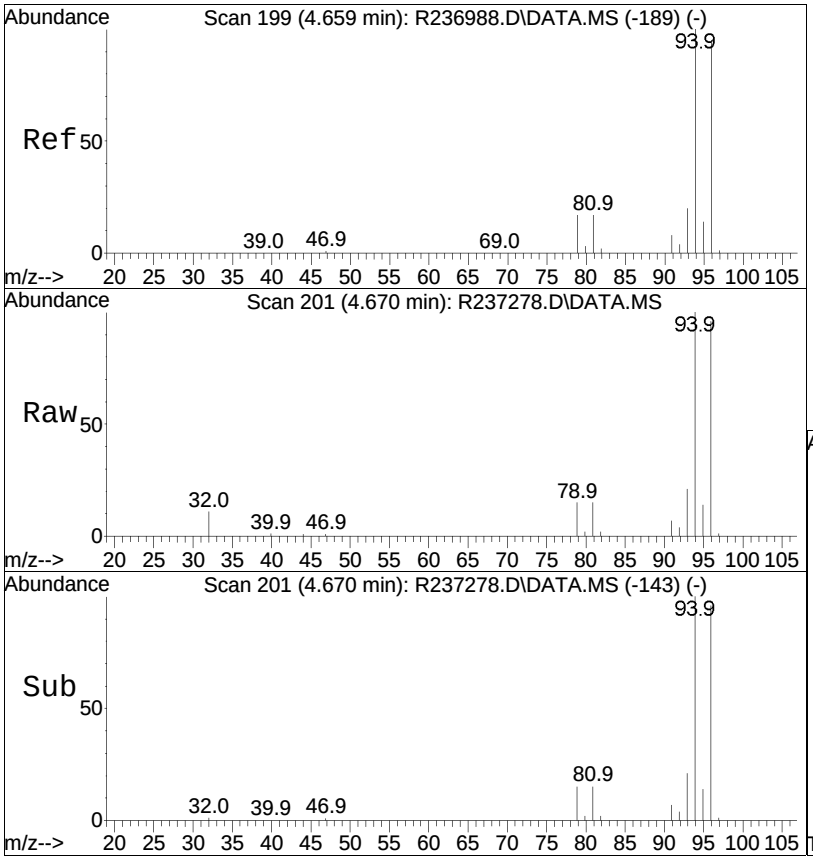


#10
1,3-butadiene
Concen: 10.91 ppbV
RT: 4.395 min Scan# 154
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 54 Resp: 116111

Ion	Ratio	Lower	Upper
54	100		
39	81.3	73.1	109.7

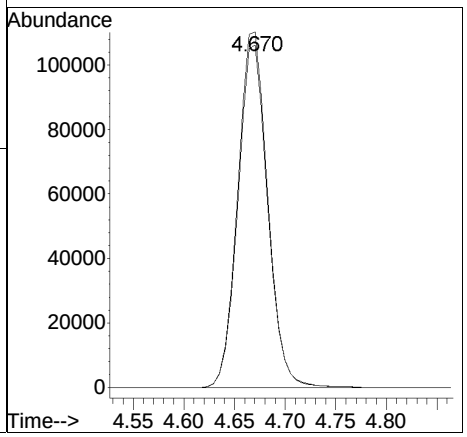


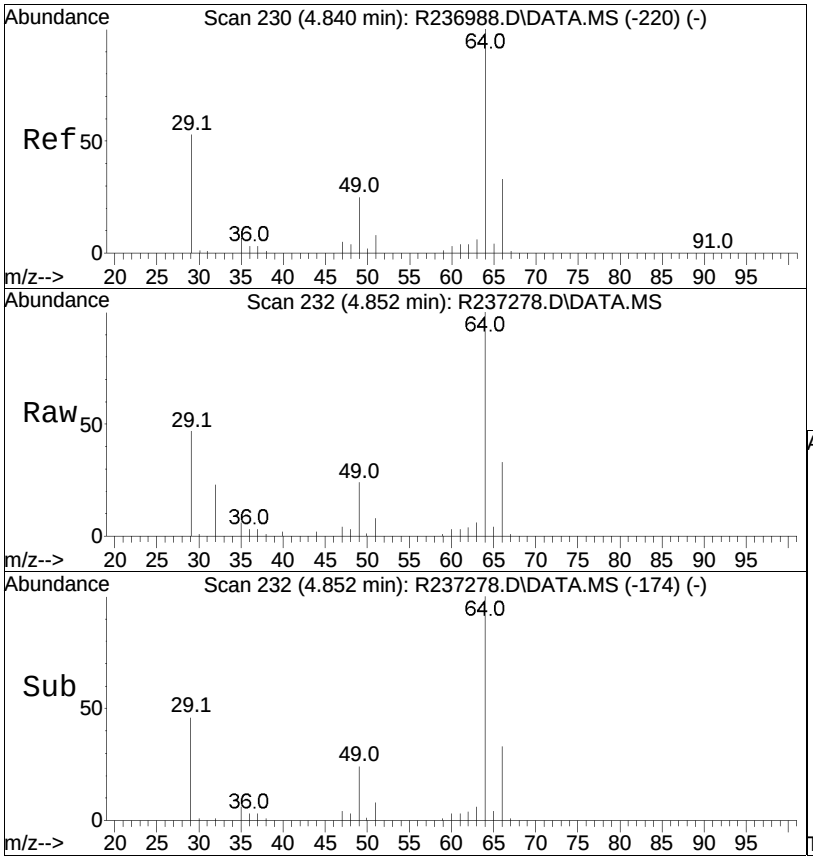


#13
bromomethane
Concen: 11.23 ppbV
RT: 4.670 min Scan# 201
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 94 Resp: 227071

Ion	Ratio	Lower	Upper
94	100		
96	96.4	76.1	114.1

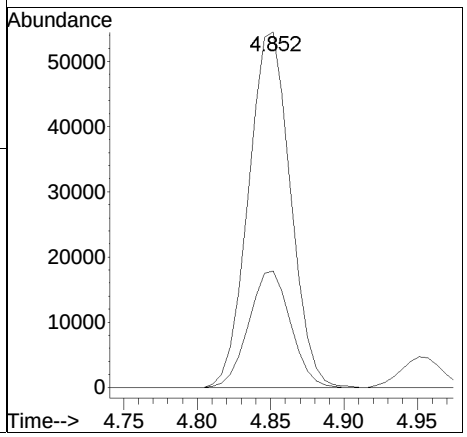


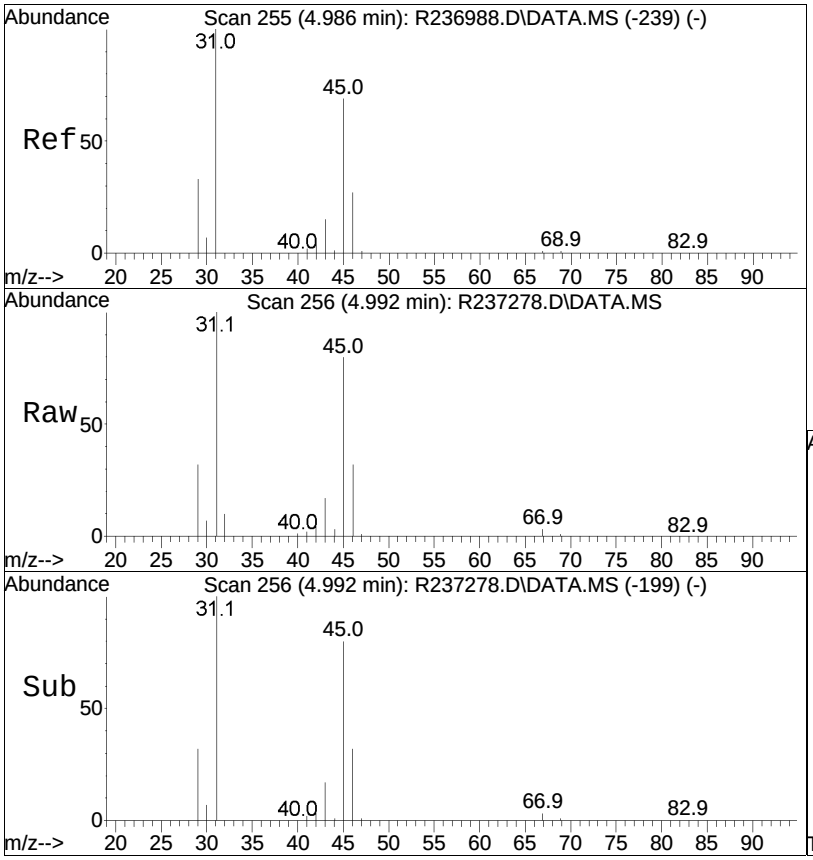


#14
chloroethane
Concen: 11.15 ppbV
RT: 4.852 min Scan# 232
Delta R.T. 0.012 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 64 Resp: 108251

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.0	39.0

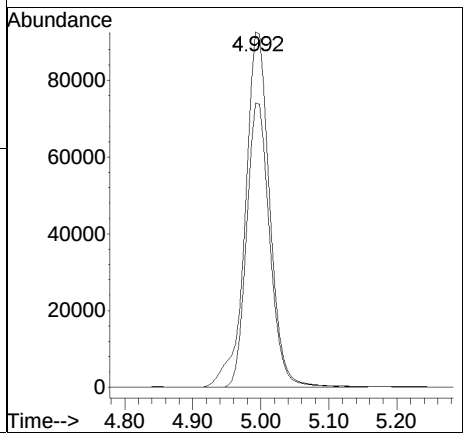


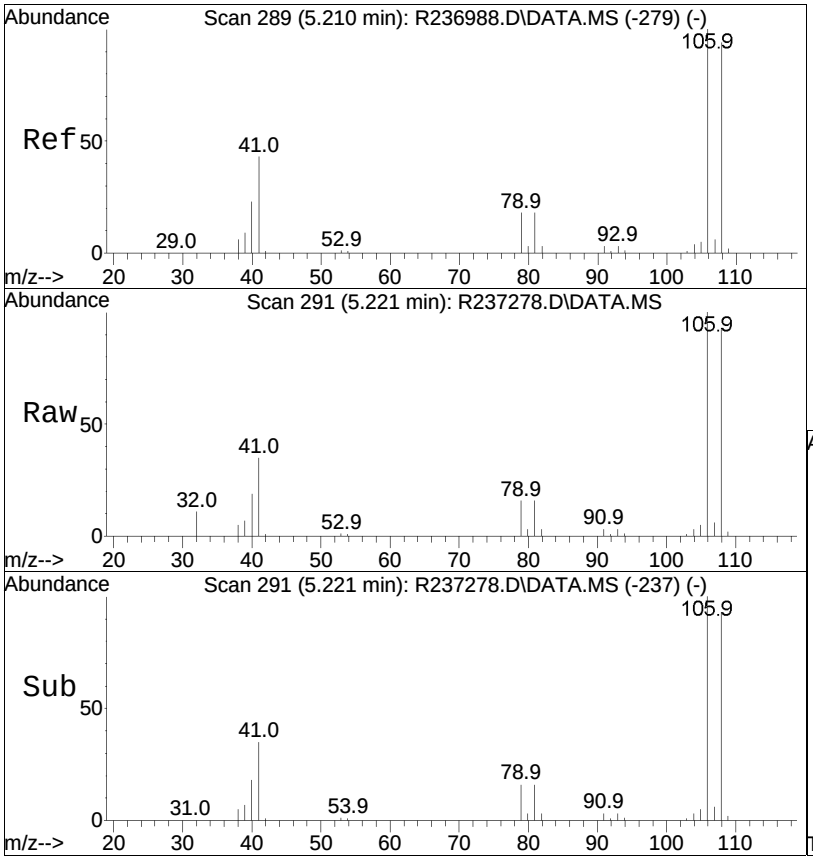


#15
ethanol
Concen: 40.11 ppbV
RT: 4.992 min Scan# 256
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 31 Resp: 257106

Ion	Ratio	Lower	Upper
31	100		
45	80.1	55.0	82.6

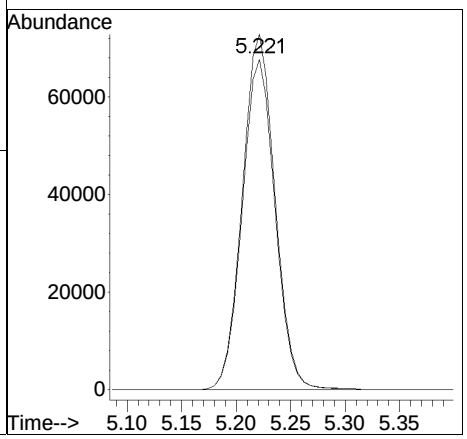


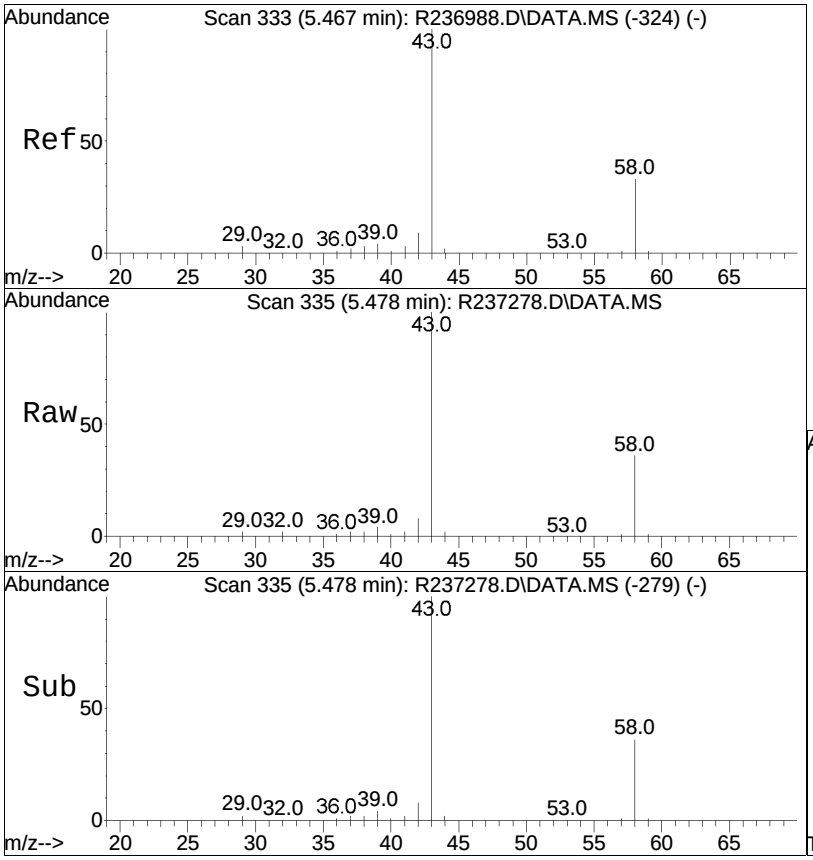


#17
vinyl bromide
Concen: 9.89 ppbV
RT: 5.221 min Scan# 291
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:106 Resp: 151672

Ion	Ratio	Lower	Upper
106	100		
108	92.9	75.4	113.2

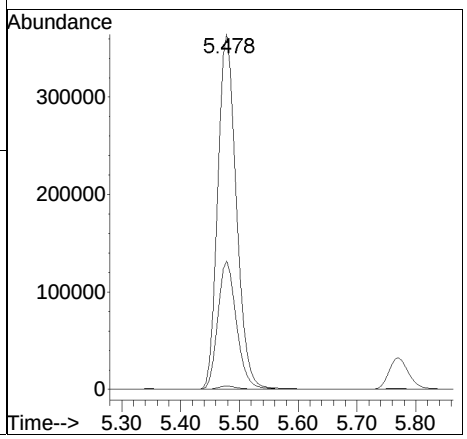


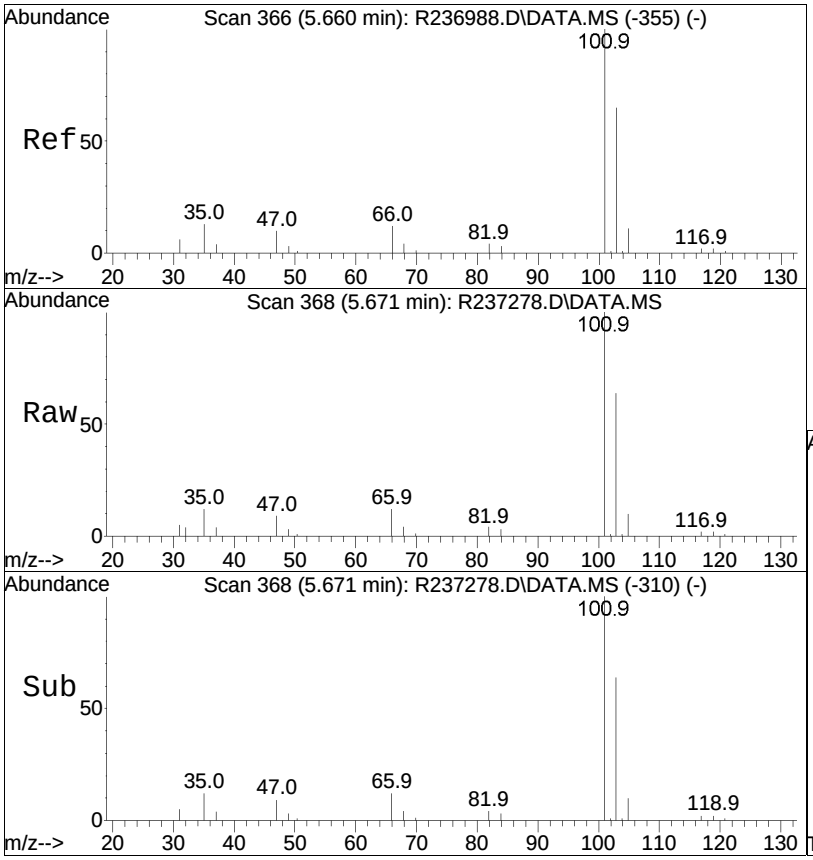


#19
acetone
Concen: 49.51 ppbV
RT: 5.478 min Scan# 335
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 803781

Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.2	39.4
57	0.9	0.7	1.1

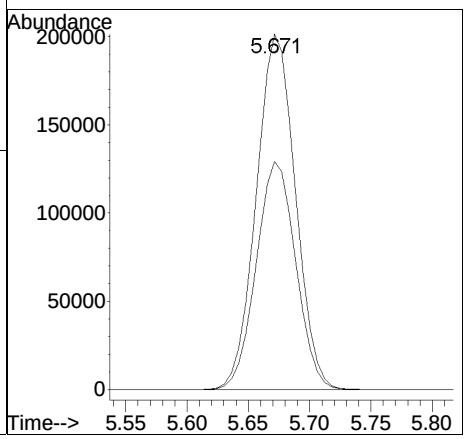


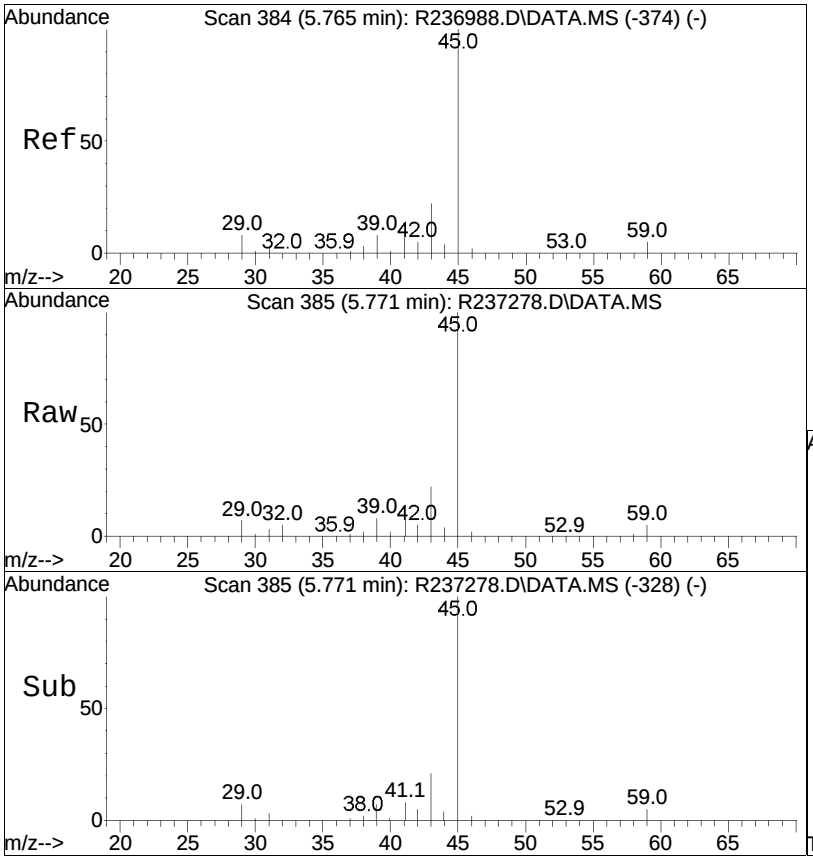


#21
trichlorofluoromethane
Concen: 9.32 ppbV
RT: 5.671 min Scan# 368
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:101 Resp: 446917

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.1	78.1

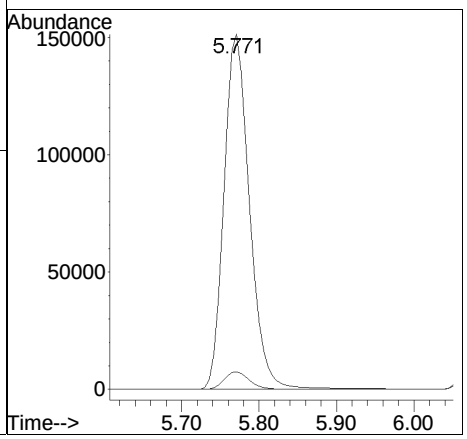


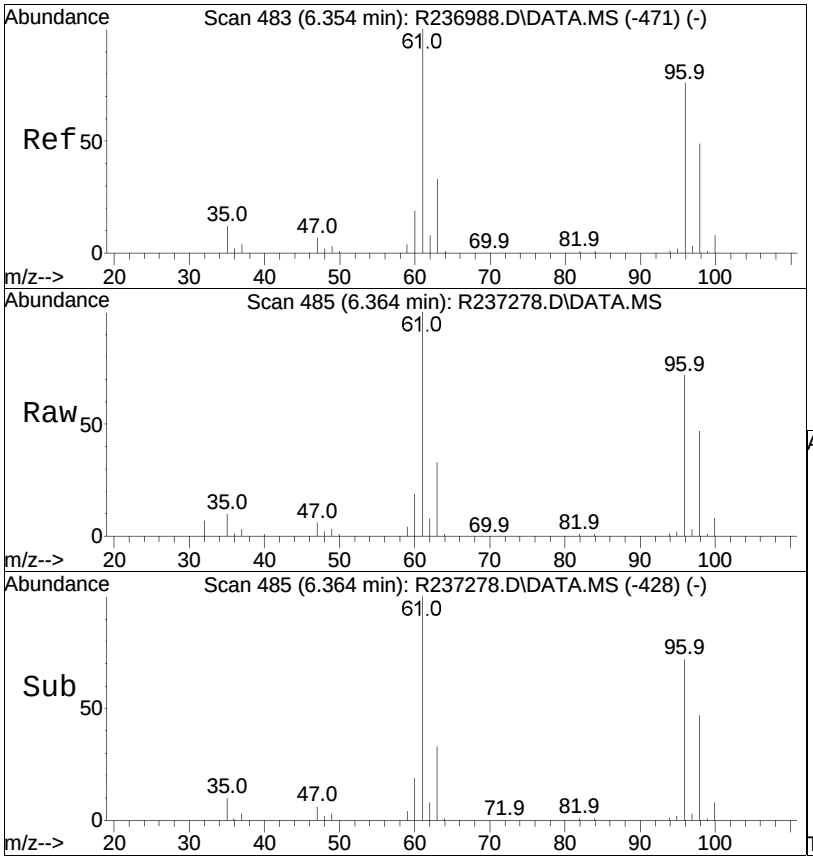


#22
isopropyl alcohol
Concen: 20.31 ppbV
RT: 5.771 min Scan# 385
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 45 Resp: 347097

Ion	Ratio	Lower	Upper
45	100		
59	5.0	3.8	5.6

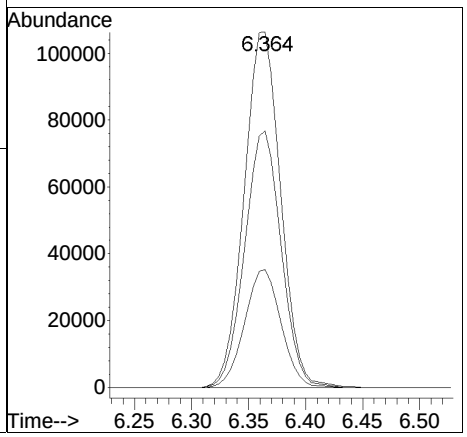


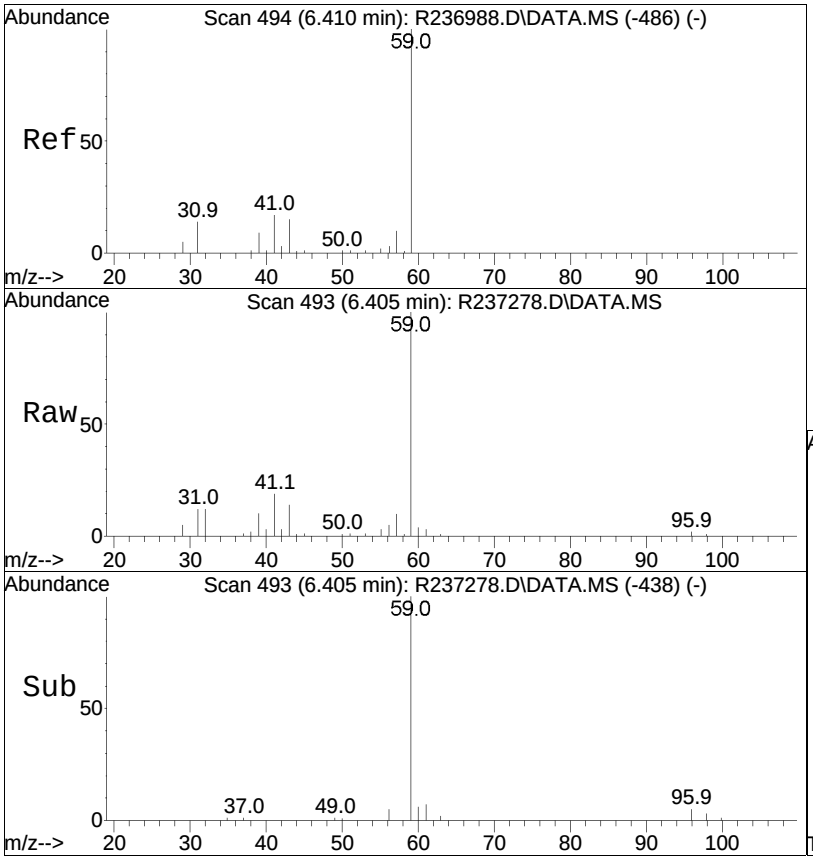


#26
1,1-dichloroethene
Concen: 10.95 ppbV
RT: 6.364 min Scan# 485
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 280410

Ion	Ratio	Lower	Upper
61	100		
96	72.1	60.8	91.2
63	33.1	26.6	40.0

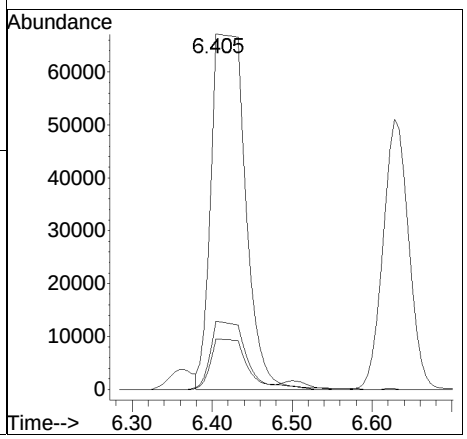


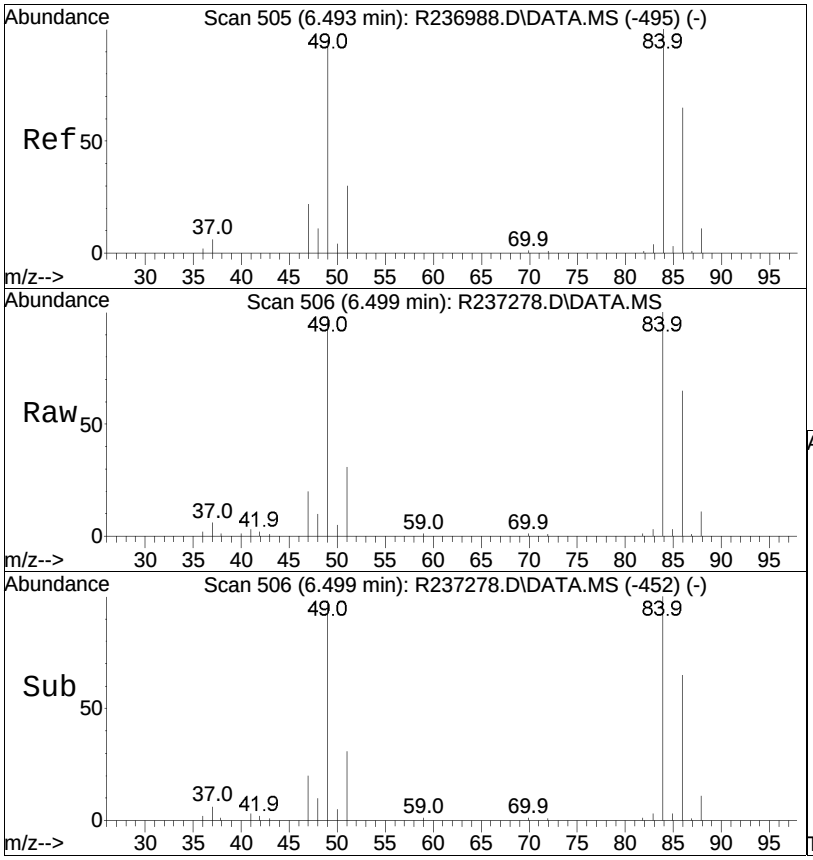


#27
tertiary butyl alcohol
Concen: 6.13 ppbV
RT: 6.405 min Scan# 493
Delta R.T. -0.005 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 59 Resp: 131455

Ion	Ratio	Lower	Upper
59	100		
41	19.2	13.6	20.4
43	14.2	11.7	17.5

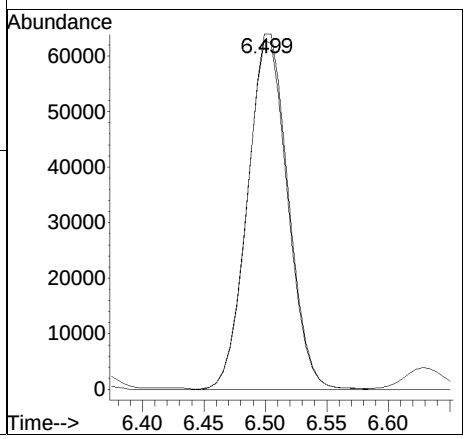


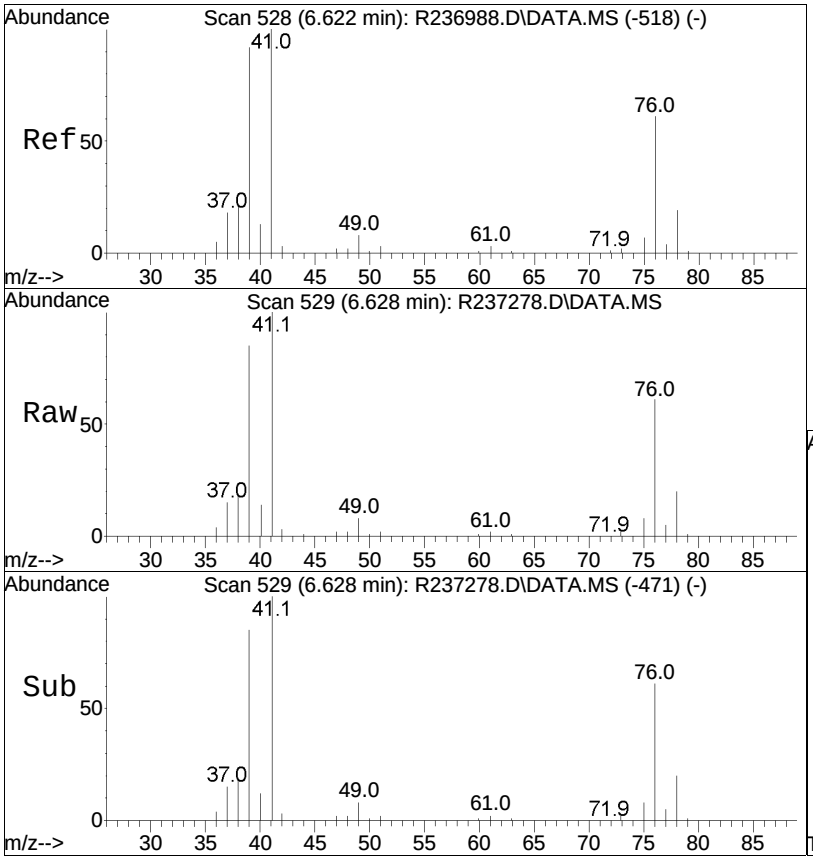


#28
methylene chloride
Concen: 9.94 ppbV
RT: 6.499 min Scan# 506
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 49 Resp: 143398

Ion	Ratio	Lower	Upper
49	100		
84	101.8	83.7	125.5

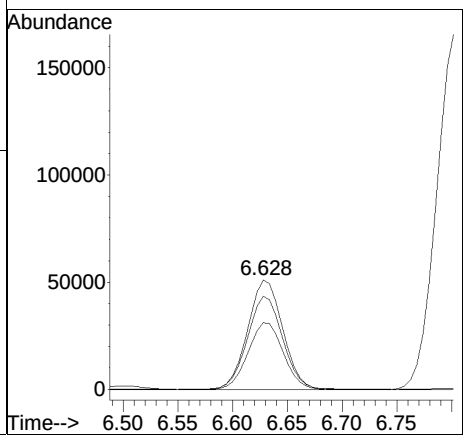


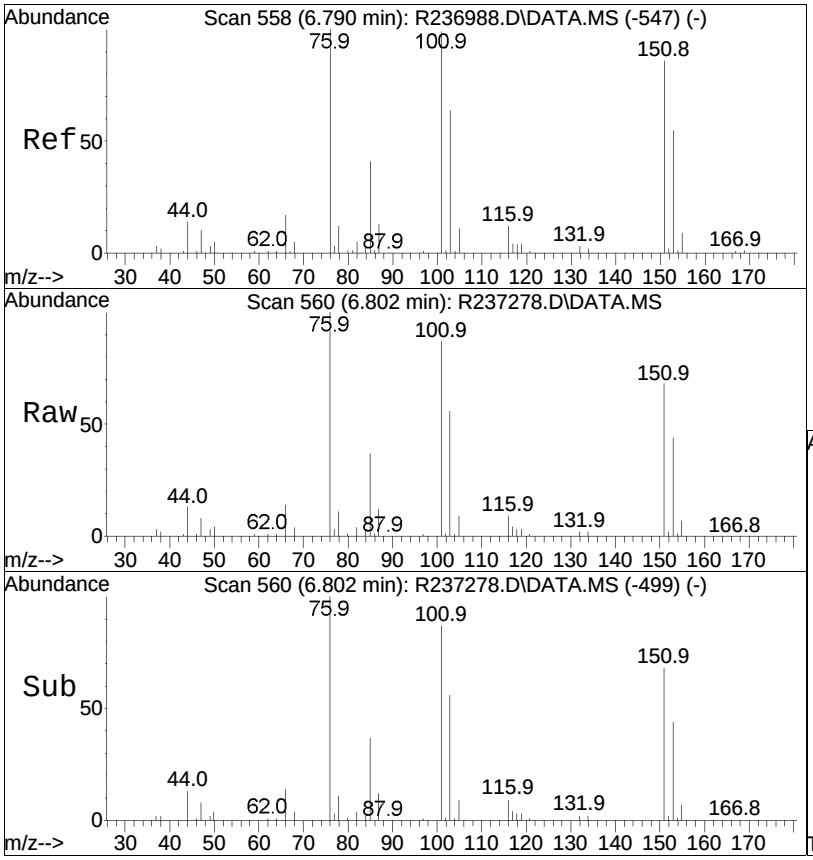


#29
3-chloropropene
Concen: 9.80 ppbV
RT: 6.628 min Scan# 529
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 41 Resp: 113835

Ion	Ratio	Lower	Upper
41	100		
39	85.1	73.8	110.8
76	61.0	48.8	73.2

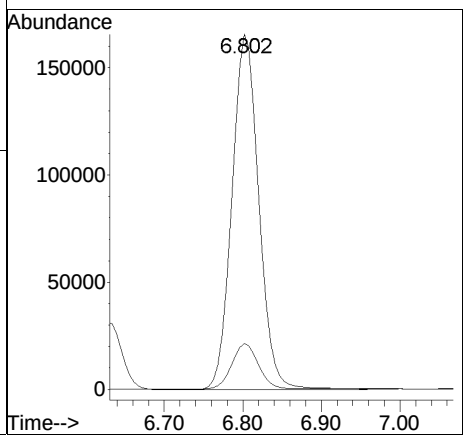


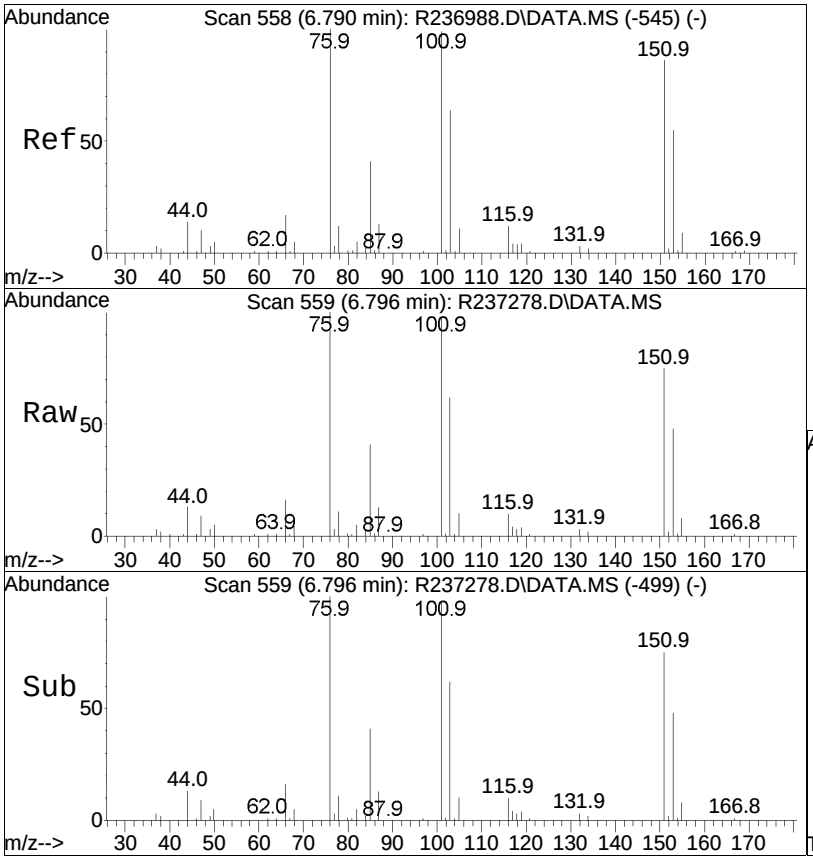


#30
carbon disulfide
Concen: 10.24 ppbV
RT: 6.802 min Scan# 560
Delta R.T. 0.011 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 76 Resp: 392929

Ion	Ratio	Lower	Upper
76	100		
44	12.9	11.5	17.3

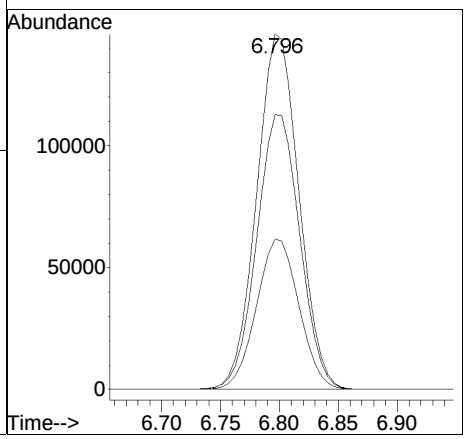


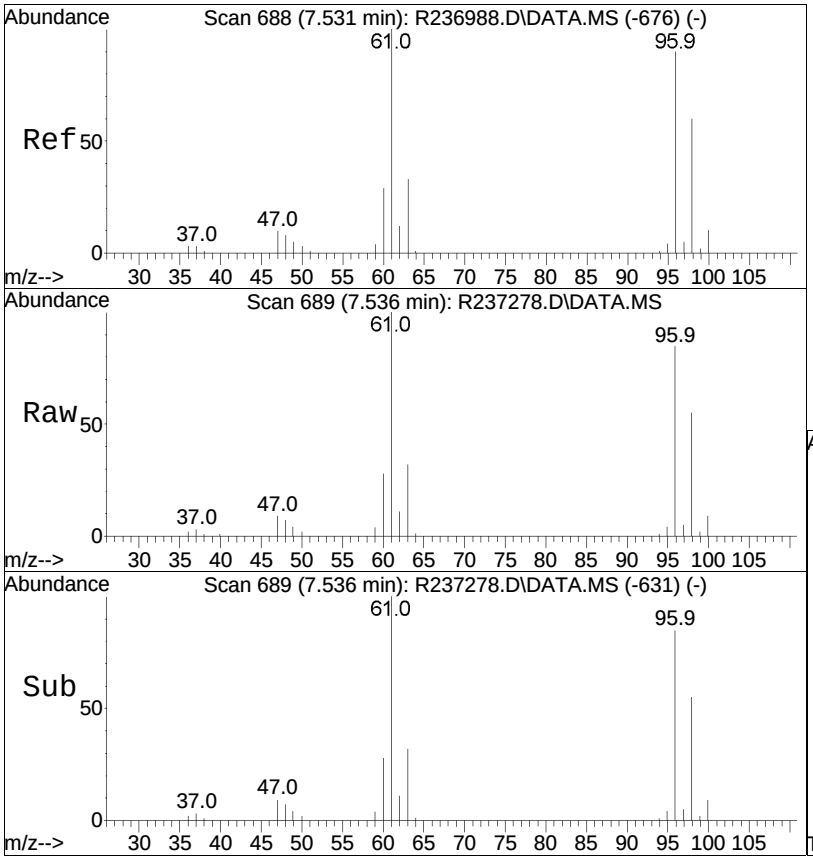


#31
Freon 113
Concen: 9.44 ppbV
RT: 6.796 min Scan# 559
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:101 Resp: 363349

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.0	49.6
151	77.3	69.8	104.8

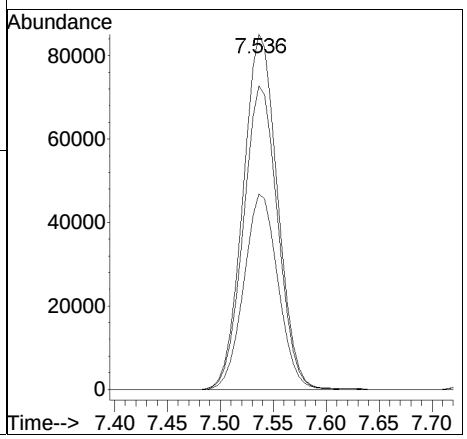


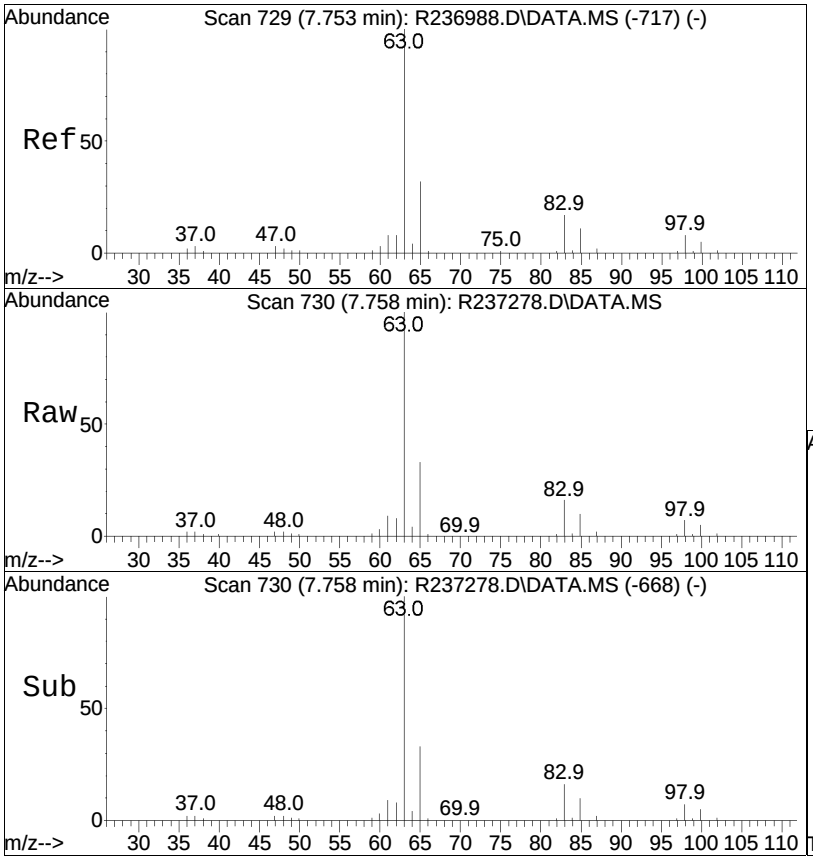


#32
trans-1,2-dichloroethene
Concen: 10.30 ppbV
RT: 7.536 min Scan# 689
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 193044

Ion	Ratio	Lower	Upper
61	100		
96	85.4	72.4	108.6
98	55.0	47.7	71.5

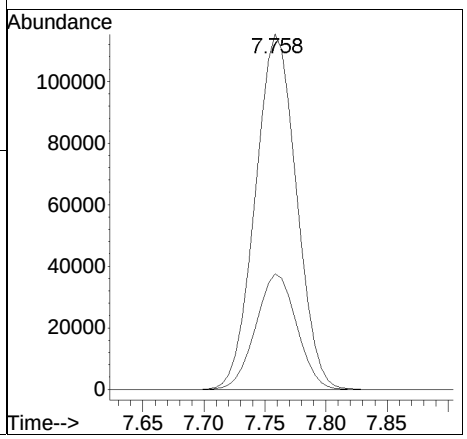


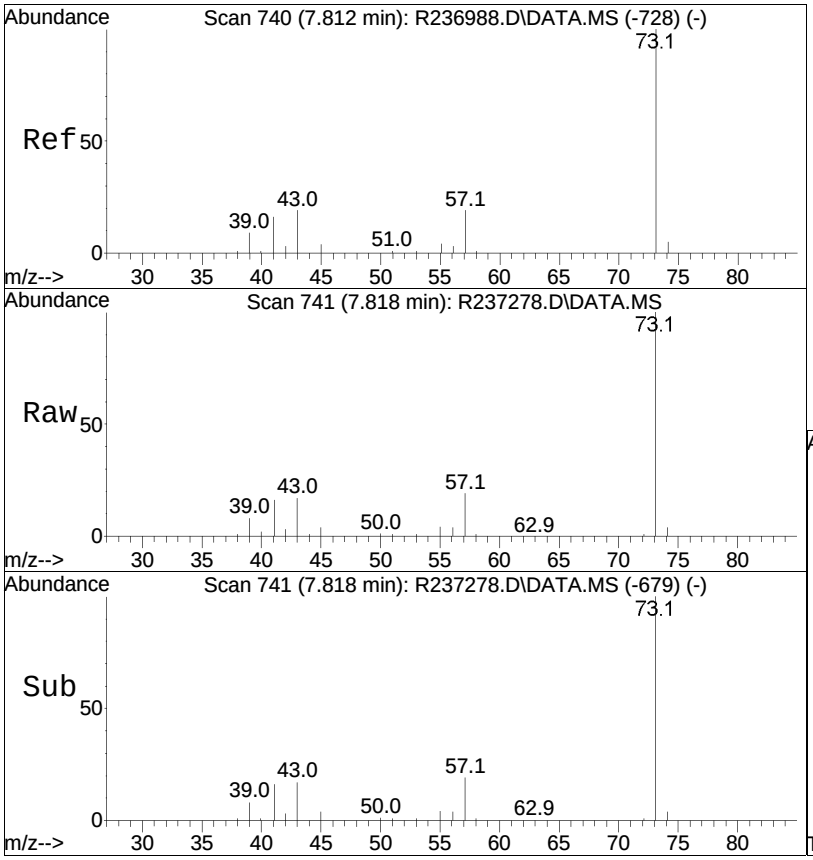


#33
1,1-dichloroethane
Concen: 10.24 ppbV
RT: 7.758 min Scan# 730
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 63 Resp: 270183

Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6

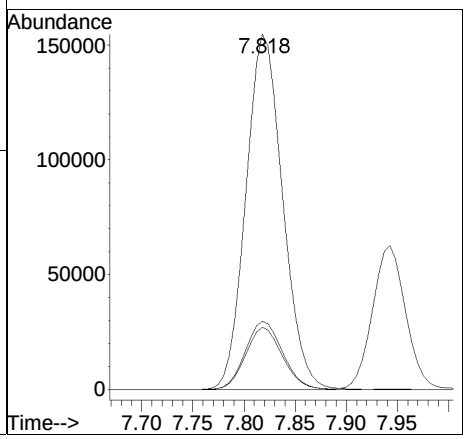


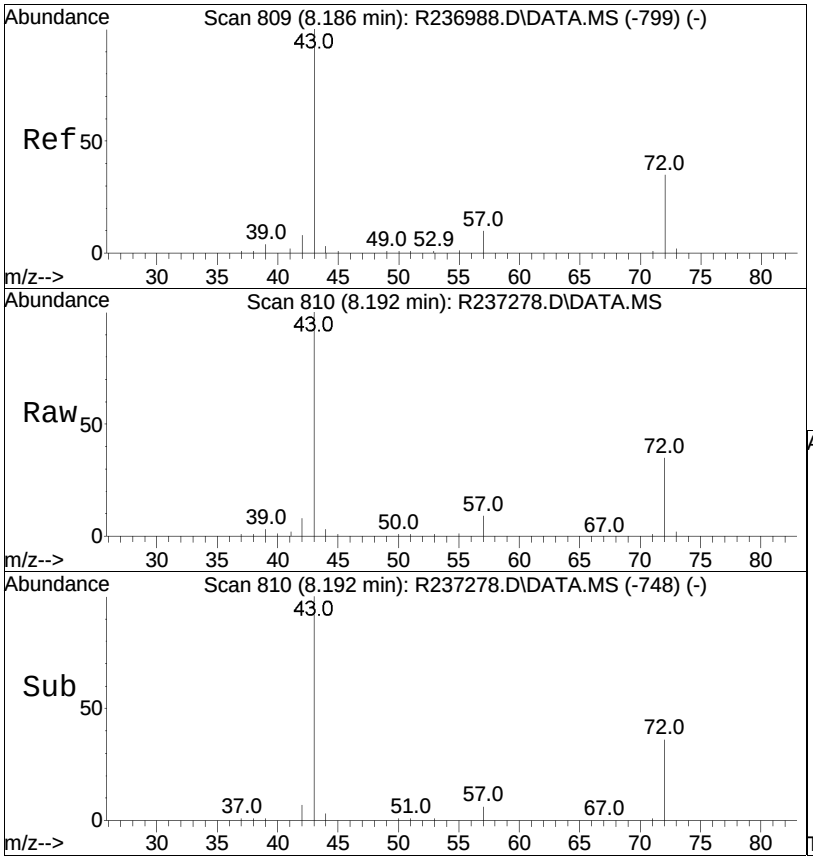


#34
MTBE
Concen: 9.73 ppbV
RT: 7.818 min Scan# 741
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 73 Resp: 385902

Ion	Ratio	Lower	Upper
73	100		
57	19.2	14.8	22.2
43	17.5	15.4	23.2

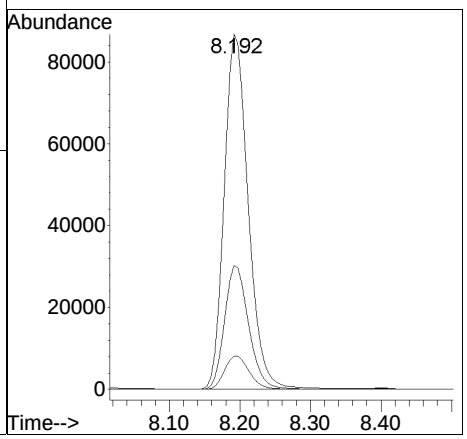


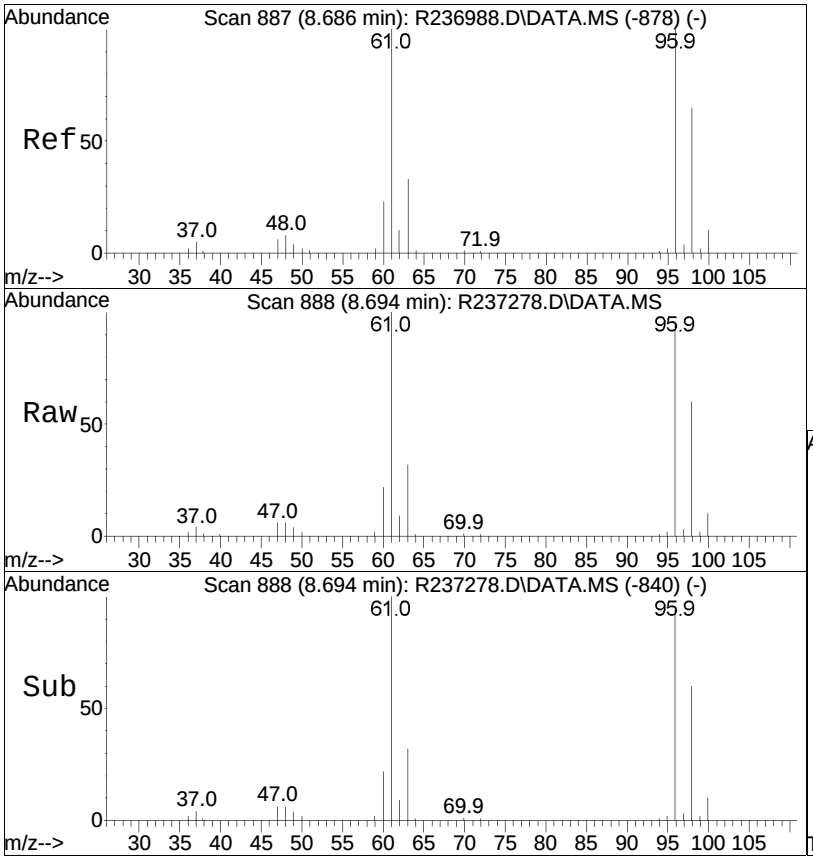


#36
2-butanone
Concen: 9.93 ppbV
RT: 8.192 min Scan# 810
Delta R.T. 0.006 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 205873

Ion	Ratio	Lower	Upper
43	100		
72	34.9	27.8	41.6
57	9.4	7.7	11.5

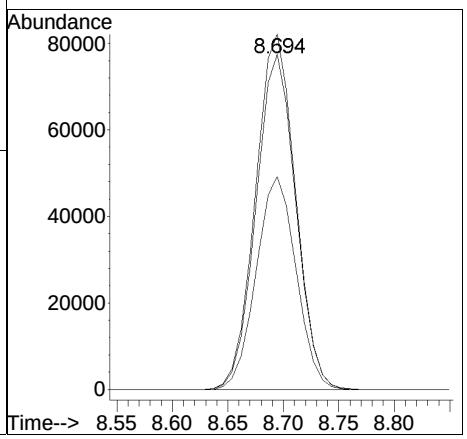


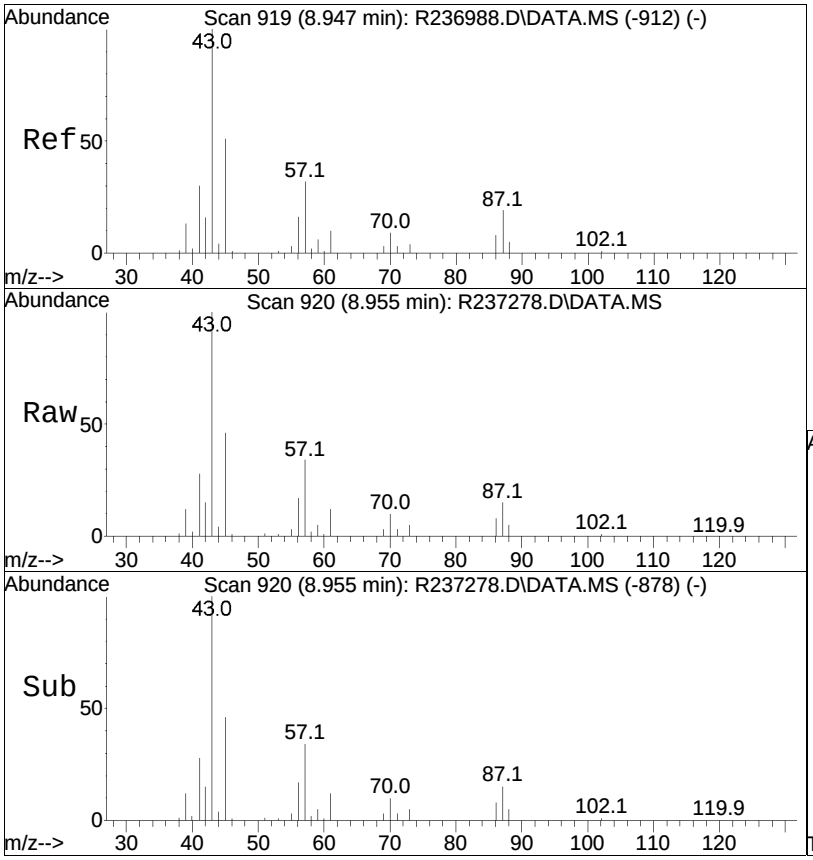


#37
cis-1,2-dichloroethene
Concen: 10.15 ppbV
RT: 8.694 min Scan# 888
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 205800

Ion	Ratio	Lower	Upper
61	100		
96	94.3	80.2	120.2
98	59.9	51.9	77.9

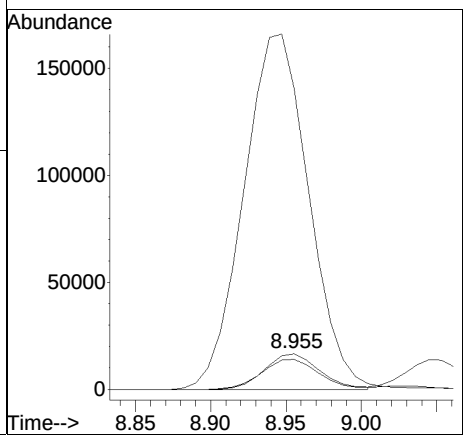


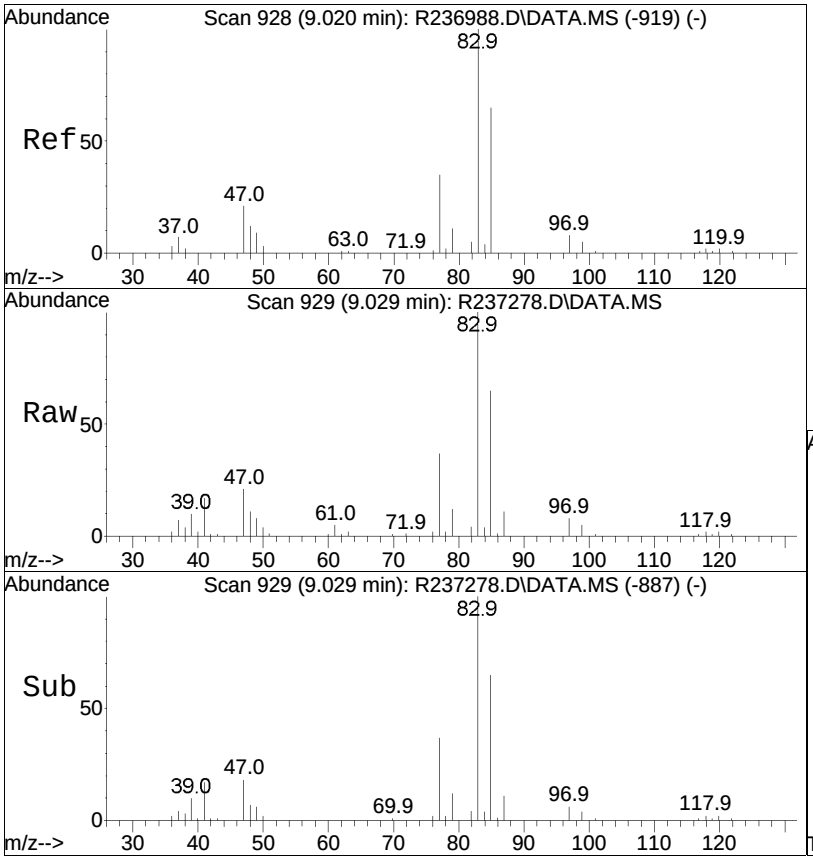


#38
Ethyl Acetate
Concen: 10.92 ppbV
RT: 8.955 min Scan# 920
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 61 Resp: 42334

Ion	Ratio	Lower	Upper
61	100		
70	84.5	72.2	108.2
43	845.7	818.1	1227.1

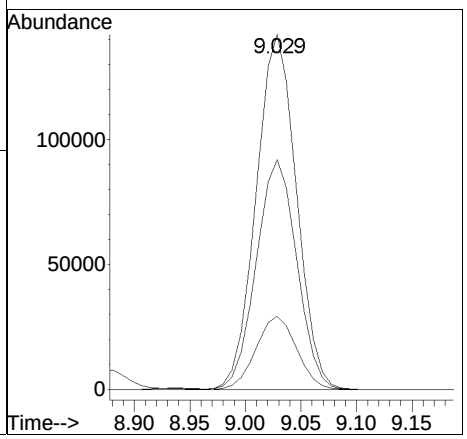


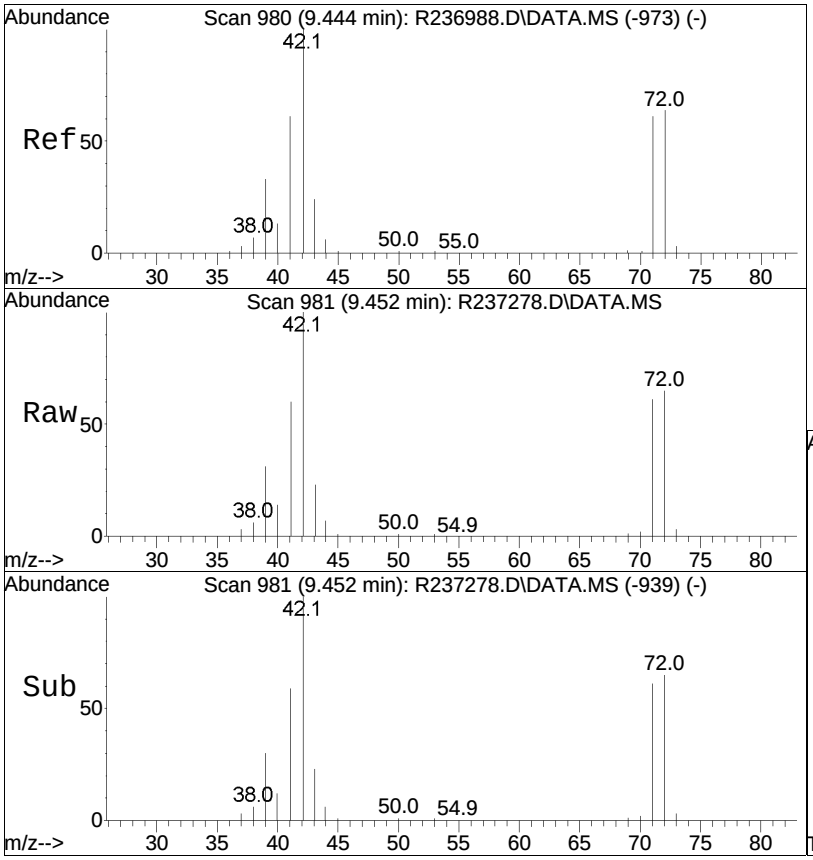


#39
chloroform
Concen: 9.56 ppbV
RT: 9.029 min Scan# 929
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 83 Resp: 358282

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5
47	20.6	17.1	25.7

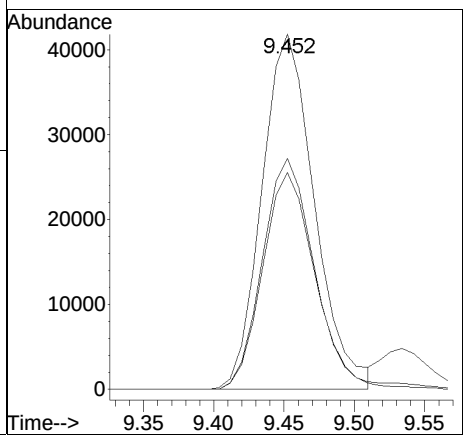


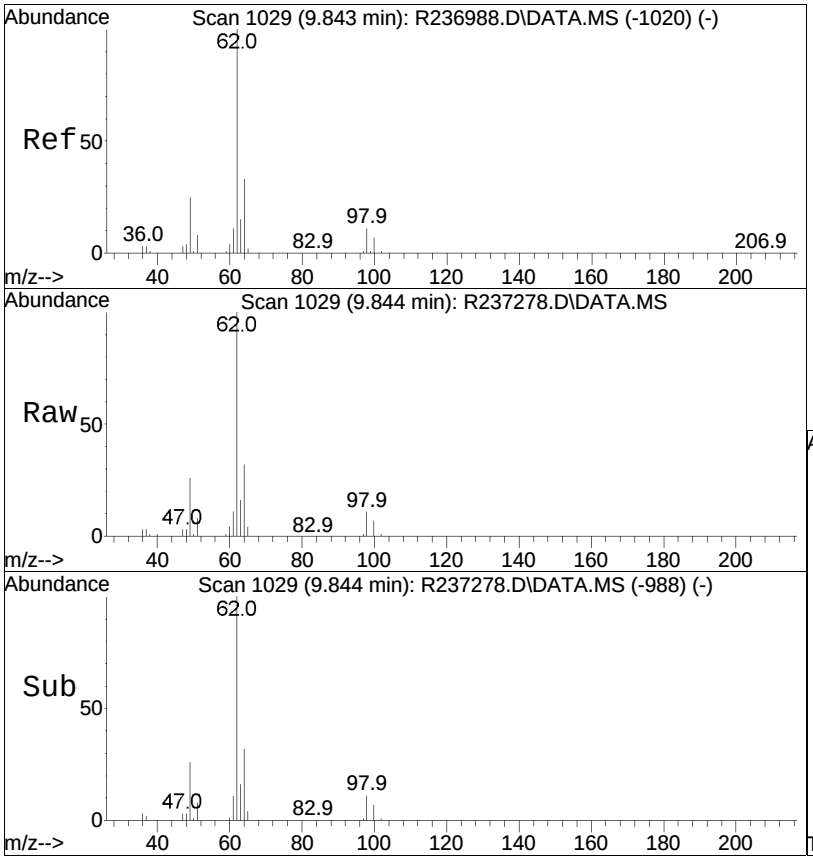


#40
Tetrahydrofuran
Concen: 10.18 ppbV
RT: 9.452 min Scan# 981
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 42 Resp: 108956

Ion	Ratio	Lower	Upper
42	100		
71	61.0	48.6	72.8
72	65.0	51.2	76.8

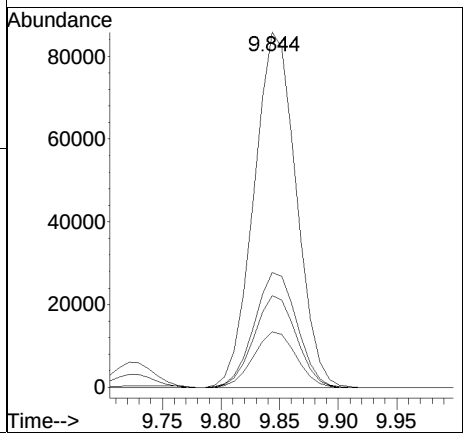


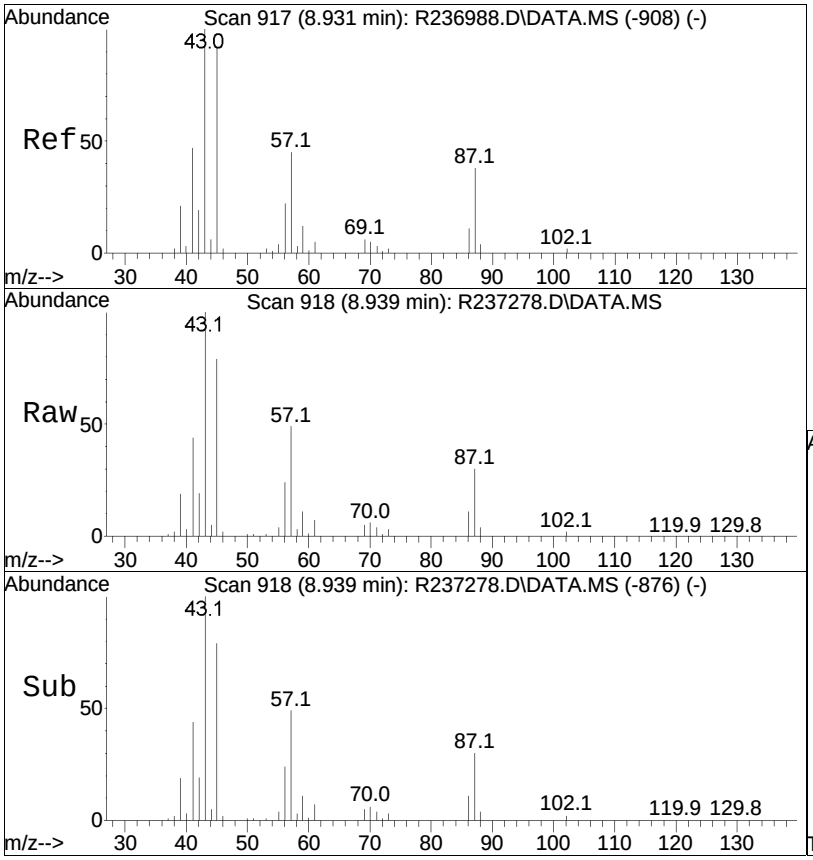


#42
1,2-dichloroethane
Concen: 9.66 ppbV
RT: 9.844 min Scan# 1029
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 62 Resp: 215090

Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.2	39.4
49	25.8	20.2	30.2
63	15.7	12.4	18.6

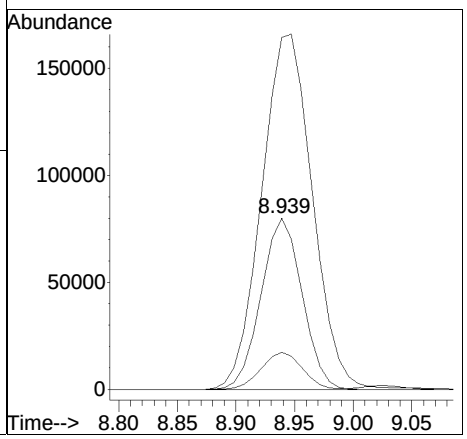


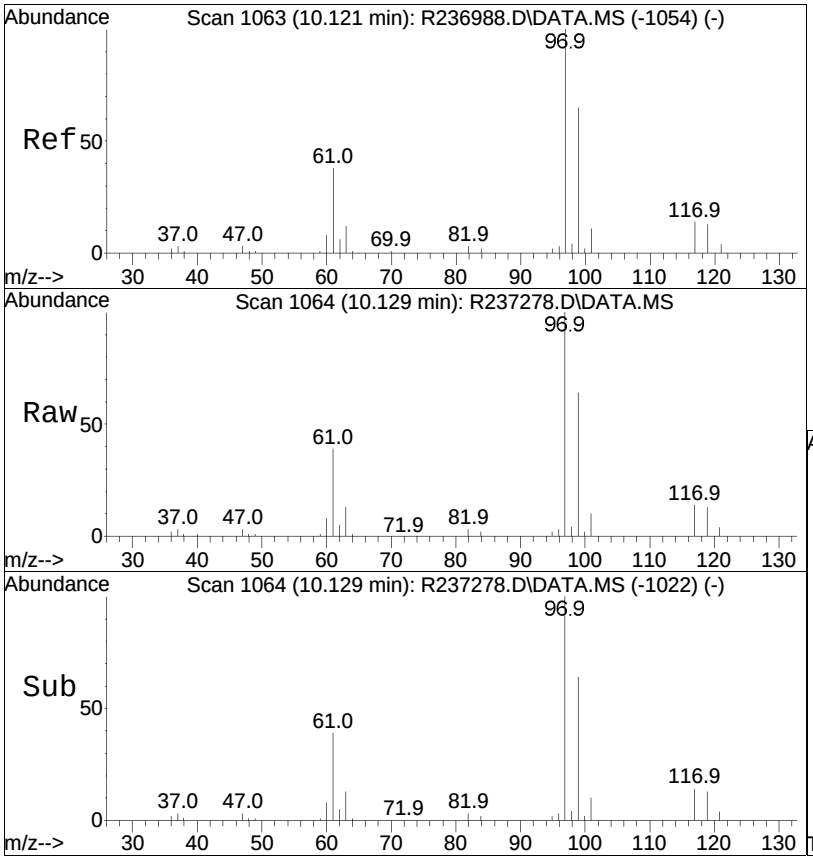


#44
hexane
Concen: 12.44 ppbV
RT: 8.939 min Scan# 918
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 57 Resp: 194856

Ion	Ratio	Lower	Upper
57	100		
43	205.6	177.1	265.7
86	21.8	18.6	28.0

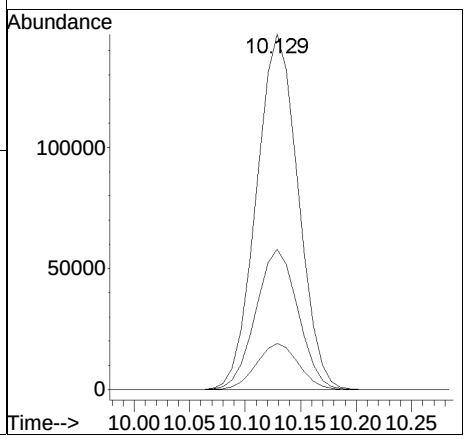


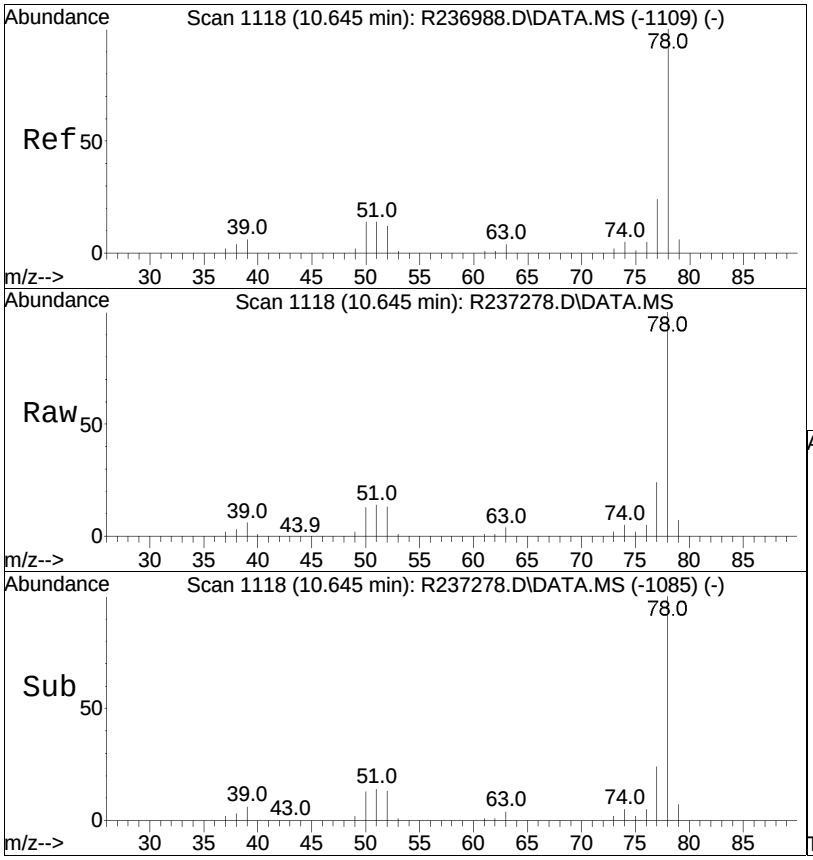


#48
1,1,1-trichloroethane
Concen: 10.60 ppbV
RT: 10.129 min Scan# 1064
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 97 Resp: 384311

Ion	Ratio	Lower	Upper
97	100		
61	39.5	30.1	45.1
119	13.0	10.7	16.1

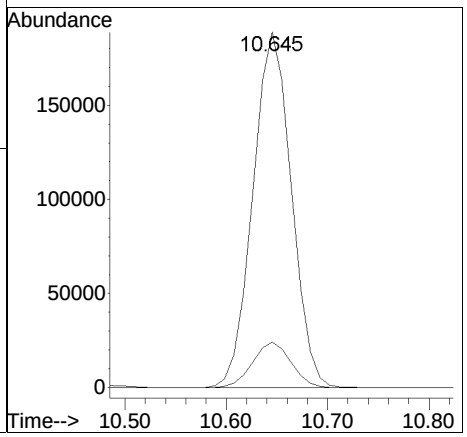


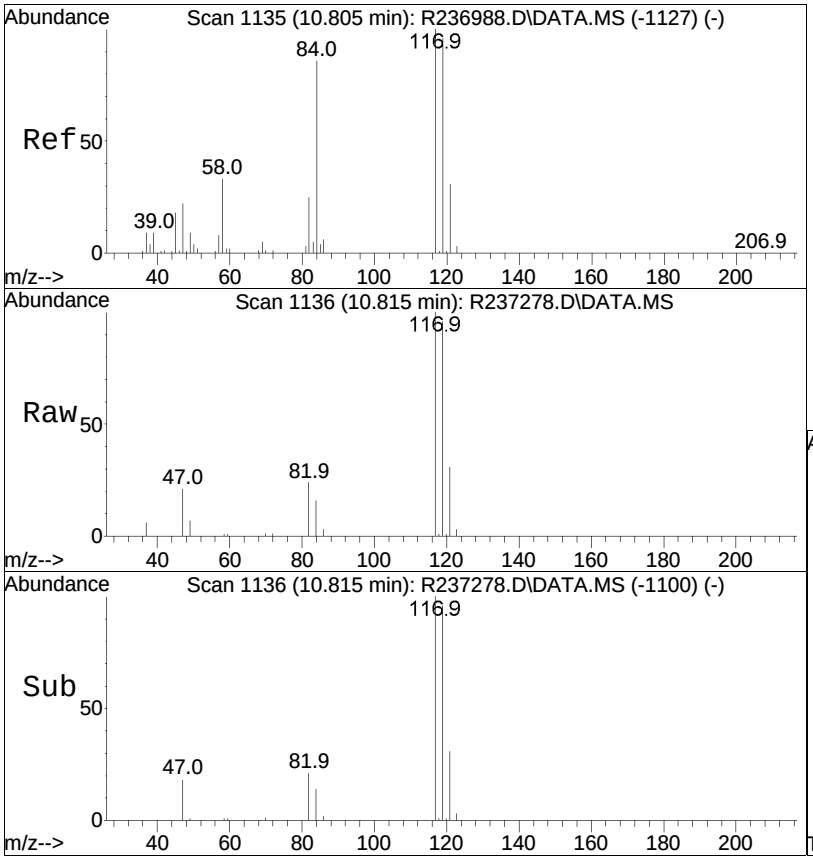


#50
benzene
Concen: 11.58 ppbV
RT: 10.645 min Scan# 1118
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 78 Resp: 497122

Ion	Ratio	Lower	Upper
78	100		
52	12.8	9.9	14.9

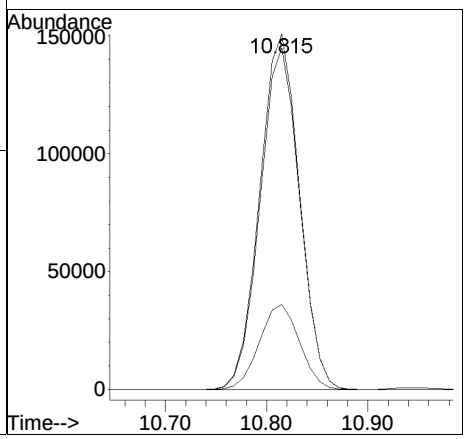


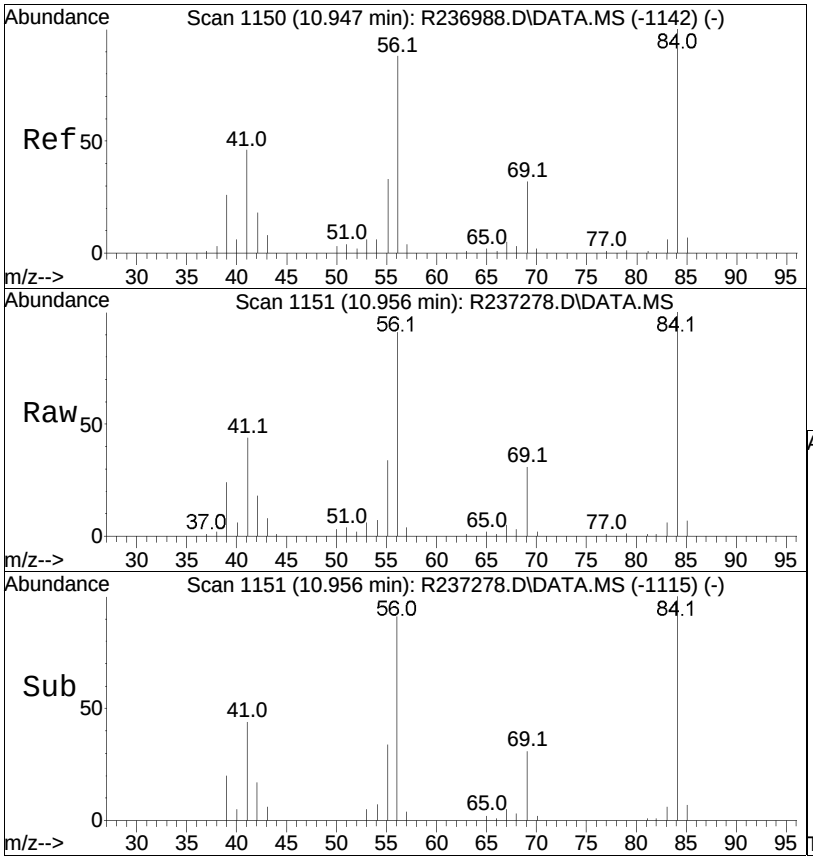


#52
carbon tetrachloride
Concen: 10.32 ppbV
RT: 10.815 min Scan# 1136
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:117 Resp: 410098

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
82	23.9	20.0	30.0

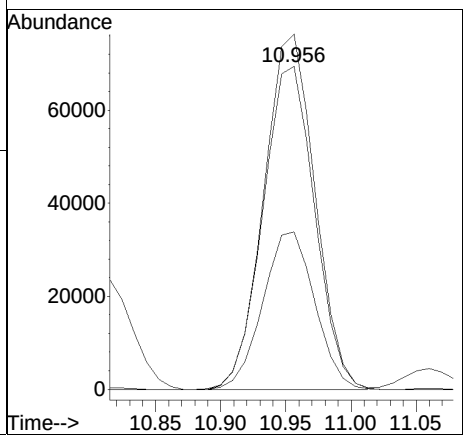


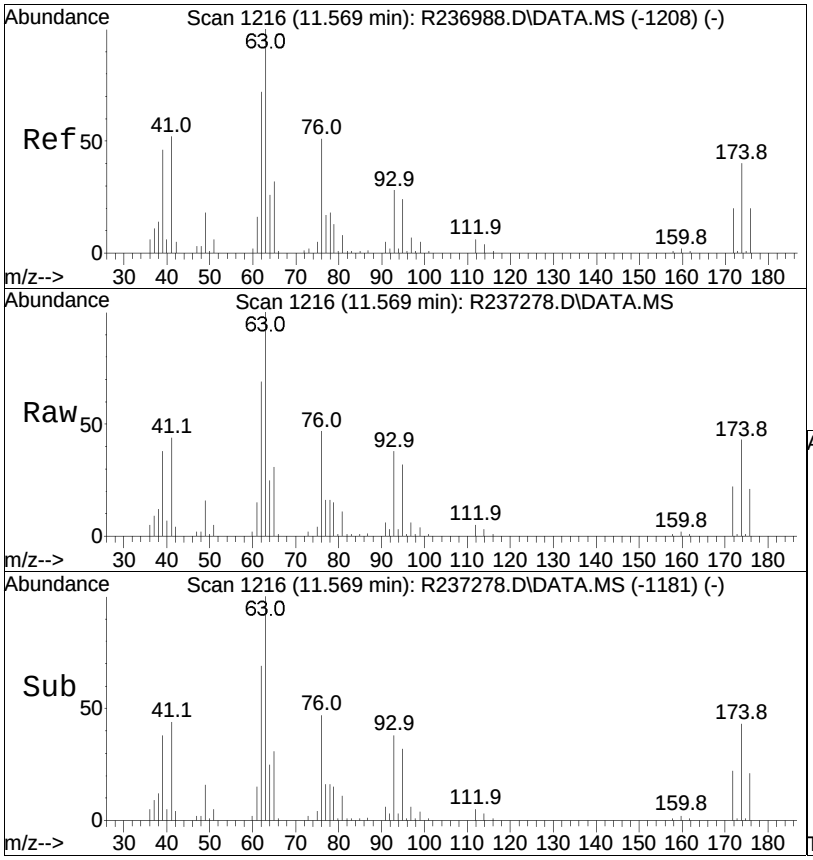


#53
cyclohexane
Concen: 12.21 ppbV
RT: 10.956 min Scan# 1151
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 56 Resp: 192027

Ion	Ratio	Lower	Upper
56	100		
84	110.0	91.1	136.7
41	48.8	42.2	63.2

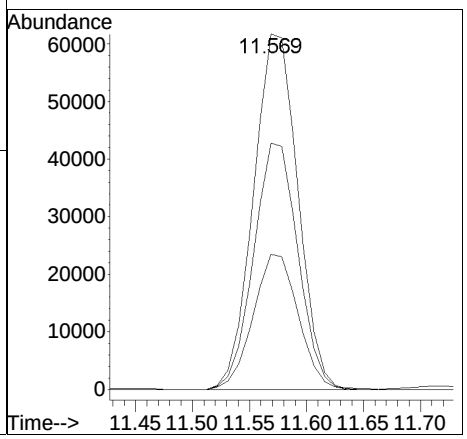


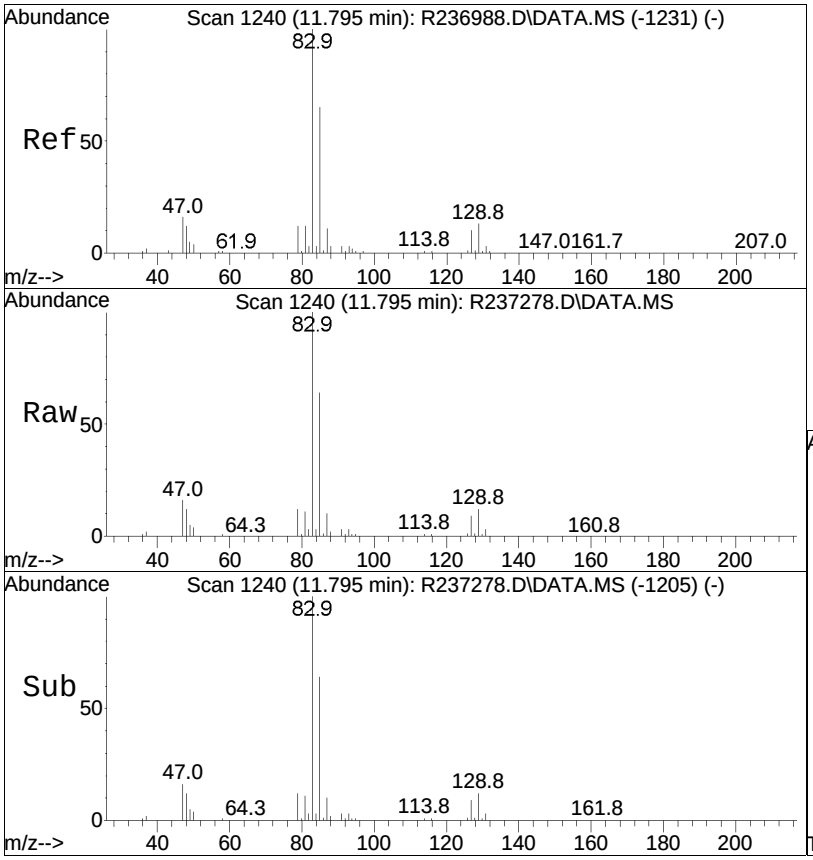


#56
1,2-dichloropropane
Concen: 12.41 ppbV
RT: 11.569 min Scan# 1216
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 63 Resp: 167075

Ion	Ratio	Lower	Upper
63	100		
62	69.3	57.8	86.6
39	38.0	37.0	55.4

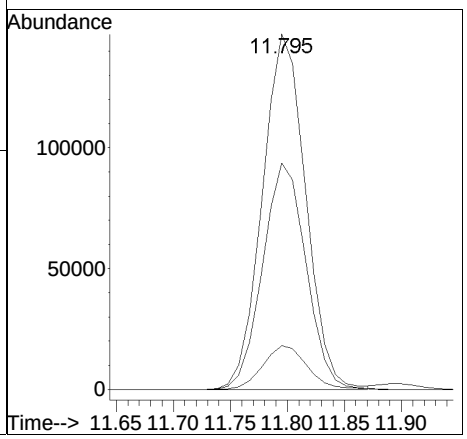


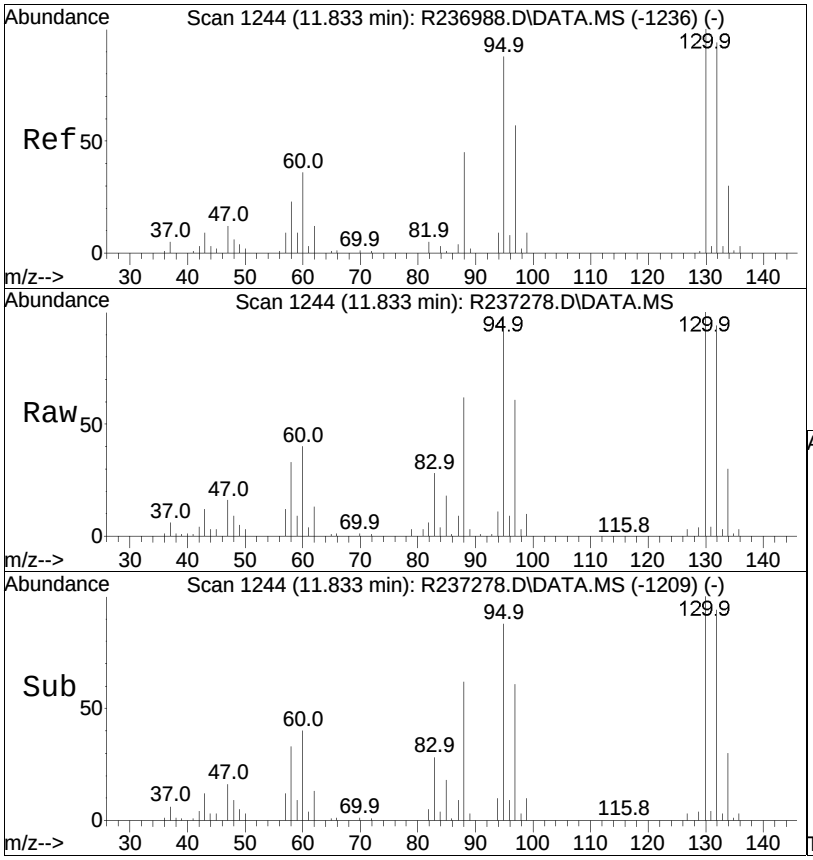


#57
bromodichloromethane
Concen: 11.98 ppbV
RT: 11.795 min Scan# 1240
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 83 Resp: 388476

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5
129	12.3	10.7	16.1

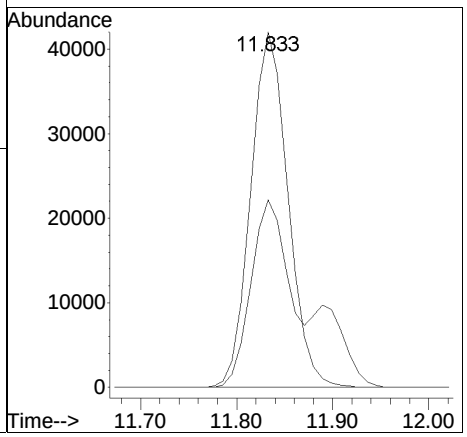


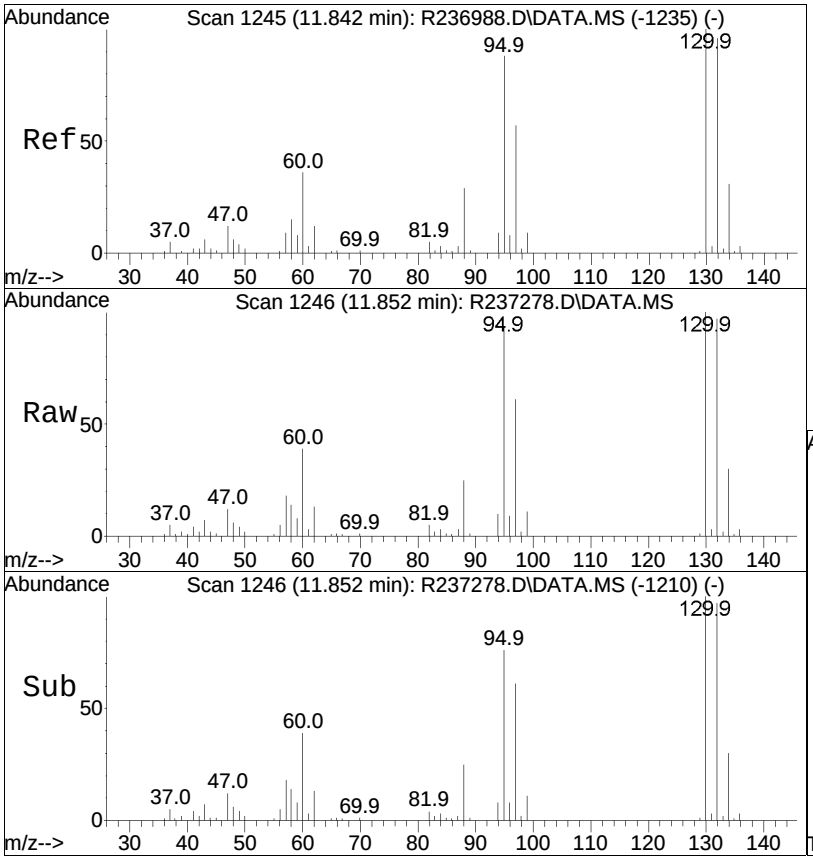


#58
1,4-dioxane
Concen: 11.85 ppbV
RT: 11.833 min Scan# 1244
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 88 Resp: 113203

Ion	Ratio	Lower	Upper
88	100		
58	52.8	40.1	60.1

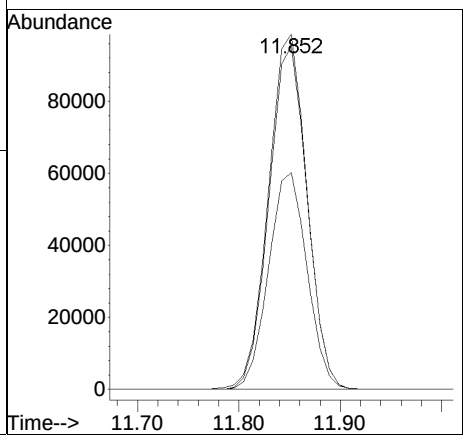


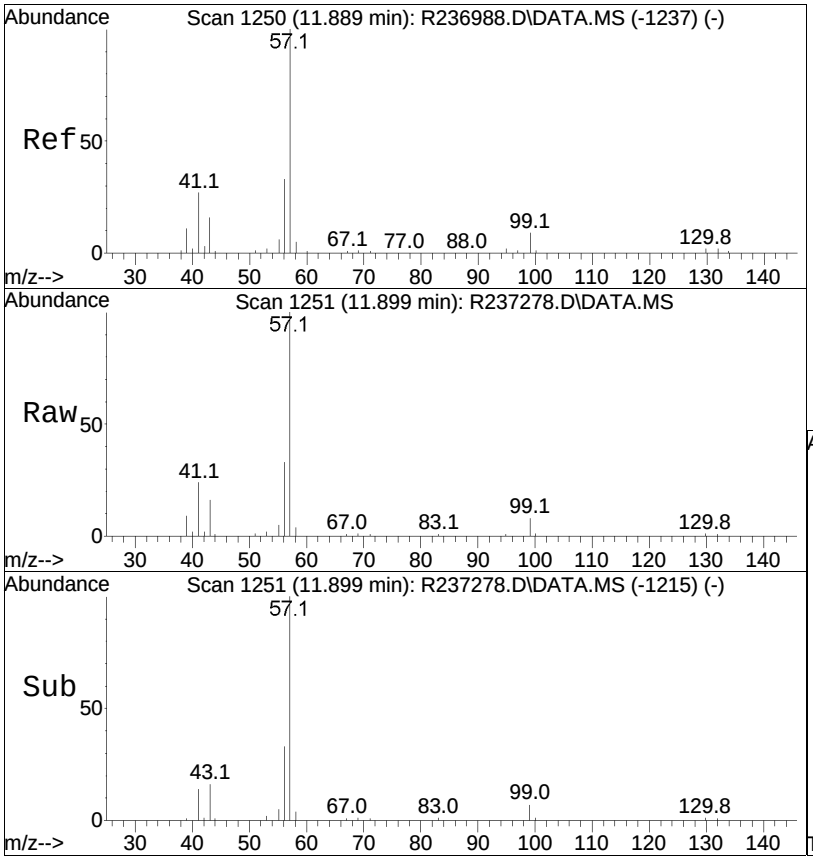


#59
trichloroethene
Concen: 10.17 ppbV
RT: 11.852 min Scan# 1246
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:130 Resp: 260538

Ion	Ratio	Lower	Upper
130	100		
132	96.6	76.7	115.1
97	61.0	45.7	68.5

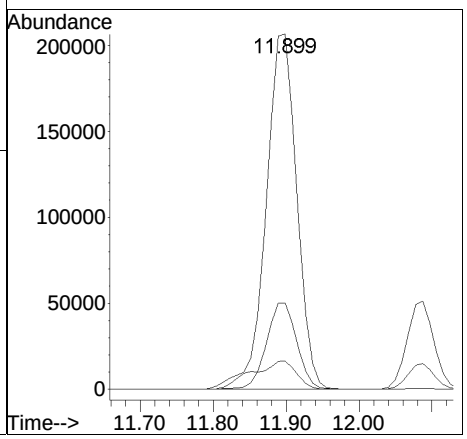


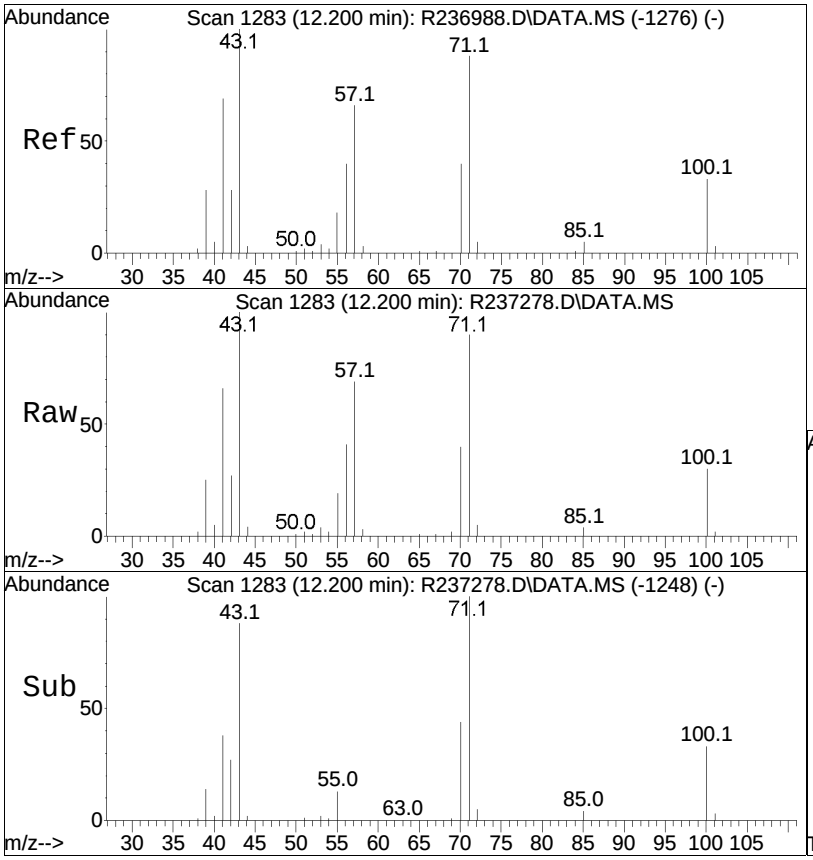


#60
2,2,4-trimethylpentane
Concen: 12.55 ppbV
RT: 11.899 min Scan# 1251
Delta R.T. 0.010 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 57 Resp: 607741

Ion	Ratio	Lower	Upper
57	100		
99	7.9	6.8	10.2
41	24.4	21.8	32.8

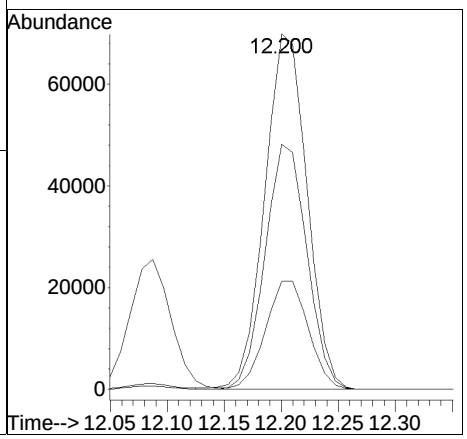


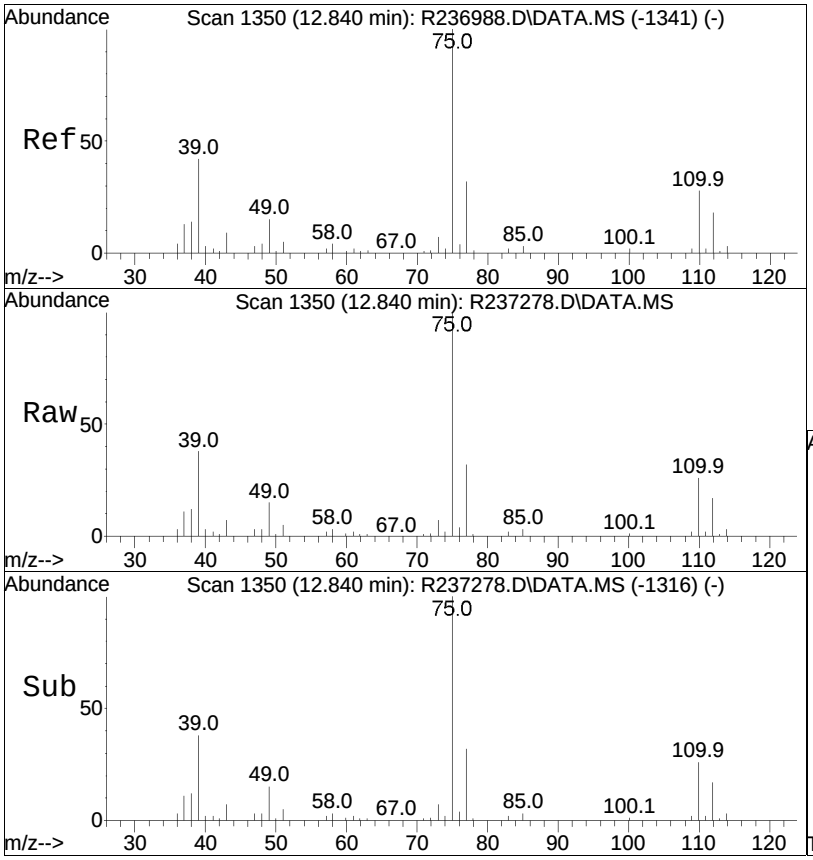


#62
heptane
Concen: 12.16 ppbV
RT: 12.200 min Scan# 1283
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 180777

Ion	Ratio	Lower	Upper
43	100		
57	69.0	52.8	79.2
100	30.4	26.8	40.2

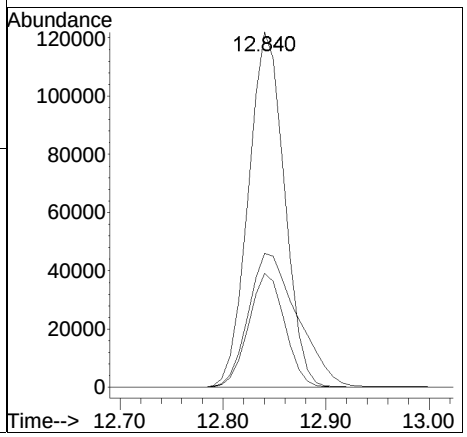


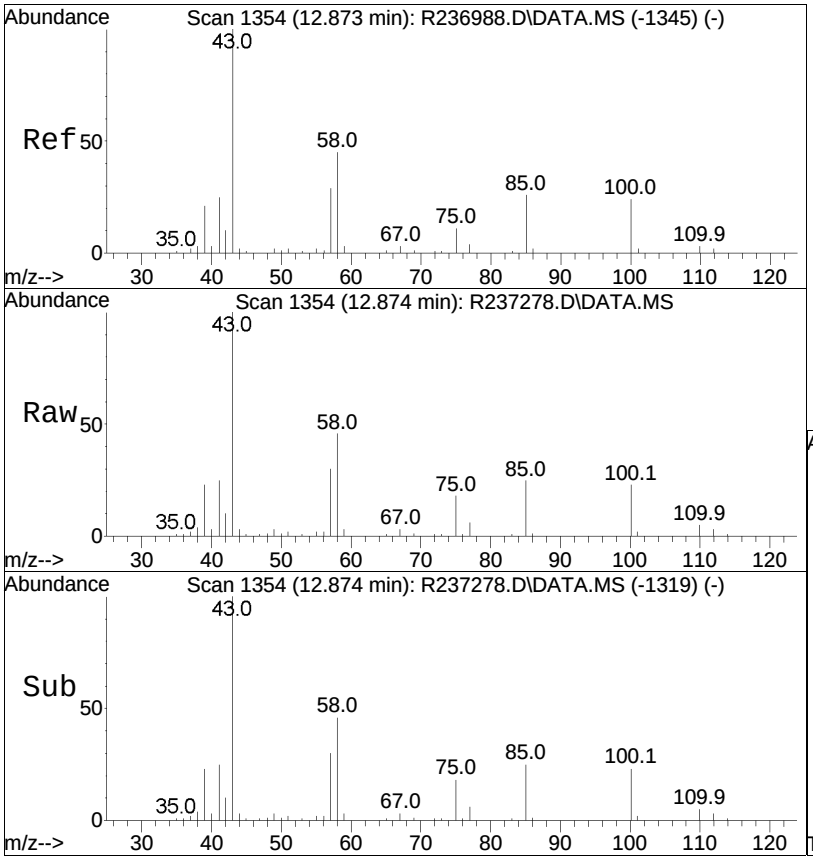


#63
cis-1,3-dichloropropene
Concen: 12.87 ppbV
RT: 12.840 min Scan# 1350
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 75 Resp: 297218

Ion	Ratio	Lower	Upper
75	100		
39	37.7	33.8	50.6
77	32.1	25.5	38.3

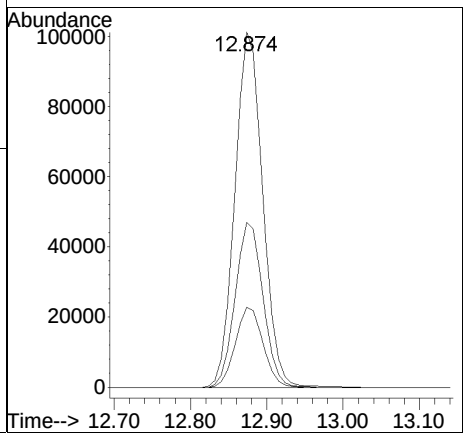


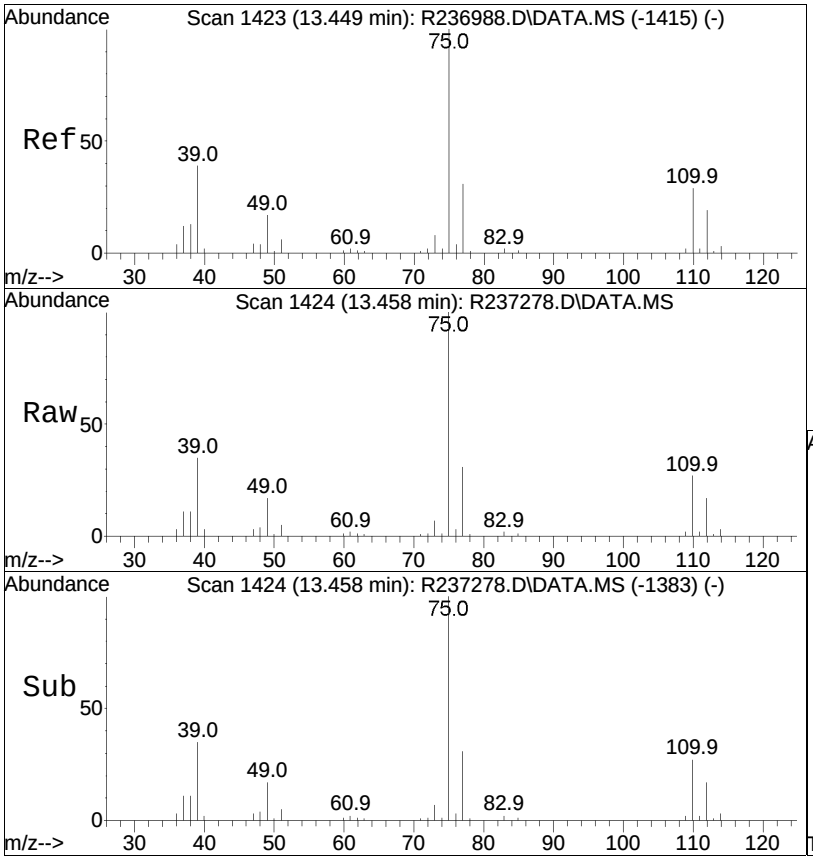


#64
4-methyl-2-pentanone
Concen: 11.88 ppbV
RT: 12.874 min Scan# 1354
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 256430

Ion	Ratio	Lower	Upper
43	100		
58	46.5	35.7	53.5
100	22.6	19.0	28.6

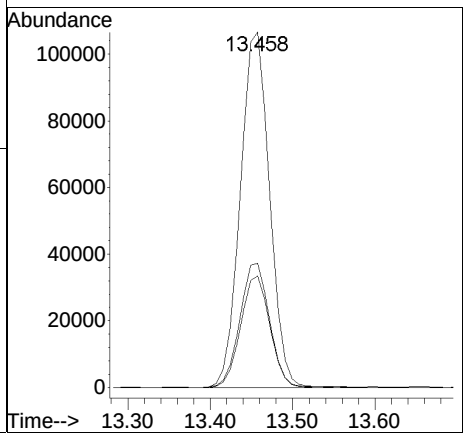


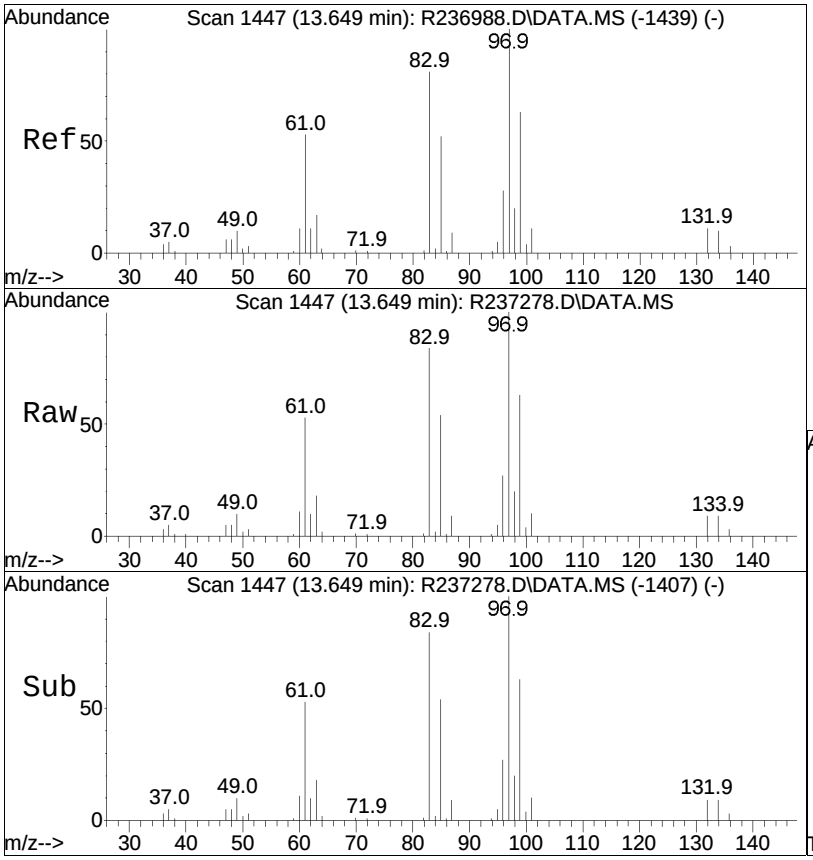


#65
trans-1,3-dichloropropene
Concen: 14.34 ppbV
RT: 13.458 min Scan# 1424
Delta R.T. 0.008 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 75 Resp: 262774

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	34.9	31.0	46.4

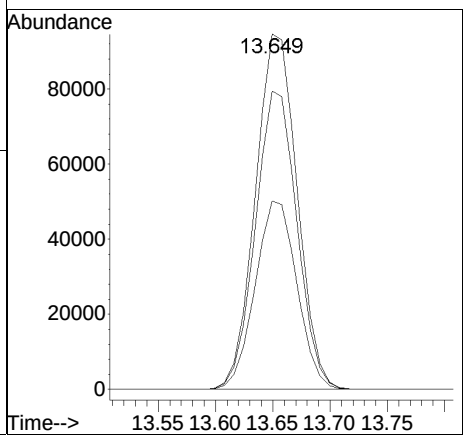


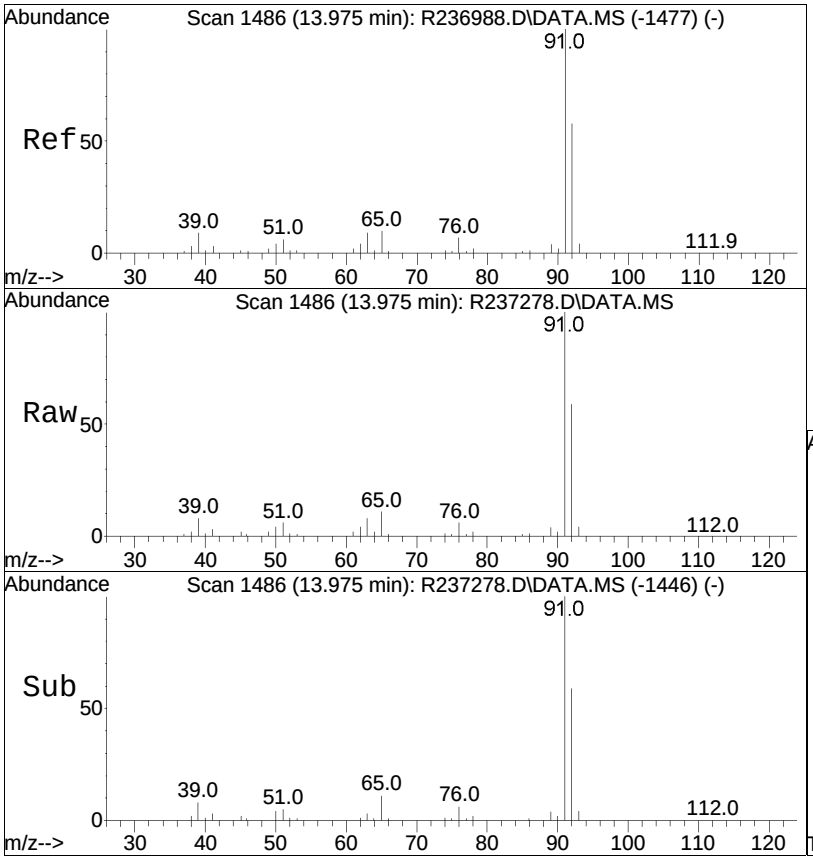


#66
1,1,2-trichloroethane
Concen: 11.31 ppbV
RT: 13.649 min Scan# 1447
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 97 Resp: 240098

Ion	Ratio	Lower	Upper
97	100		
83	84.0	64.5	96.7
61	53.0	42.2	63.2

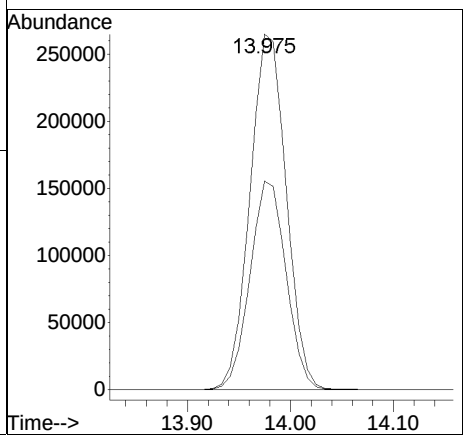


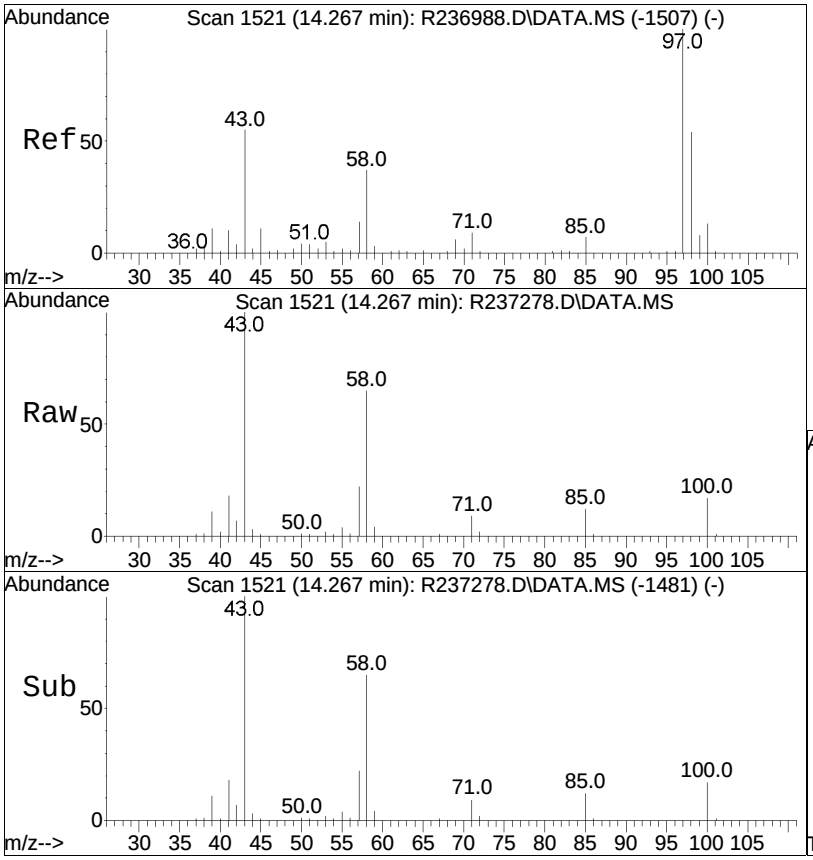


#68
toluene
Concen: 11.04 ppbV
RT: 13.975 min Scan# 1486
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 647777

Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	70.0

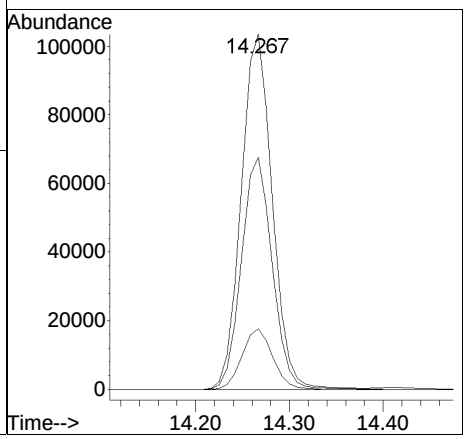


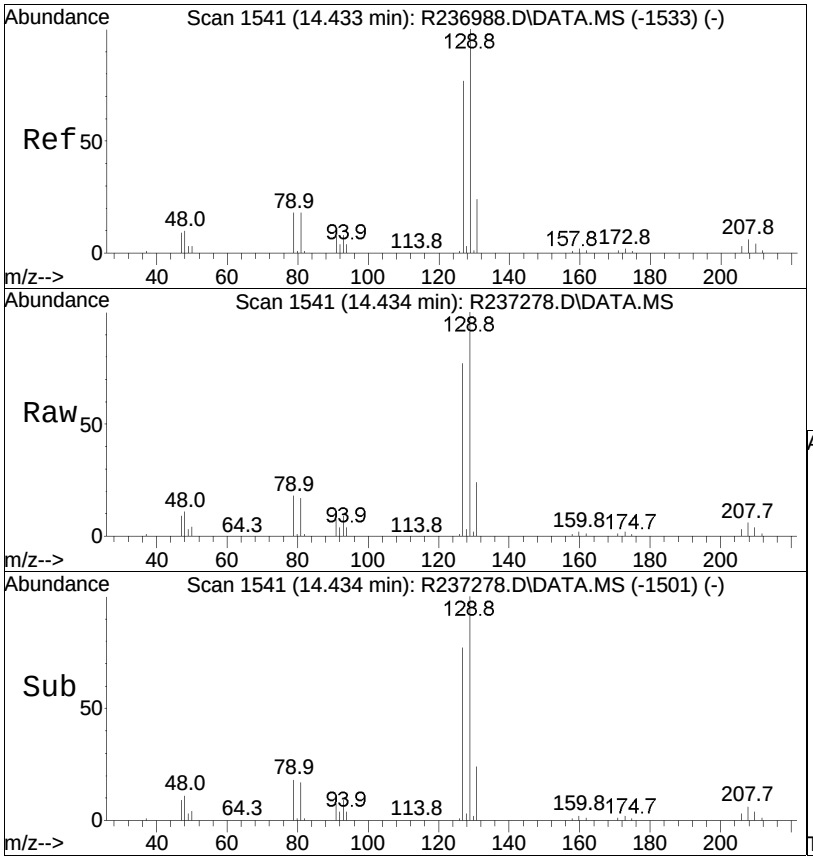


#72
2-hexanone
Concen: 11.33 ppbV
RT: 14.267 min Scan# 1521
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 43 Resp: 238725

Ion	Ratio	Lower	Upper
43	100		
58	65.3	53.6	80.4
100	17.1	18.2	27.4#

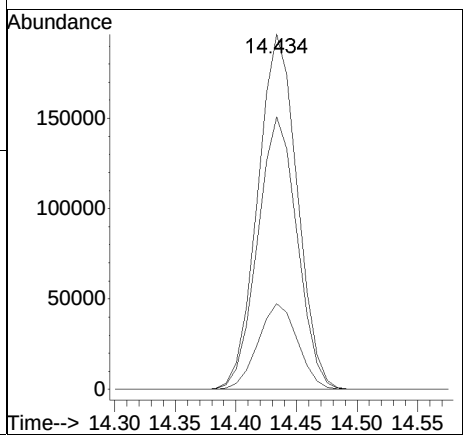


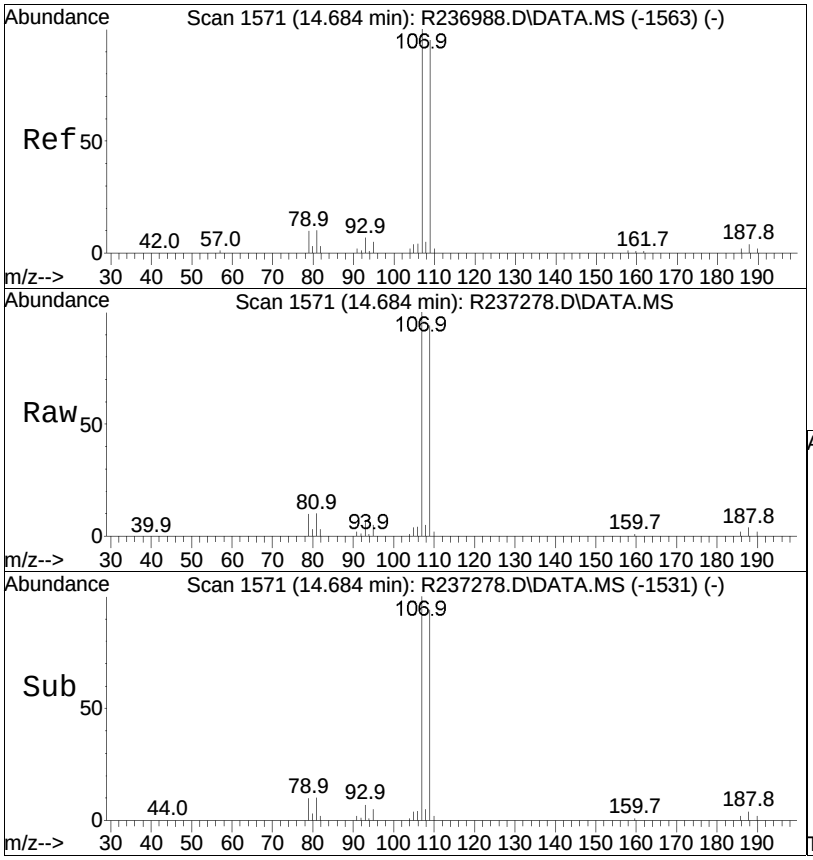


#74
dibromochloromethane
Concen: 11.04 ppbV
RT: 14.434 min Scan# 1541
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:129 Resp: 446219

Ion	Ratio	Lower	Upper
129	100		
127	76.7	61.7	92.5
131	24.1	19.3	28.9

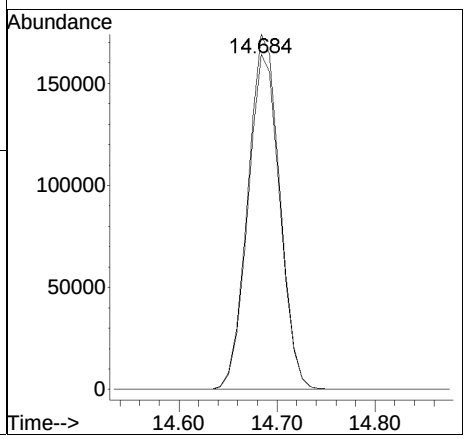


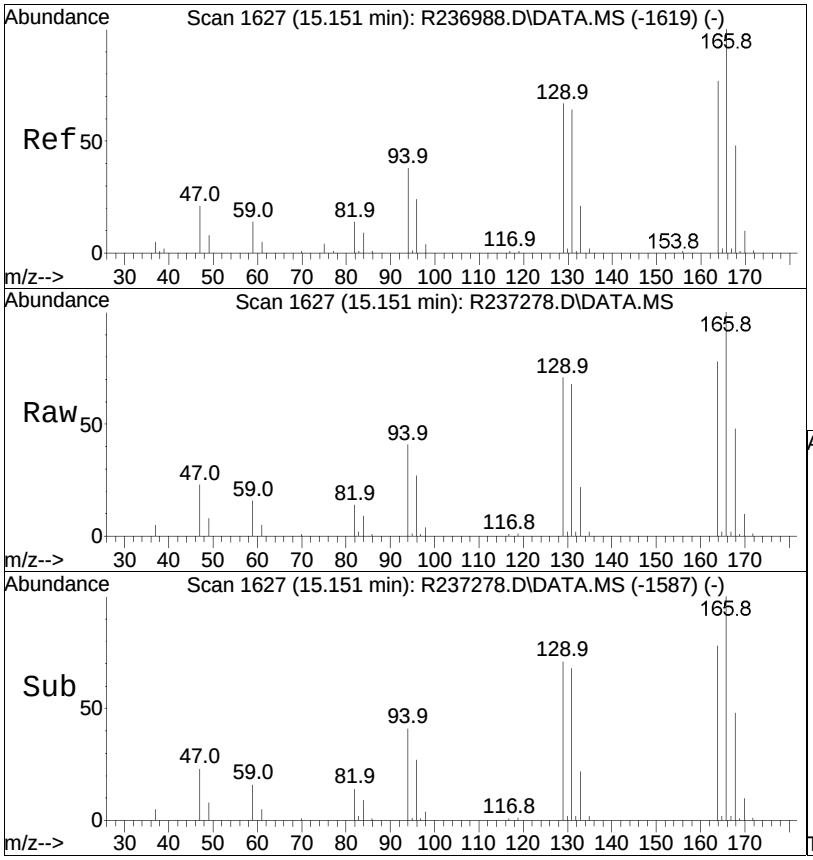


#75
1,2-dibromoethane
Concen: 11.39 ppbV
RT: 14.684 min Scan# 1571
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:107 Resp: 392736

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.7	113.5

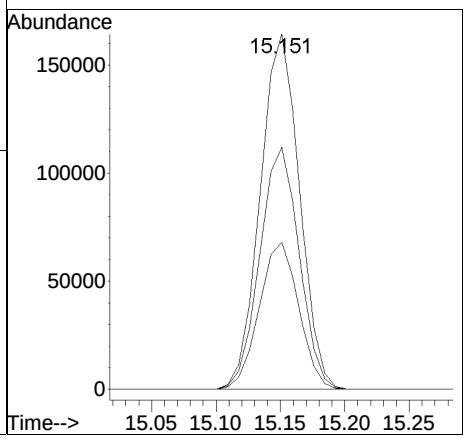


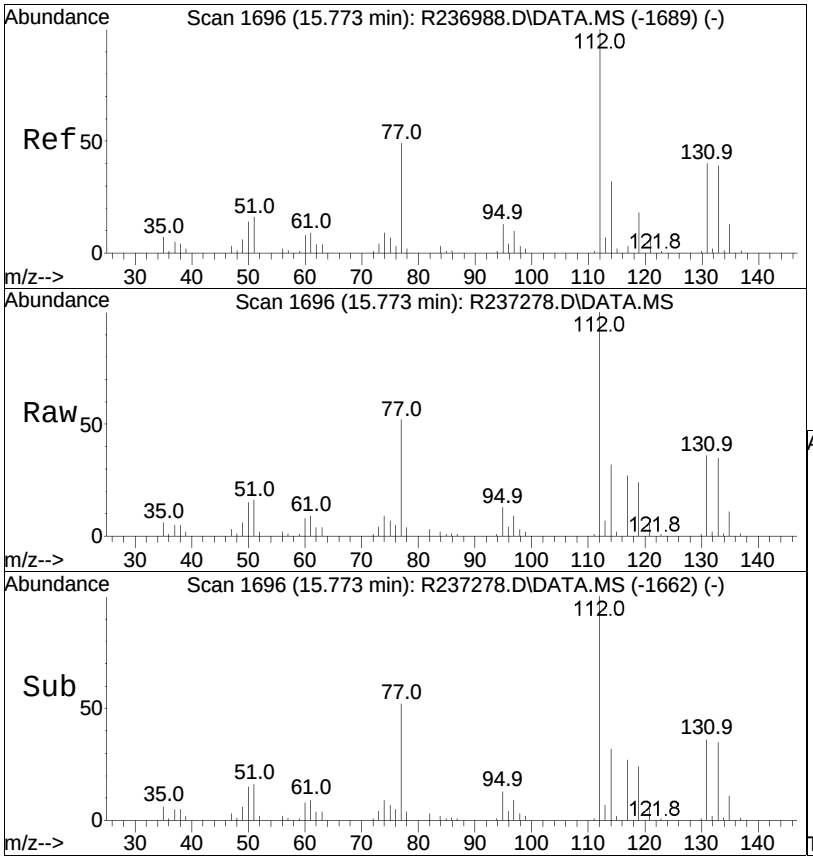


#78
tetrachloroethene
Concen: 9.47 ppbV
RT: 15.151 min Scan# 1627
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:166 Resp: 348525

Ion	Ratio	Lower	Upper
166	100		
131	68.1	51.4	77.0
94	41.4	30.2	45.2

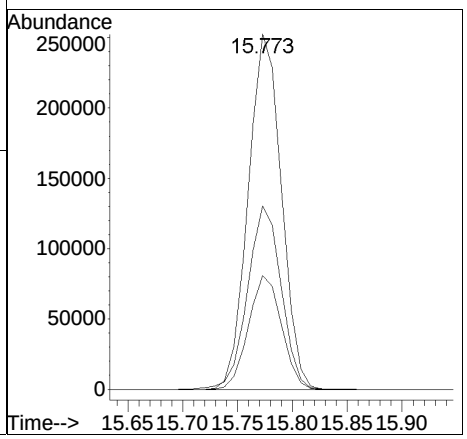


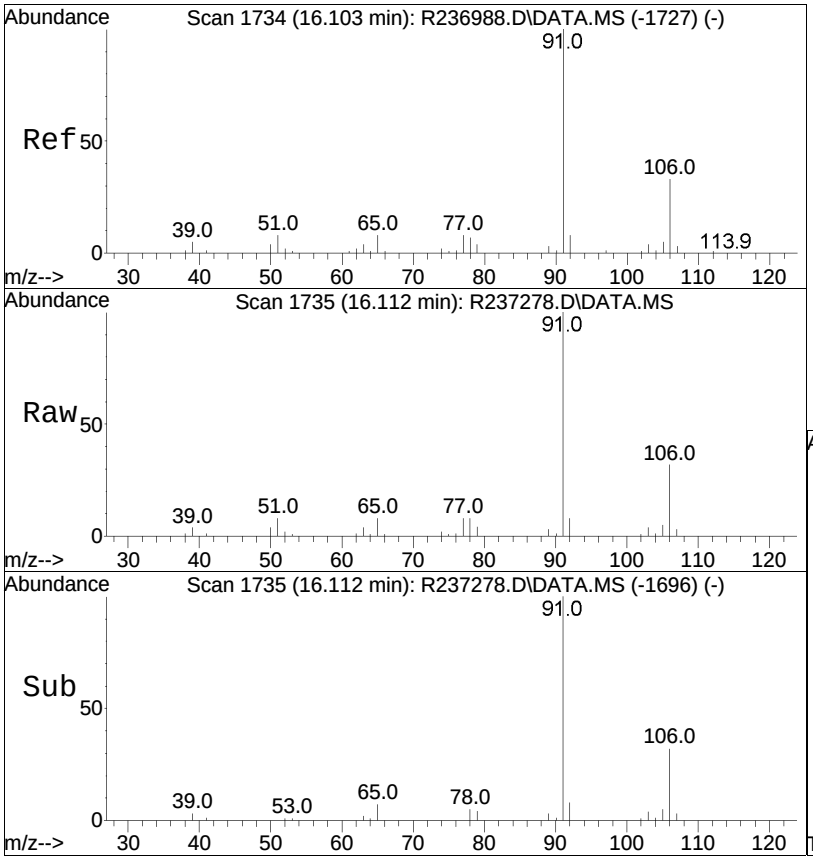


#80
chlorobenzene
Concen: 10.76 ppbV
RT: 15.773 min Scan# 1696
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:112 Resp: 531633

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.9	38.9
77	51.7	39.1	58.7

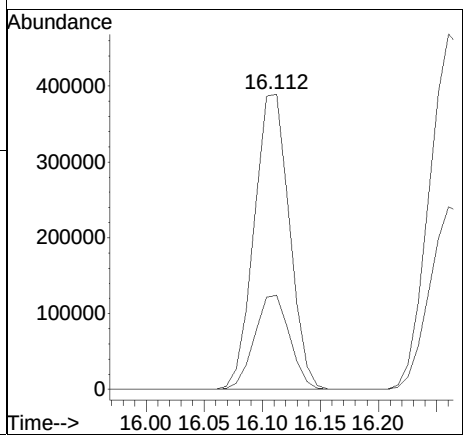


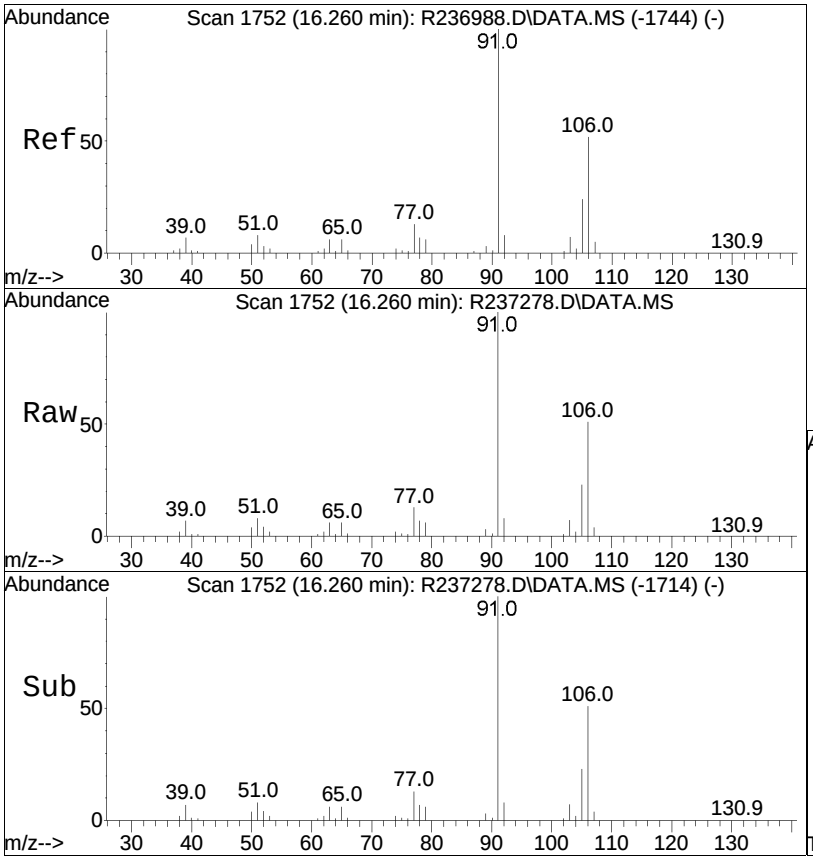


#81
ethylbenzene
Concen: 10.96 ppbV
RT: 16.112 min Scan# 1735
Delta R.T. 0.009 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 822196

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.6	40.0

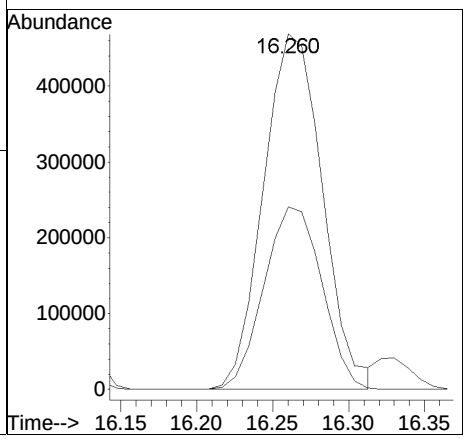


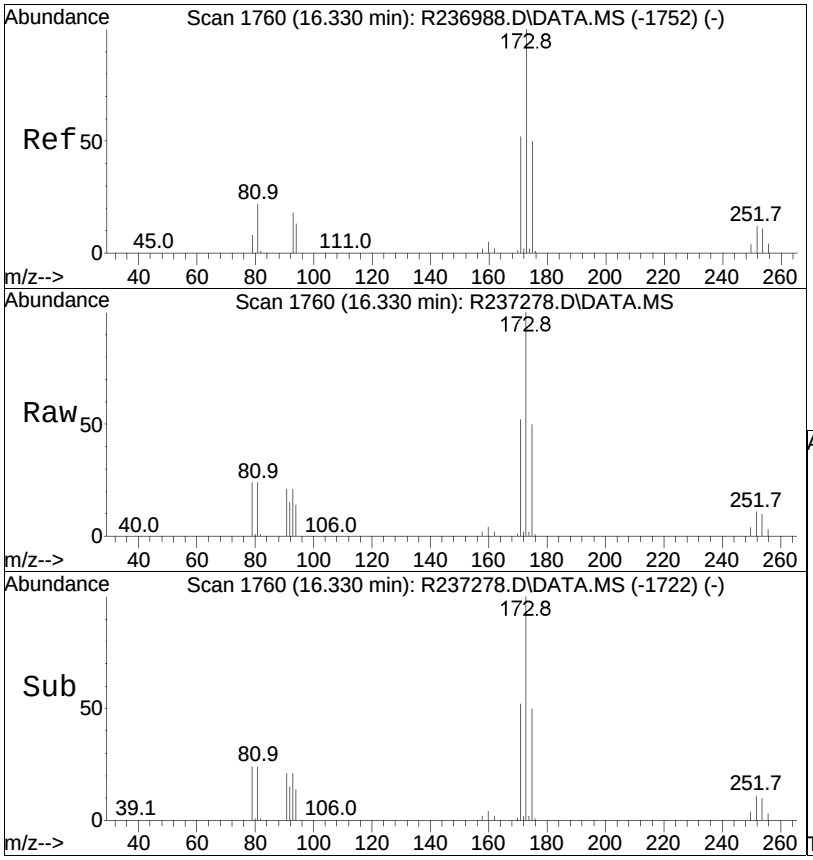


#83
m+p-xylene
Concen: 22.21 ppbV
RT: 16.260 min Scan# 1752
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 1265088

Ion	Ratio	Lower	Upper
91	100		
106	51.4	41.7	62.5

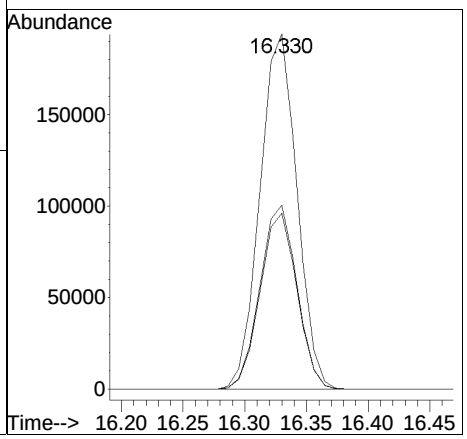


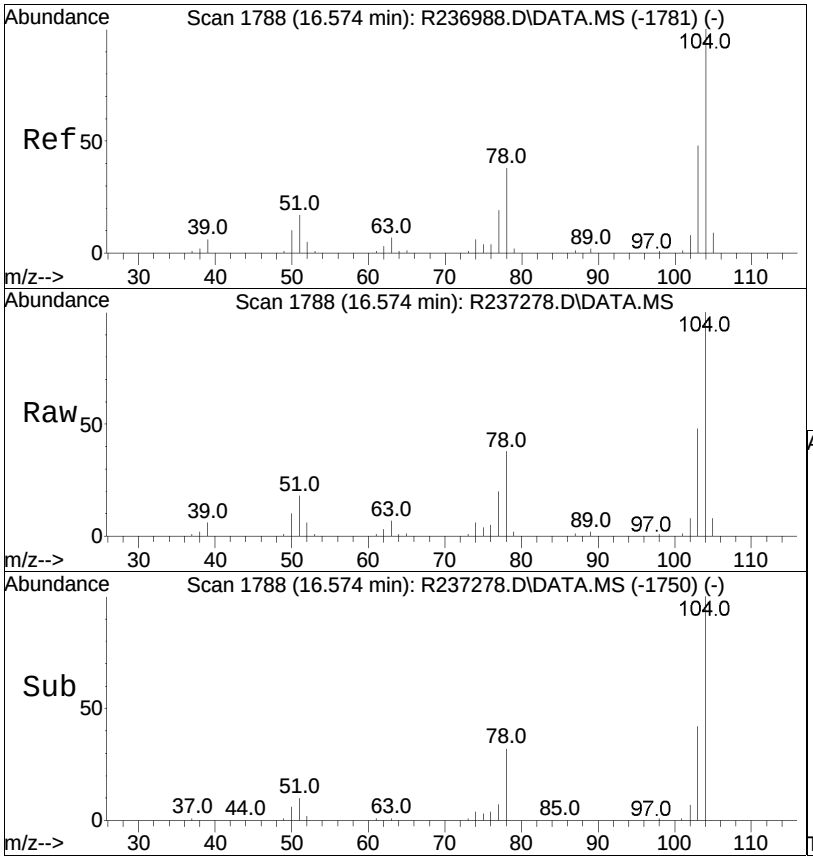


#84
bromoform
Concen: 9.97 ppbV
RT: 16.330 min Scan# 1760
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:173 Resp: 404874

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
171	51.8	41.4	62.2

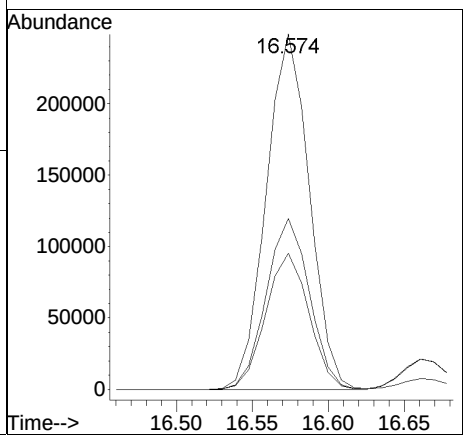


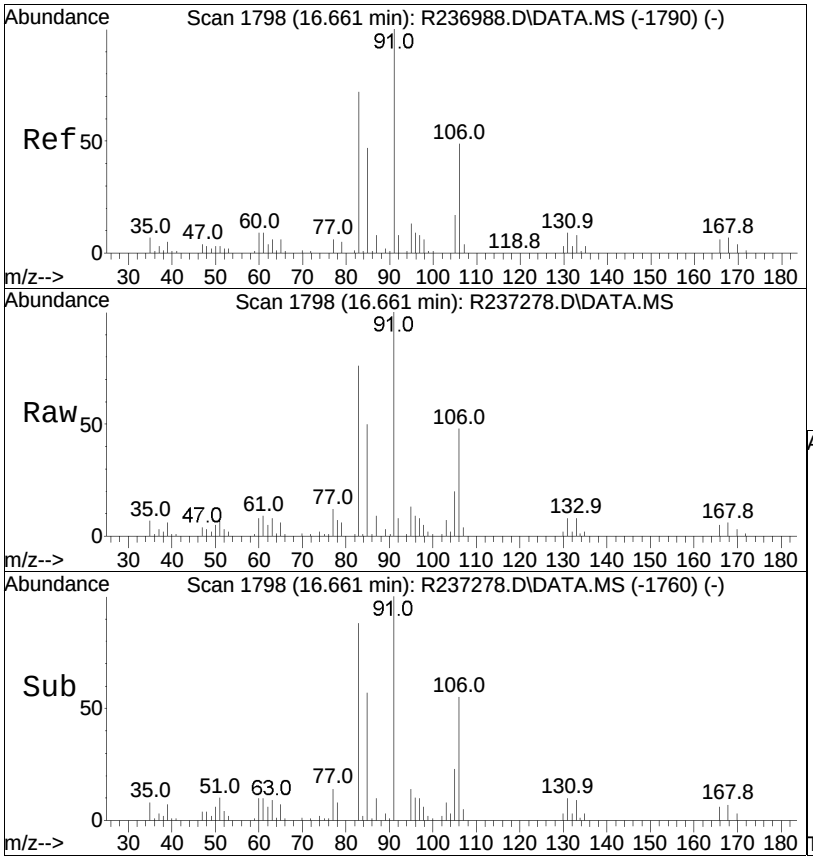


#85
styrene
Concen: 10.98 ppbV
RT: 16.574 min Scan# 1788
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:104 Resp: 491486

Ion	Ratio	Lower	Upper
104	100		
103	48.1	38.2	57.4
78	38.3	30.6	45.8

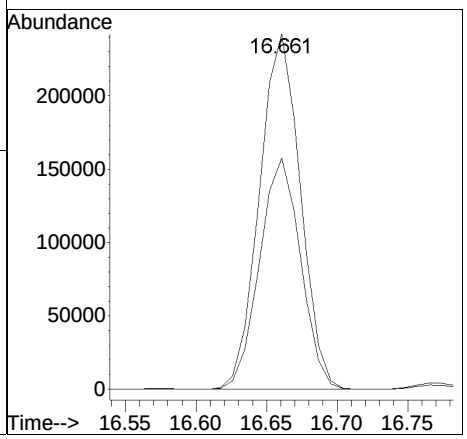


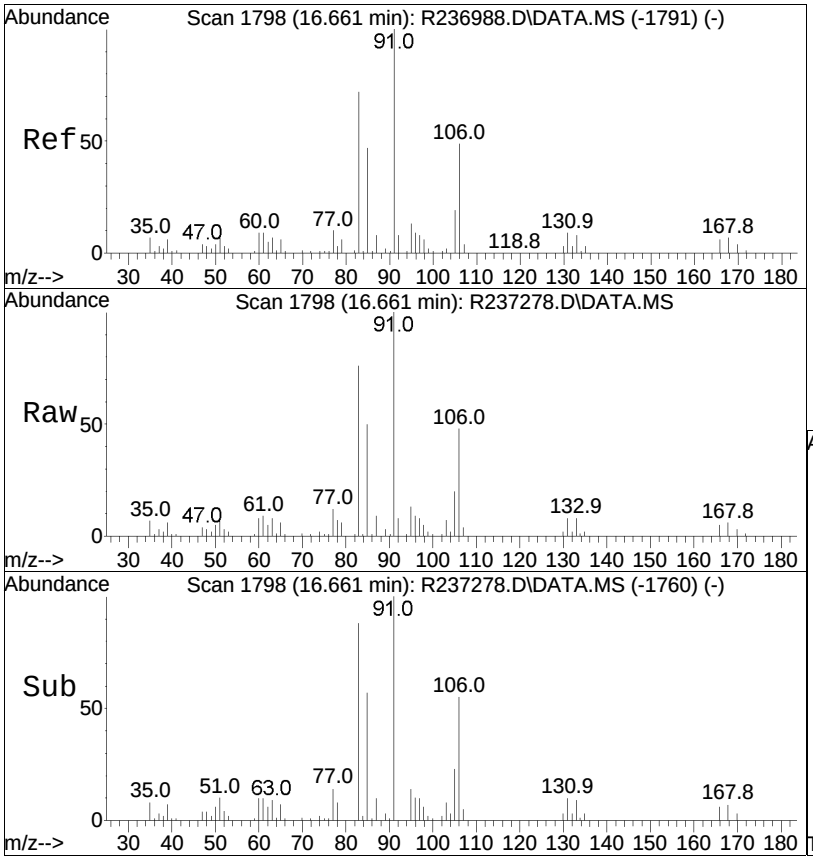


#86
1,1,2,2-tetrachloroethane
Concen: 11.80 ppbV
RT: 16.661 min Scan# 1798
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 83 Resp: 489127

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8

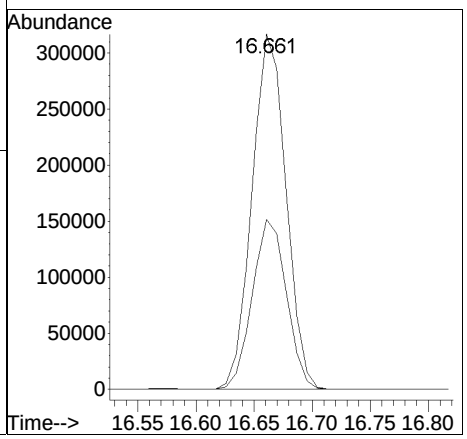


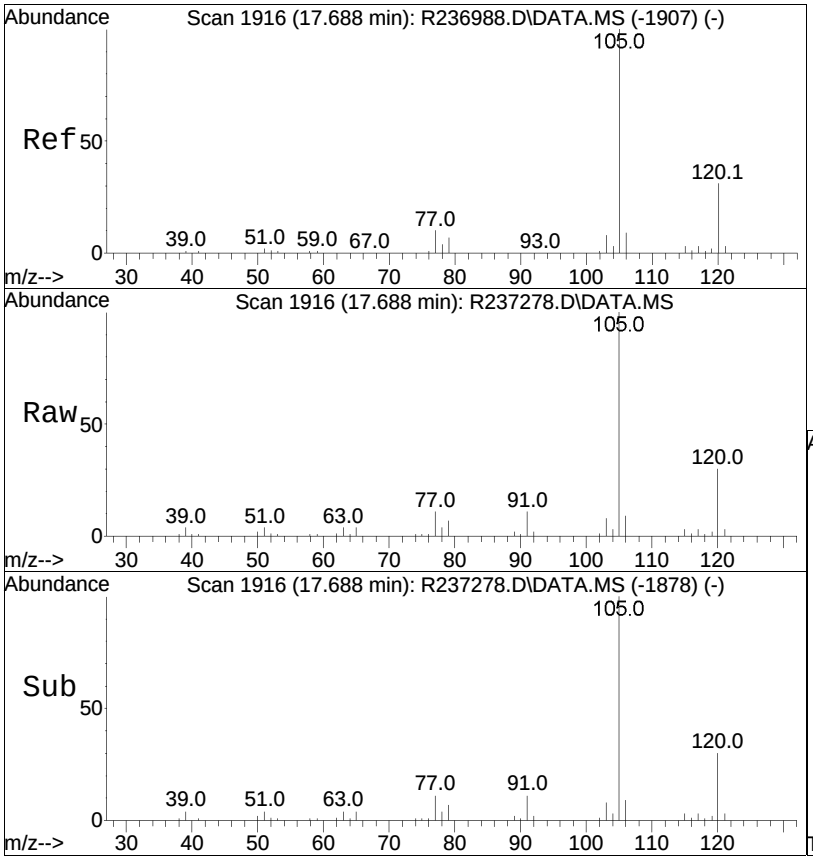


#87
o-xylene
Concen: 11.19 ppbV
RT: 16.661 min Scan# 1798
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 644120

Ion	Ratio	Lower	Upper
91	100		
106	47.8	39.6	59.4

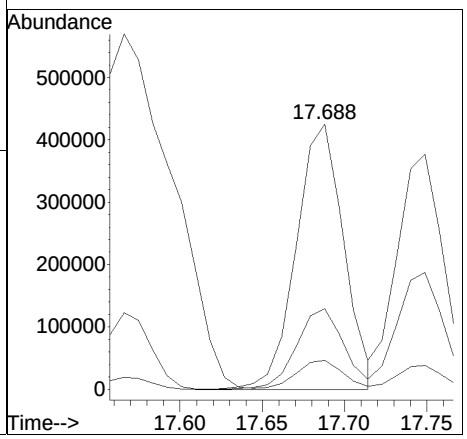


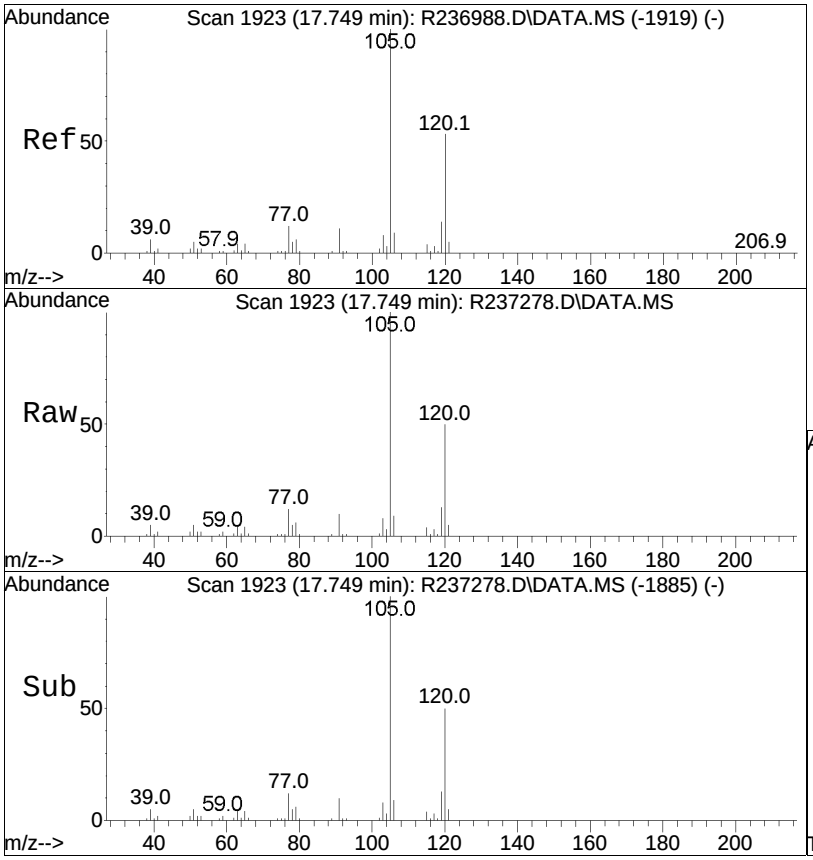


#96
4-ethyl toluene
Concen: 11.27 ppbV
RT: 17.688 min Scan# 1916
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:105 Resp: 853776

Ion	Ratio	Lower	Upper
105	100		
120	30.4	25.1	37.7
91	11.0	8.8	13.2

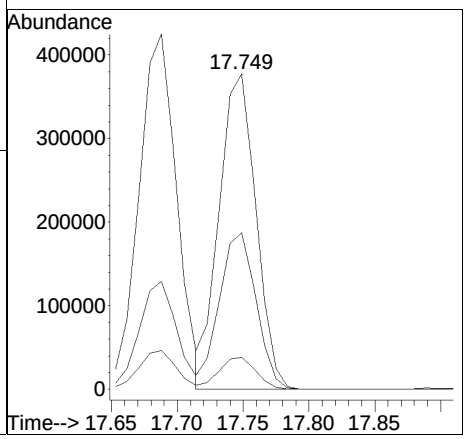


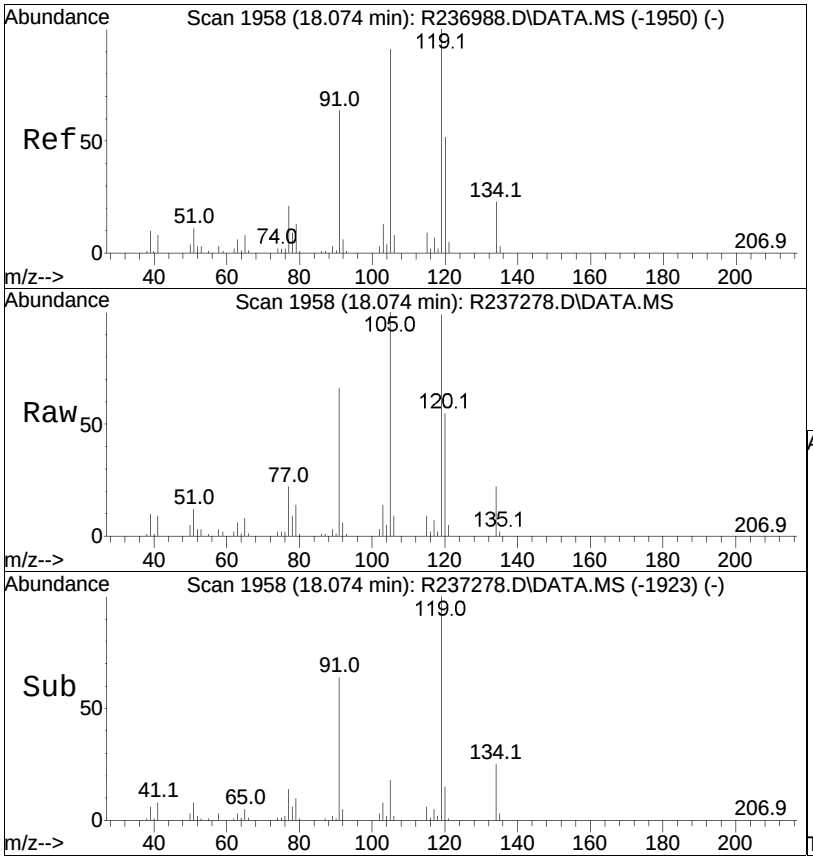


#97
1,3,5-trimethylbenzene
Concen: 11.53 ppbV
RT: 17.749 min Scan# 1923
Delta R.T. 0.000 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:105 Resp: 735758

Ion	Ratio	Lower	Upper
105	100		
120	49.7	40.7	61.1
91	10.2	8.5	12.7

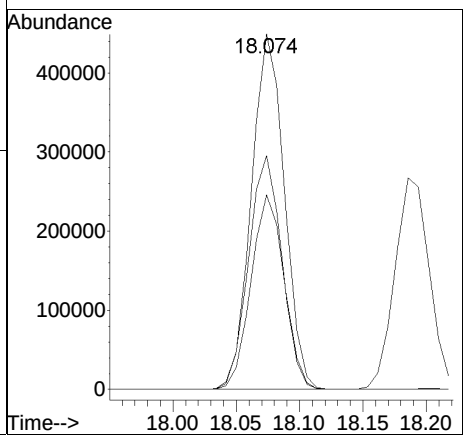


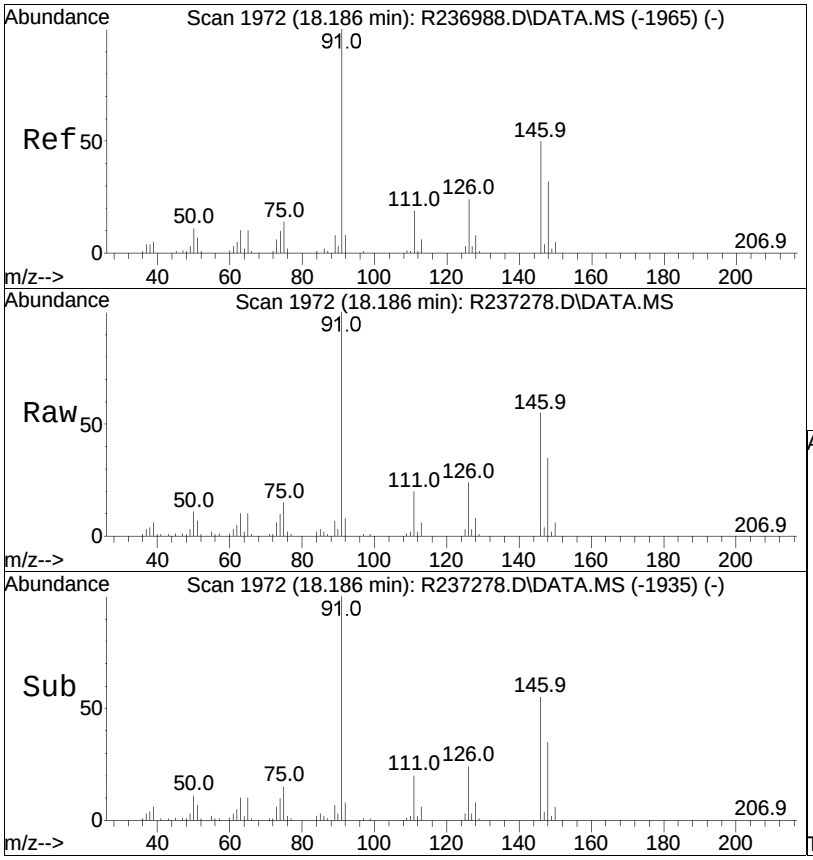


#99
1,2,4-trimethylbenzene
Concen: 11.93 ppbV
RT: 18.074 min Scan# 1958
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:105 Resp: 812920

Ion	Ratio	Lower	Upper
105	100		
120	54.8	45.9	68.9
91	65.8	56.2	84.2

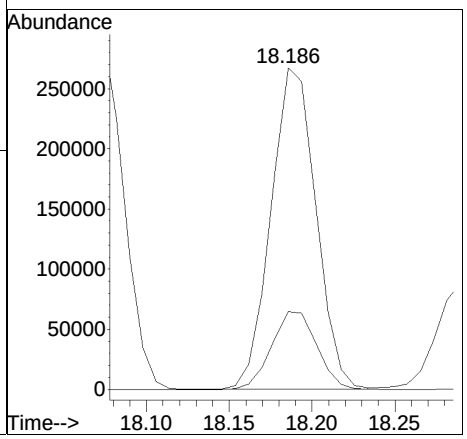


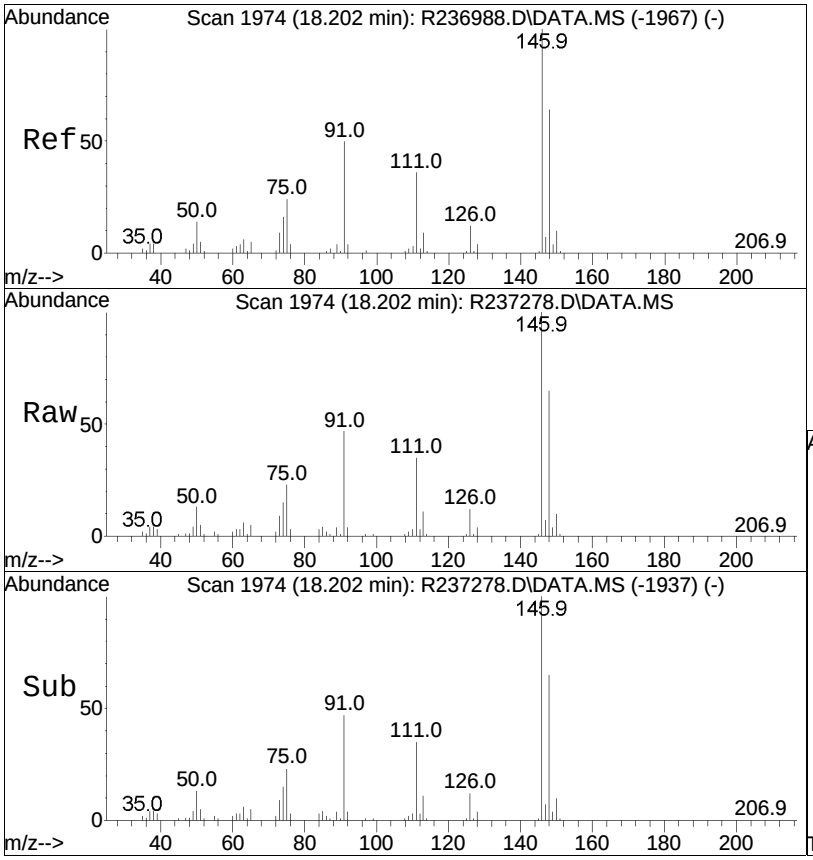


#101
Benzyl Chloride
Concen: 10.38 ppbV
RT: 18.186 min Scan# 1972
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion: 91 Resp: 505117

Ion	Ratio	Lower	Upper
91	100		
126	24.2	18.9	28.3

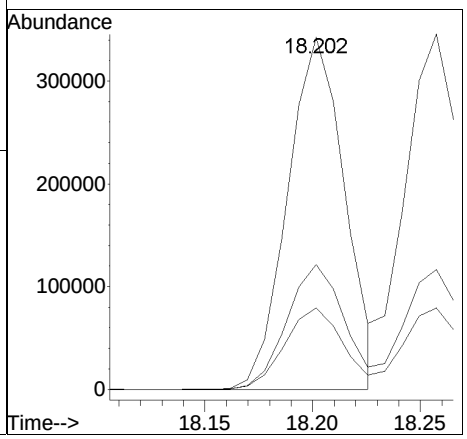


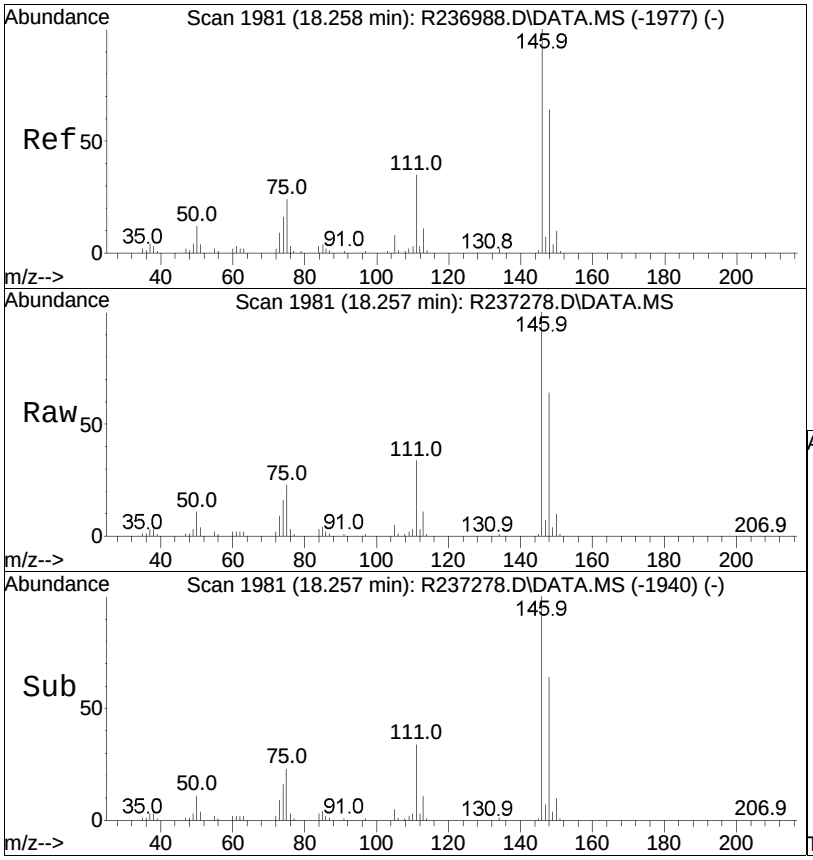


#102
1,3-dichlorobenzene
Concen: 11.70 ppbV
RT: 18.202 min Scan# 1974
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:146 Resp: 632807

Ion	Ratio	Lower	Upper
146	100		
111	35.5	28.8	43.2
75	23.2	18.9	28.3

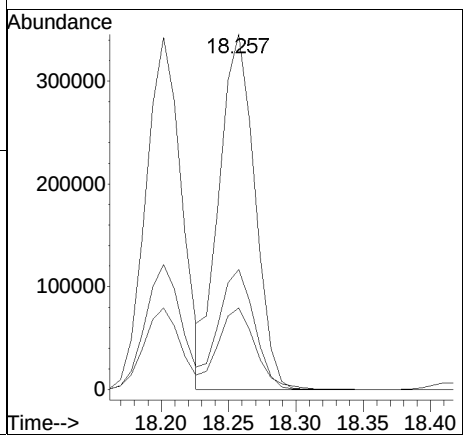


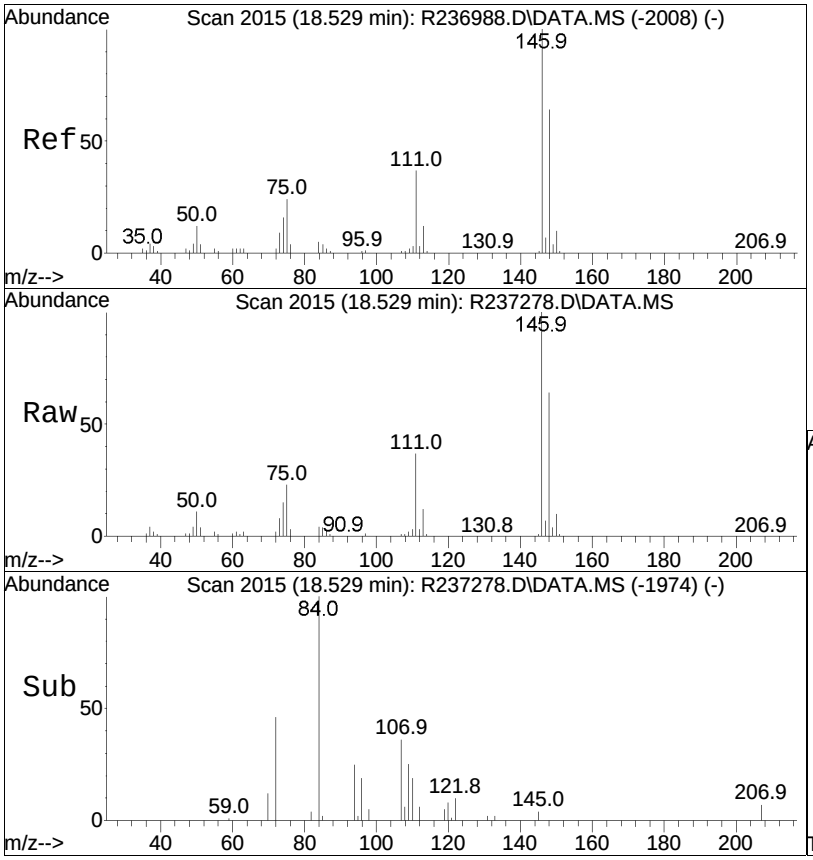


#103
1,4-dichlorobenzene
Concen: 12.30 ppbV
RT: 18.257 min Scan# 1981
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:146 Resp: 637743

Ion	Ratio	Lower	Upper
146	100		
111	33.7	27.7	41.5
75	22.9	18.8	28.2

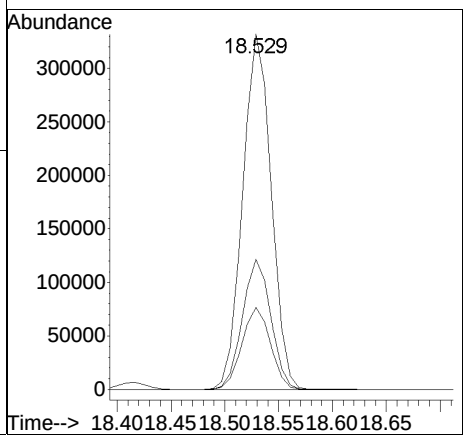


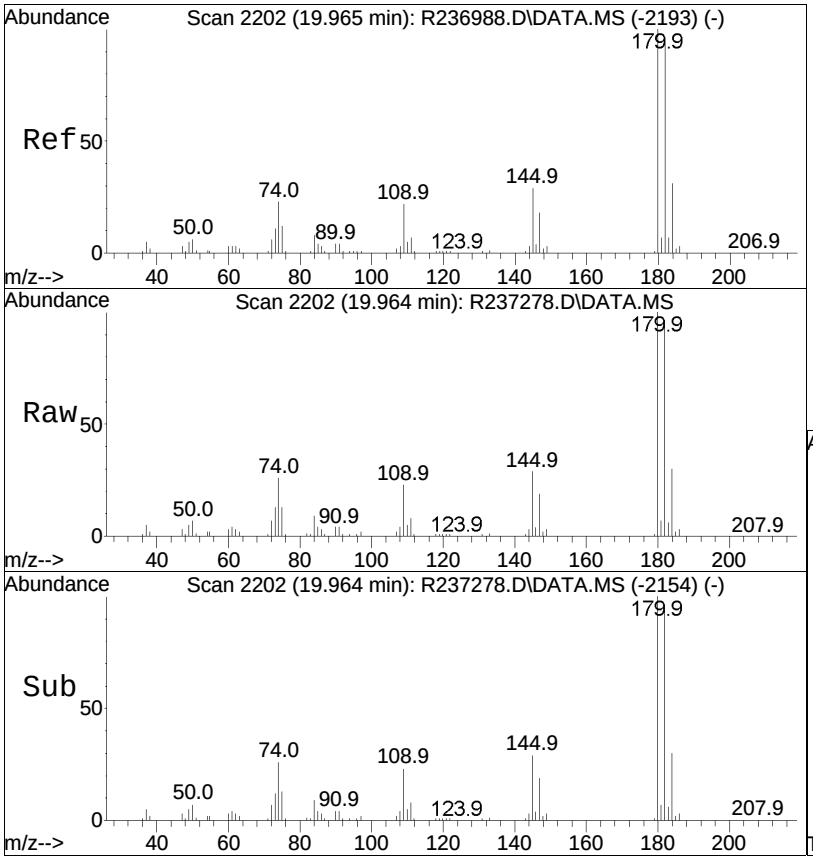


#107
1,2-dichlorobenzene
Concen: 11.95 ppbV
RT: 18.529 min Scan# 2015
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:146 Resp: 611033

Ion	Ratio	Lower	Upper
146	100		
111	36.6	29.8	44.6
75	23.1	18.9	28.3

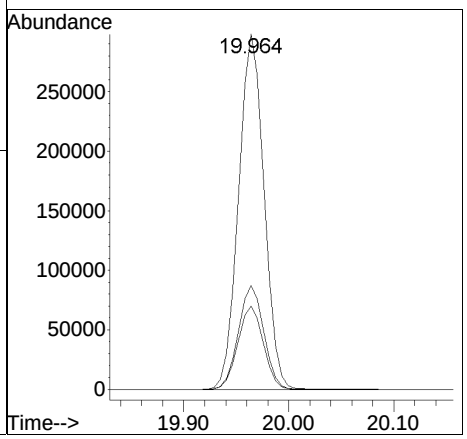


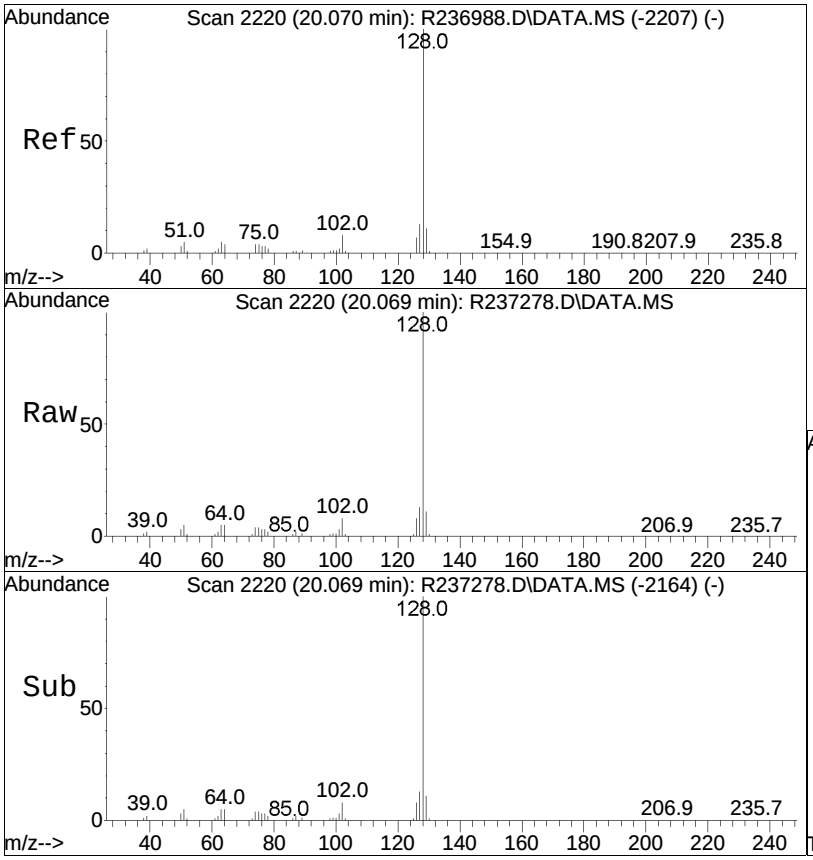


#115
1,2,4-trichlorobenzene
Concen: 11.17 ppbV
RT: 19.964 min Scan# 2202
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:180 Resp: 502836

Ion	Ratio	Lower	Upper
180	100		
145	29.3	22.8	34.2
109	23.5	17.8	26.6

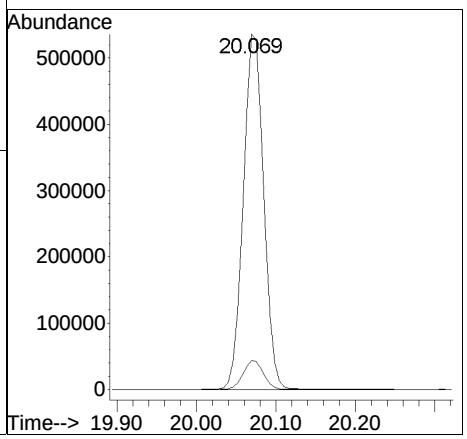


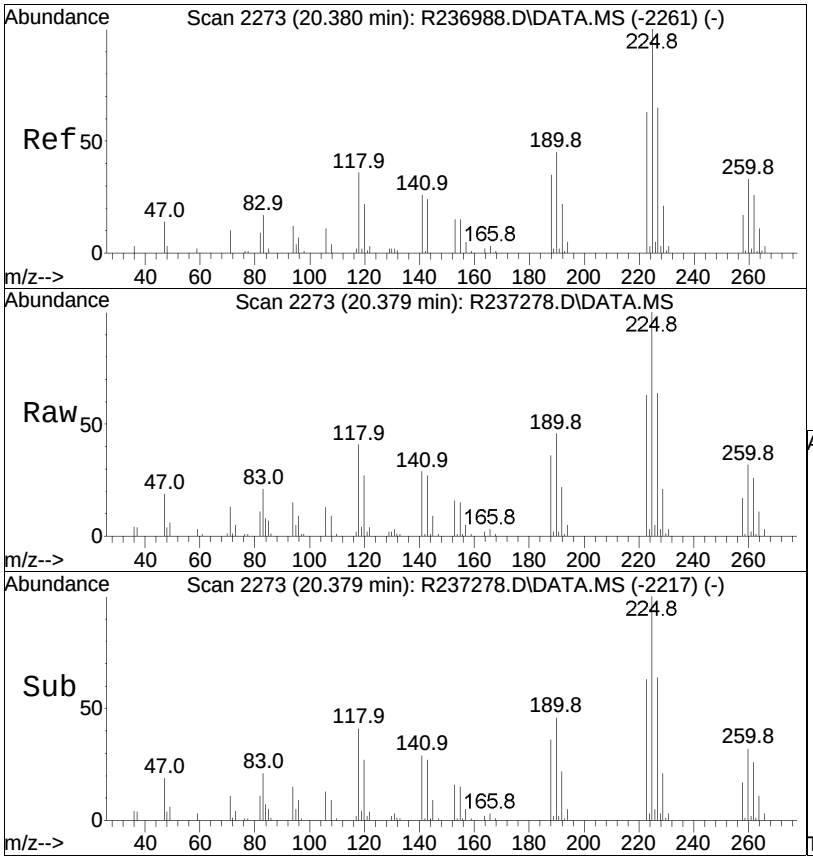


#116
naphthalene
Concen: 10.38 ppbV
RT: 20.069 min Scan# 2220
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:128 Resp: 957369

Ion	Ratio	Lower	Upper
128	100		
102	8.2	6.4	9.6

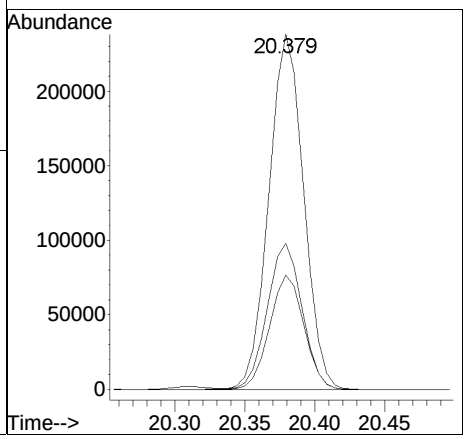




#119
hexachlorobutadiene
Concen: 10.46 ppbV
RT: 20.379 min Scan# 2273
Delta R.T. -0.001 min
Lab File: R237278.D
Acq: 11 Dec 2025 03:40 pm

Tgt Ion:225 Resp: 411104

Ion	Ratio	Lower	Upper
225	100		
260	32.2	26.3	39.5
118	41.1	29.2	43.8



Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152814-5,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 08:58:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.878	49	147343	10.000	ppbV	0.00
Standard Area = 166247			Recovery = 88.63%			
43) 1,4-difluorobenzene	11.056	114	530390	10.000	ppbV	0.00
Standard Area = 589128			Recovery = 90.03%			
67) chlorobenzene-D5	15.734	54	76022	10.000	ppbV	0.00
Standard Area = 84733			Recovery = 89.72%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.880	85	14795	0.371	ppbV	100
6) chloromethane	4.050	50	5590	0.506	ppbV	99
7) Freon-114	4.149		0	N.D.		
10) 1,3-butadiene	4.413		0	N.D.		
13) bromomethane	0.000		0	N.D.	d	
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.010	31	22162	3.901	ppbV	84
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.508	43	56129M6	3.901	ppbV	
21) trichlorofluoromethane	5.683	101	7717	0.182	ppbV	95
22) isopropyl alcohol	5.794	45	10283	0.679	ppbV #	86
27) tertiary butyl alcohol	6.482	59	929	0.049	ppbV #	1
28) methylene chloride	6.510	49	1879	0.147	ppbV	88
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.		
31) Freon 113	6.813	101	1935	0.057	ppbV #	88
32) trans-1,2-dichloroethene	7.546	61	42429	2.554	ppbV	92
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.213	43	30763	1.674	ppbV	98
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	9.025		0	N.D.		
40) Tetrahydrofuran	9.490	42	12417	1.309	ppbV	95
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	8.952	57	1603	0.114	ppbV #	1
50) benzene	10.651	78	8812	0.228	ppbV	99
53) cyclohexane	10.953		0	N.D.		
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152814-5,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 08:58:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211T\R237278.D
Sub List : TO15-NY+NAPH-7-SIM - .

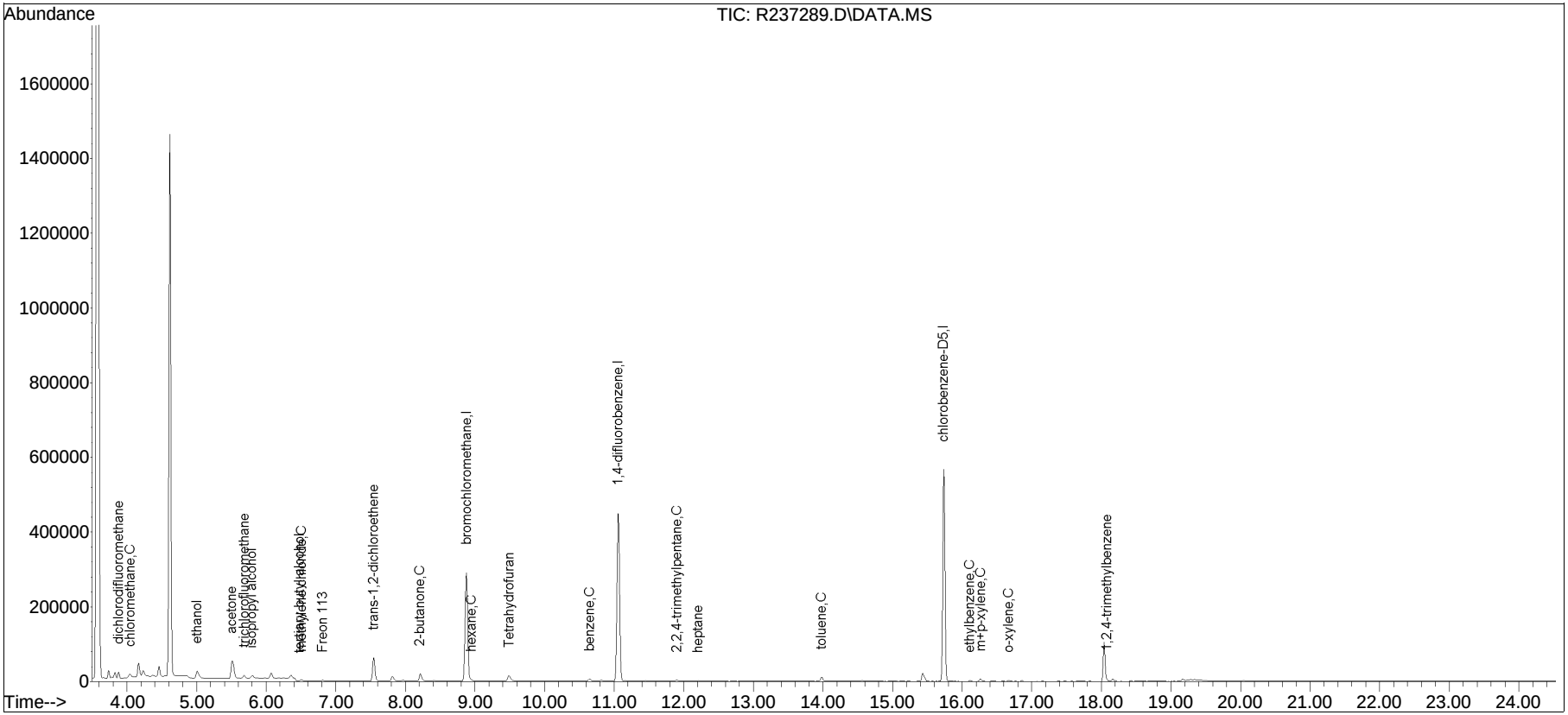
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 1,4-dioxane	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	11.905	57	3543	0.081	ppbV #	84
62) heptane	12.206	43	996	0.074	ppbV #	62
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	13.980	91	12030	0.229	ppbV	99
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	16.108	91	3234	0.048	ppbV	99
83) m+p-xylene	16.265	91	6272	0.123	ppbV	96
84) bromoform	0.000		0	N.D.		
85) styrene	16.579		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	16.666	91	2656	0.051	ppbV	100
96) 4-ethyl toluene	17.675		0	N.D.		
97) 1,3,5-trimethylbenzene	17.754		0	N.D.		
99) 1,2,4-trimethylbenzene	18.079	105	2764M4	0.045	ppbV	
101) Benzyl Chloride	18.079		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
116) naphthalene	20.098		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

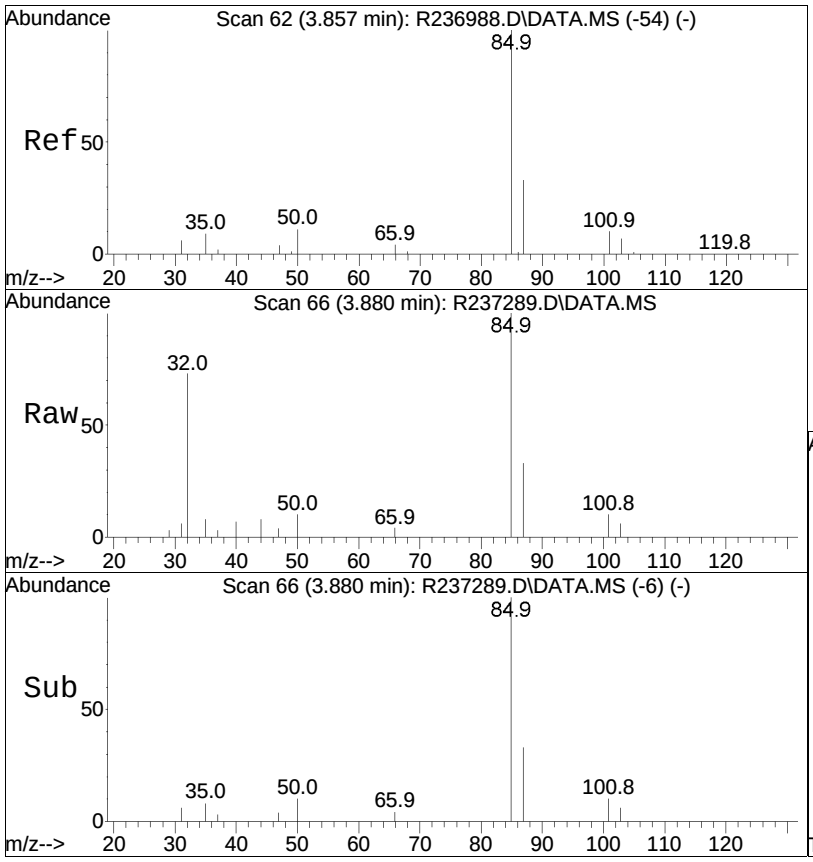
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY+NAPH-7-SIM - .3\2025\12\1211T\R237278.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211T\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152814-5,3,250,250
Misc : WG2152814,ICAL22840
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 08:58:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211T\TFS23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 15:33:01 2025
Response via : Initial Calibration

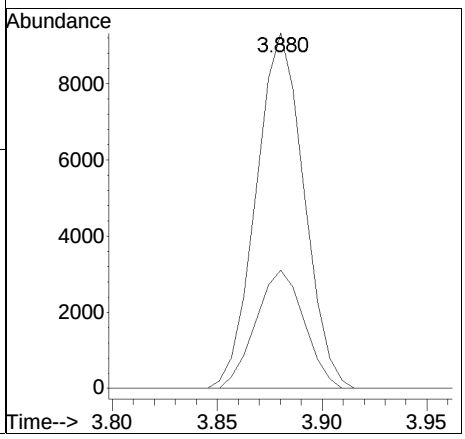


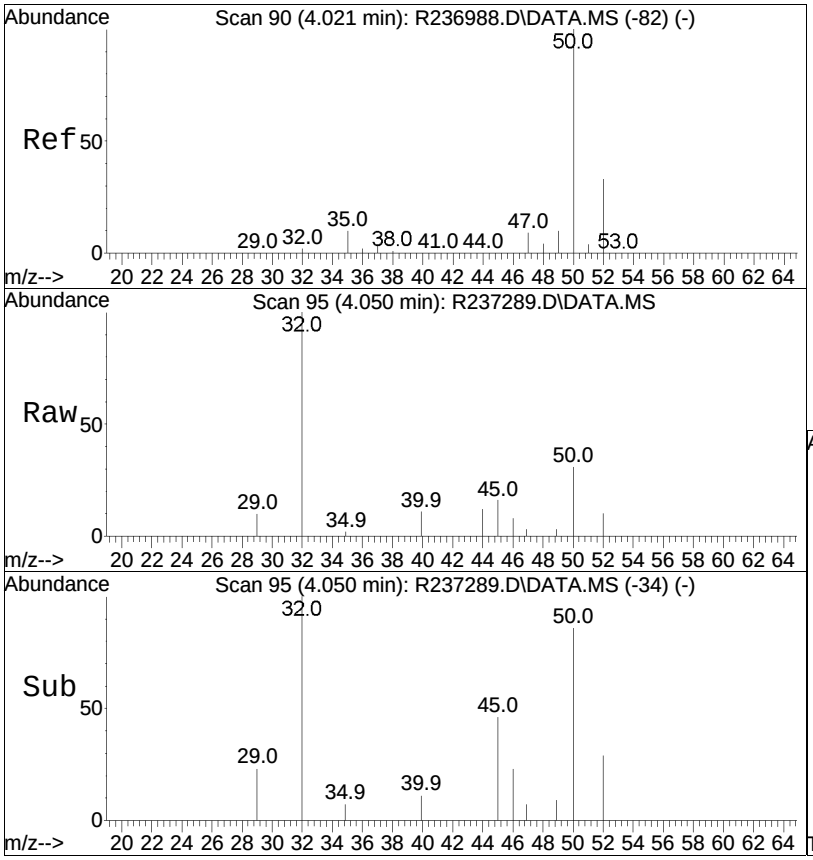


#5
dichlorodifluoromethane
Concen: 0.37 ppbV
RT: 3.880 min Scan# 66
Delta R.T. 0.024 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 85 Resp: 14795

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.8	40.2

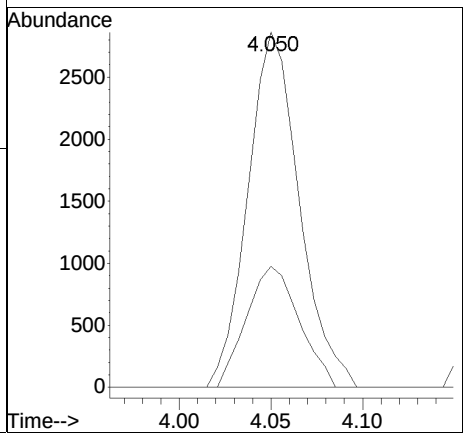


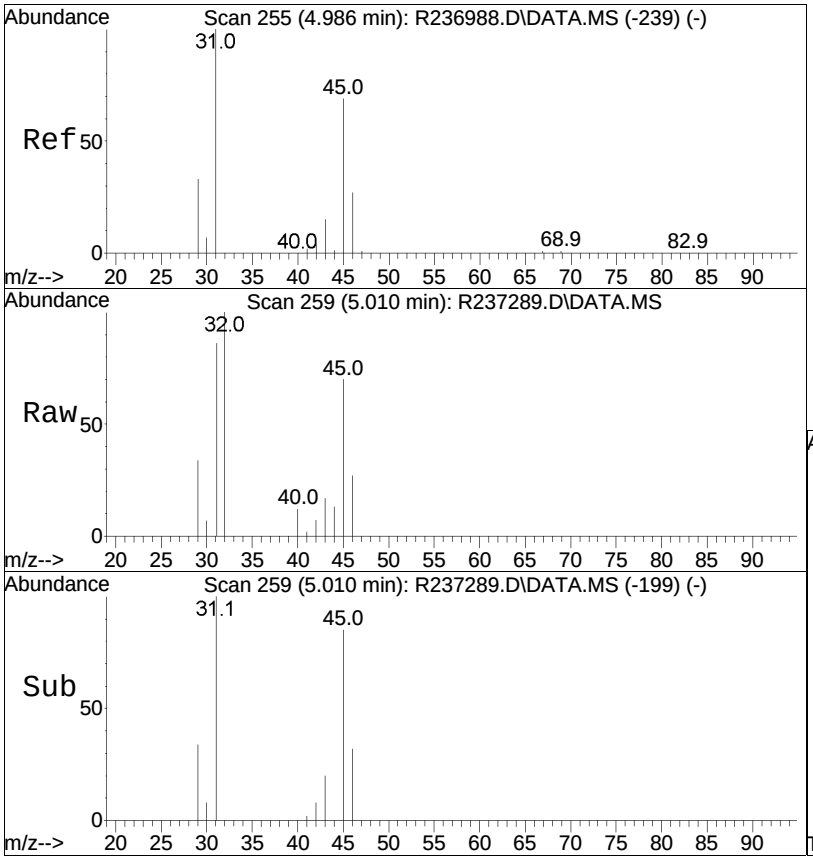


#6
chloromethane
Concen: 0.51 ppbV
RT: 4.050 min Scan# 95
Delta R.T. 0.029 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 50 Resp: 5590

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.8	40.2

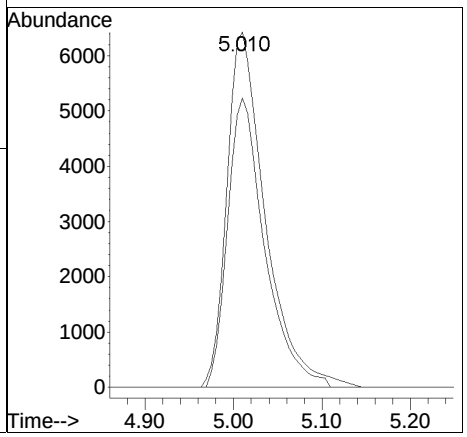


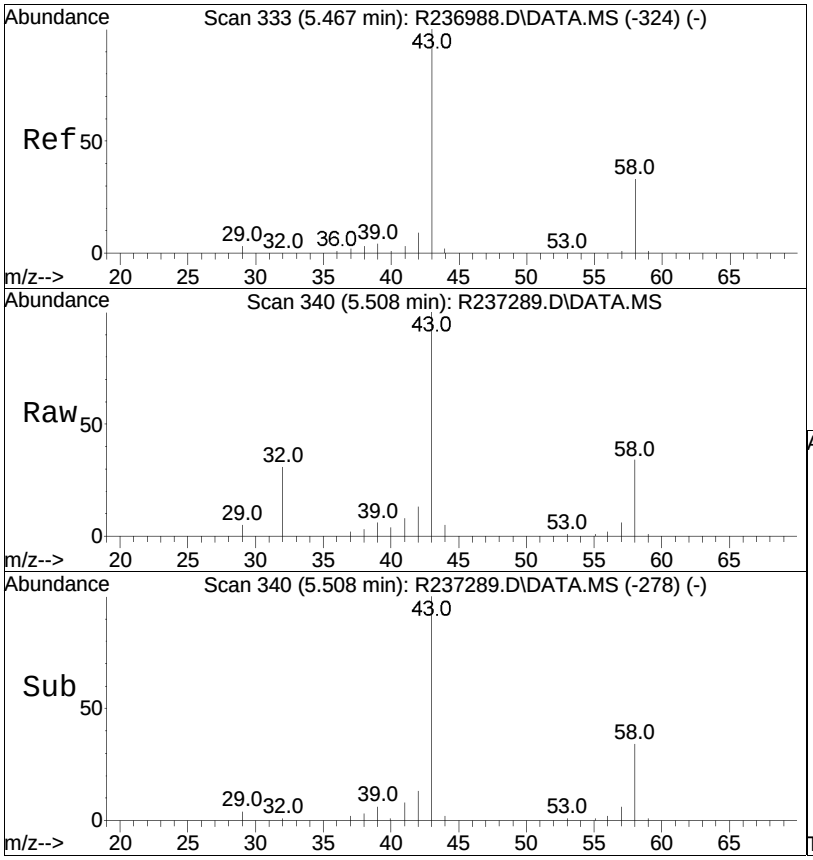


#15
ethanol
Concen: 3.90 ppbV
RT: 5.010 min Scan# 259
Delta R.T. 0.023 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 31 Resp: 22162

Ion	Ratio	Lower	Upper
31	100		
45	81.4	55.0	82.6

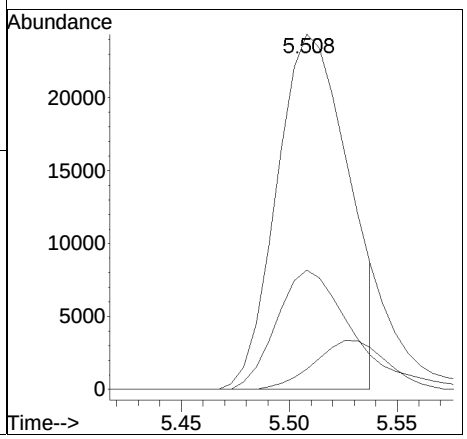


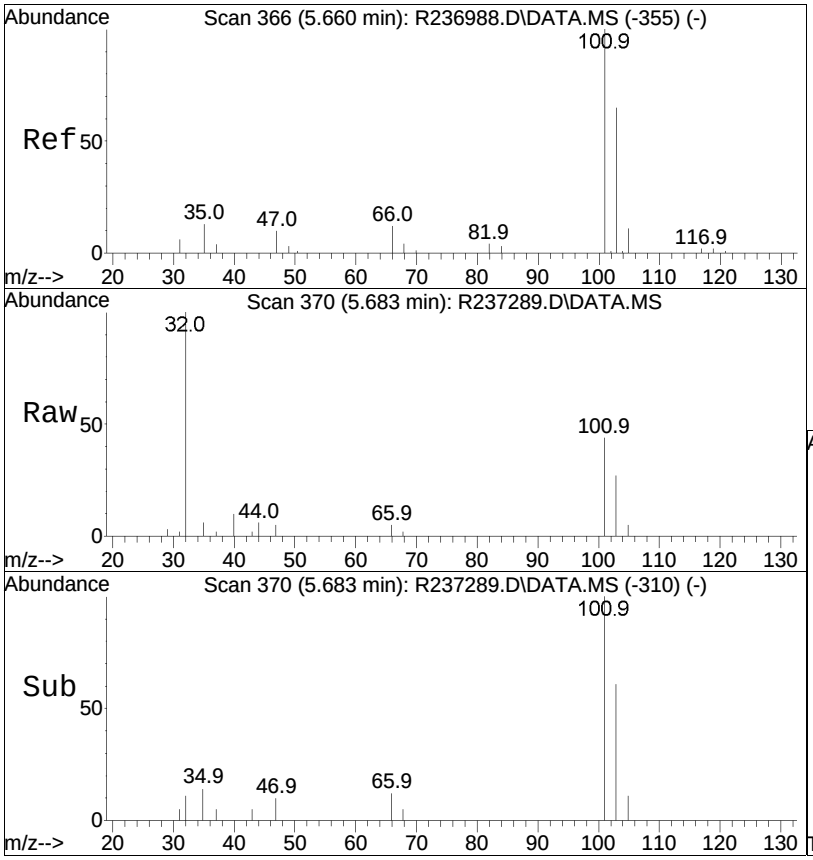


#19
acetone
Concen: 3.90 ppbV m
RT: 5.508 min Scan# 340
Delta R.T. 0.041 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 43 Resp: 56129

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.2	39.4
57	5.7	0.7	1.1#

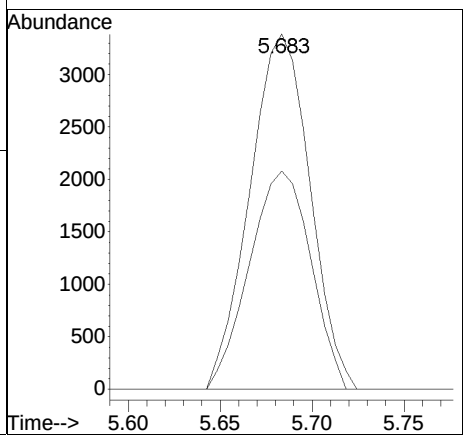


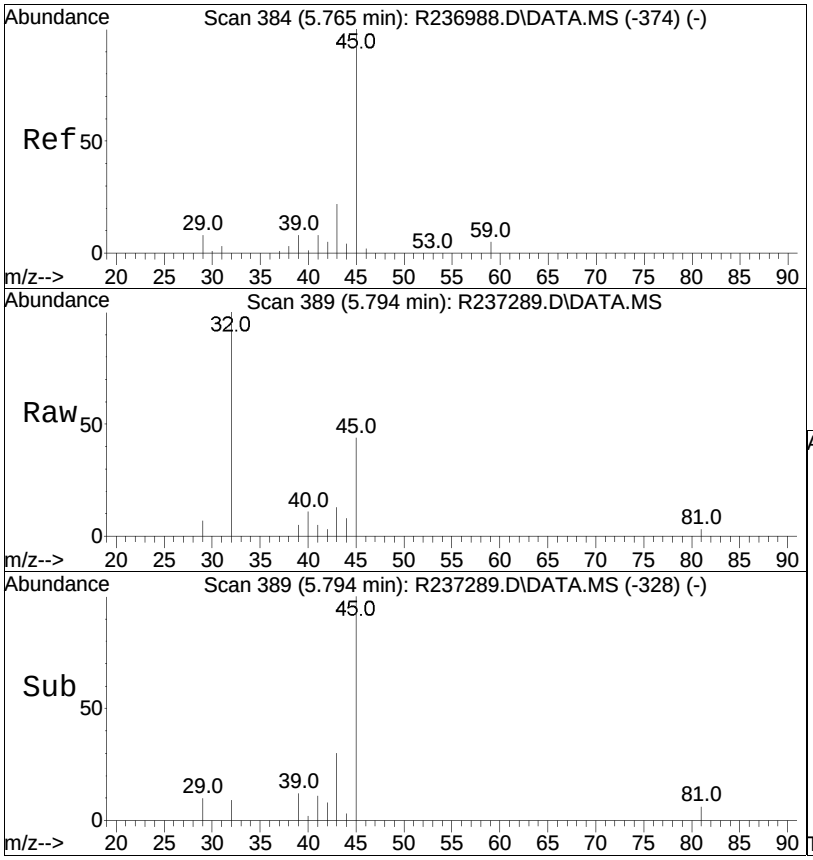


#21
trichlorofluoromethane
Concen: 0.18 ppbV
RT: 5.683 min Scan# 370
Delta R.T. 0.023 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:101 Resp: 7717

Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.1	78.1

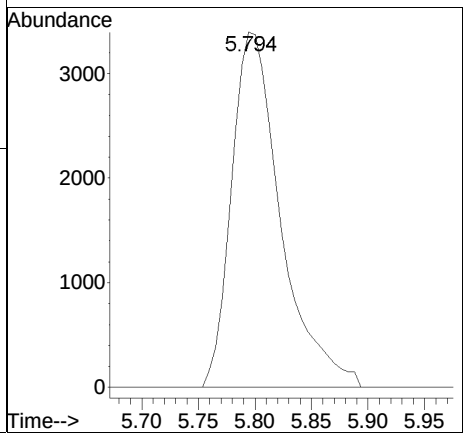


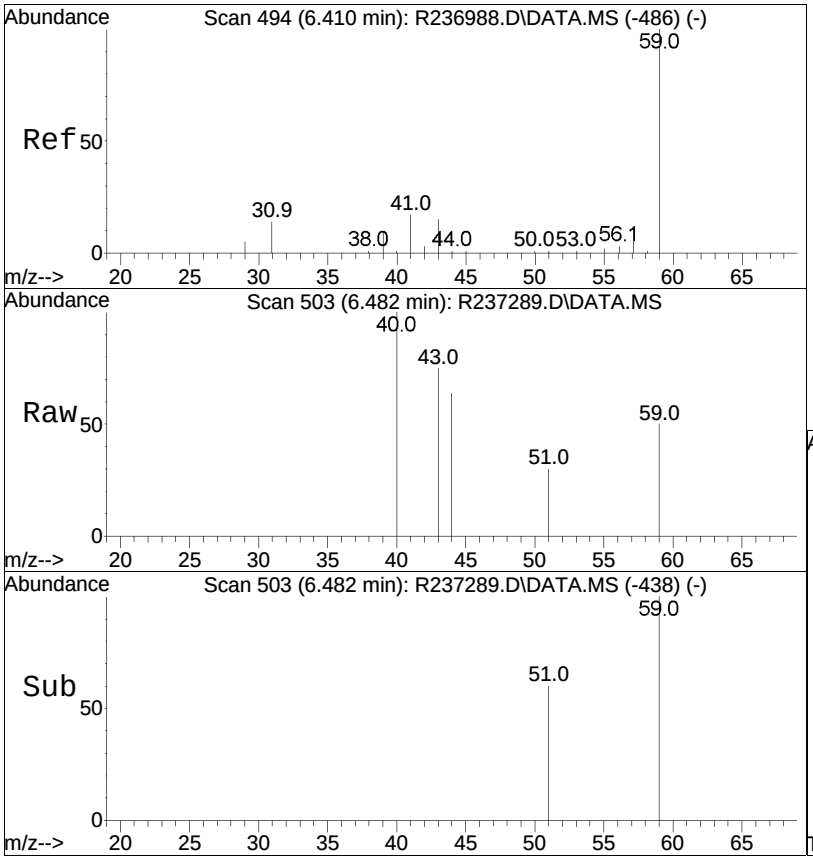


#22
isopropyl alcohol
Concen: 0.68 ppbV
RT: 5.794 min Scan# 389
Delta R.T. 0.029 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 45 Resp: 10283

Ion	Ratio	Lower	Upper
45	100		
59	0.0	3.8	5.6#

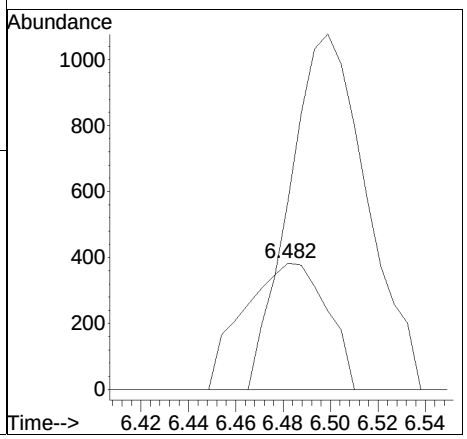


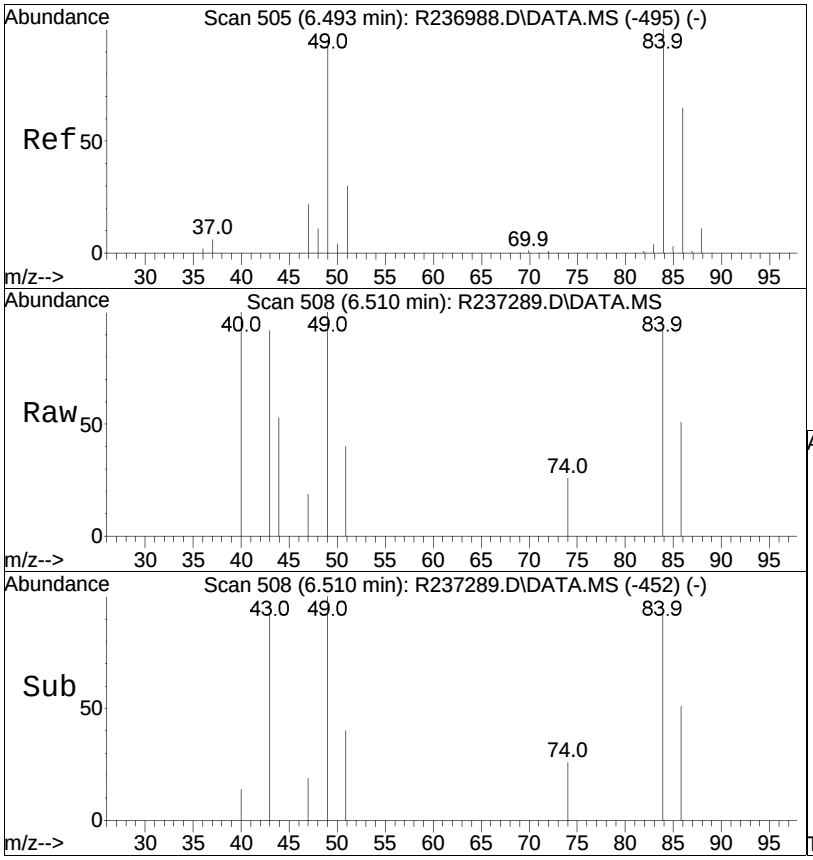


#27
tertiary butyl alcohol
Concen: 0.05 ppbV
RT: 6.482 min Scan# 503
Delta R.T. 0.072 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 59 Resp: 929

Ion	Ratio	Lower	Upper
59	100		
41	0.0	13.6	20.4#
43	149.3	11.7	17.5#

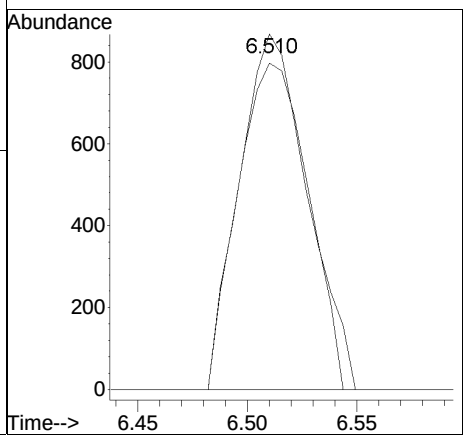


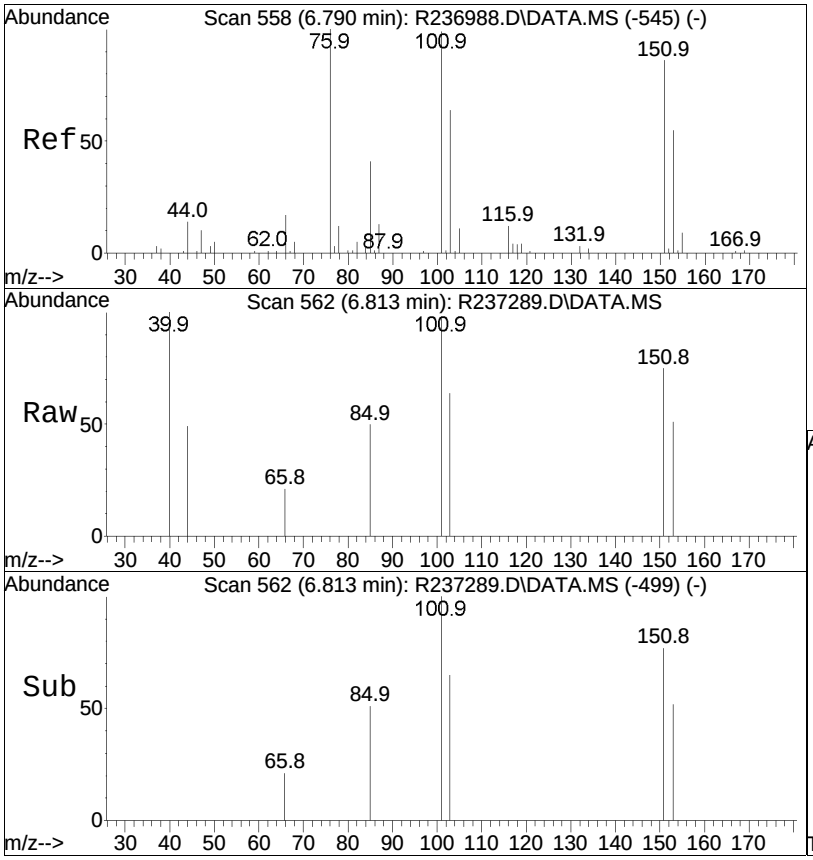


#28
methylene chloride
Concen: 0.15 ppbV
RT: 6.510 min Scan# 508
Delta R.T. 0.017 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 49 Resp: 1879

Ion	Ratio	Lower	Upper
49	100		
84	91.8	83.7	125.5

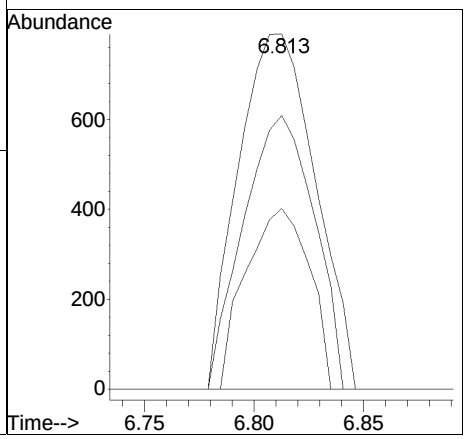


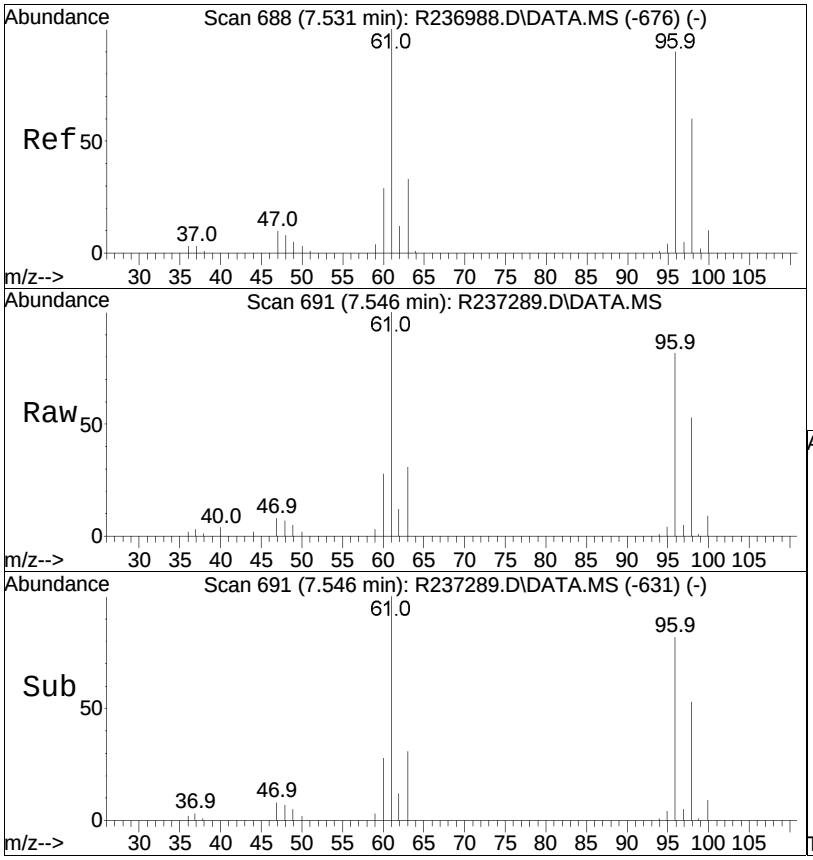


#31
Freon 113
Concen: 0.06 ppbV
RT: 6.813 min Scan# 562
Delta R.T. 0.022 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:101 Resp: 1935

Ion	Ratio	Lower	Upper
101	100		
85	50.9	33.0	49.6#
151	77.1	69.8	104.8

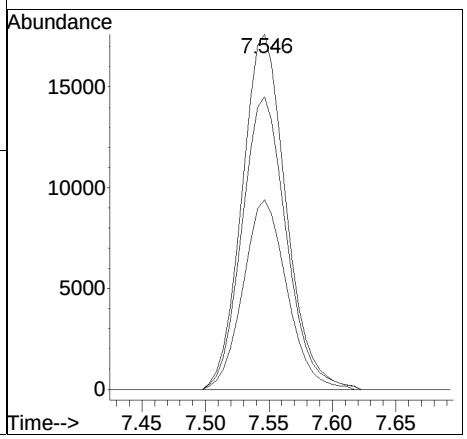


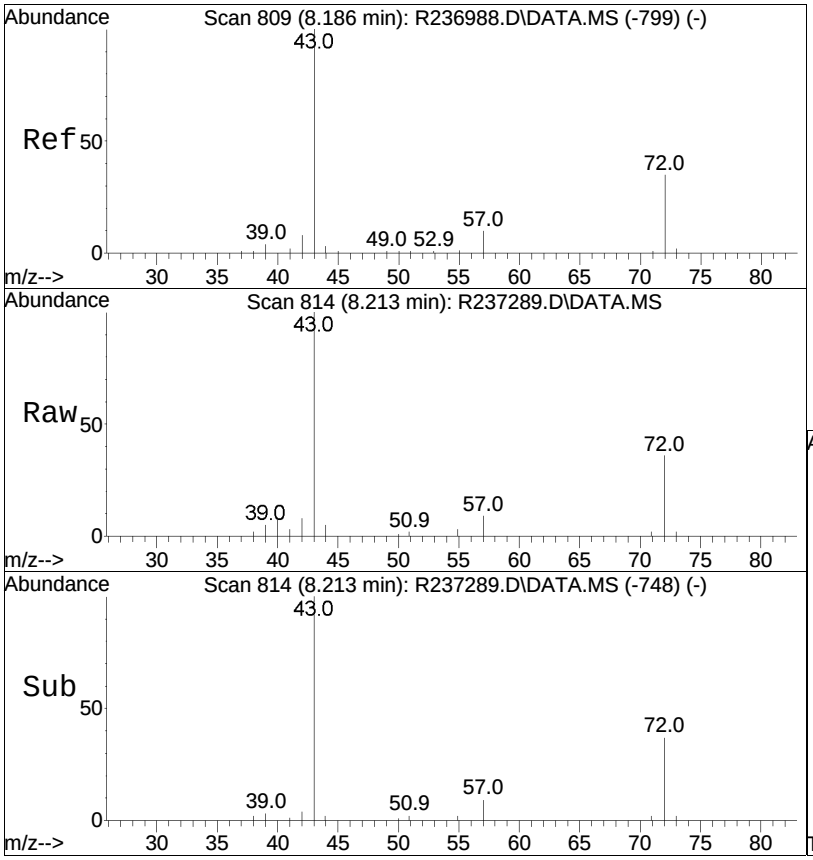


#32
trans-1,2-dichloroethene
Concen: 2.55 ppbV
RT: 7.546 min Scan# 691
Delta R.T. 0.016 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 61 Resp: 42429

Ion	Ratio	Lower	Upper
61	100		
96	82.4	72.4	108.6
98	53.4	47.7	71.5

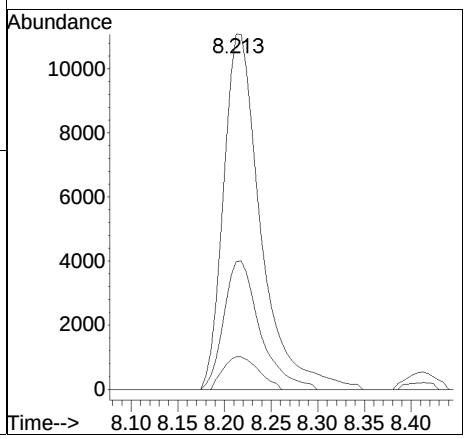


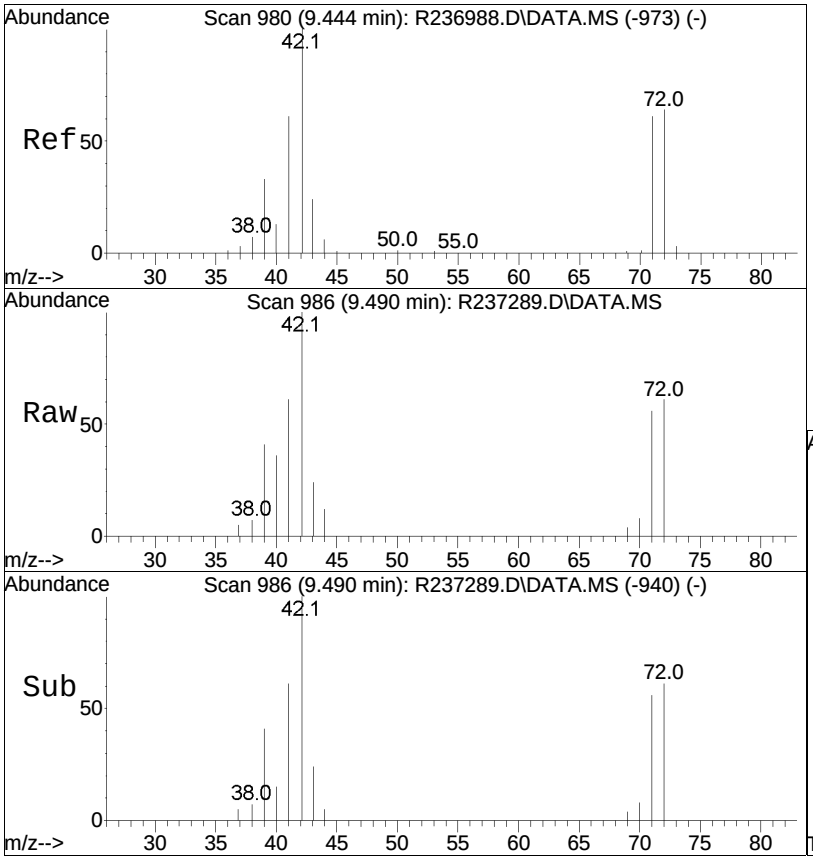


#36
2-butanone
Concen: 1.67 ppbV
RT: 8.213 min Scan# 814
Delta R.T. 0.027 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 43 Resp: 30763

Ion	Ratio	Lower	Upper
43	100		
72	36.0	27.8	41.6
57	9.2	7.7	11.5

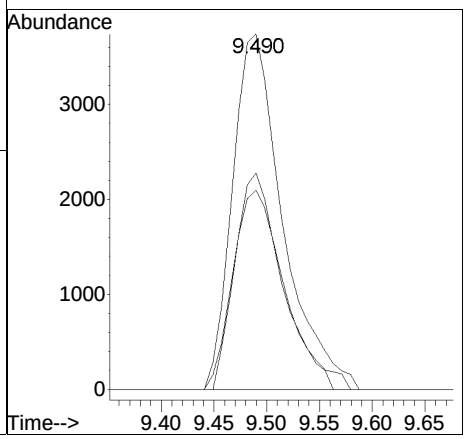


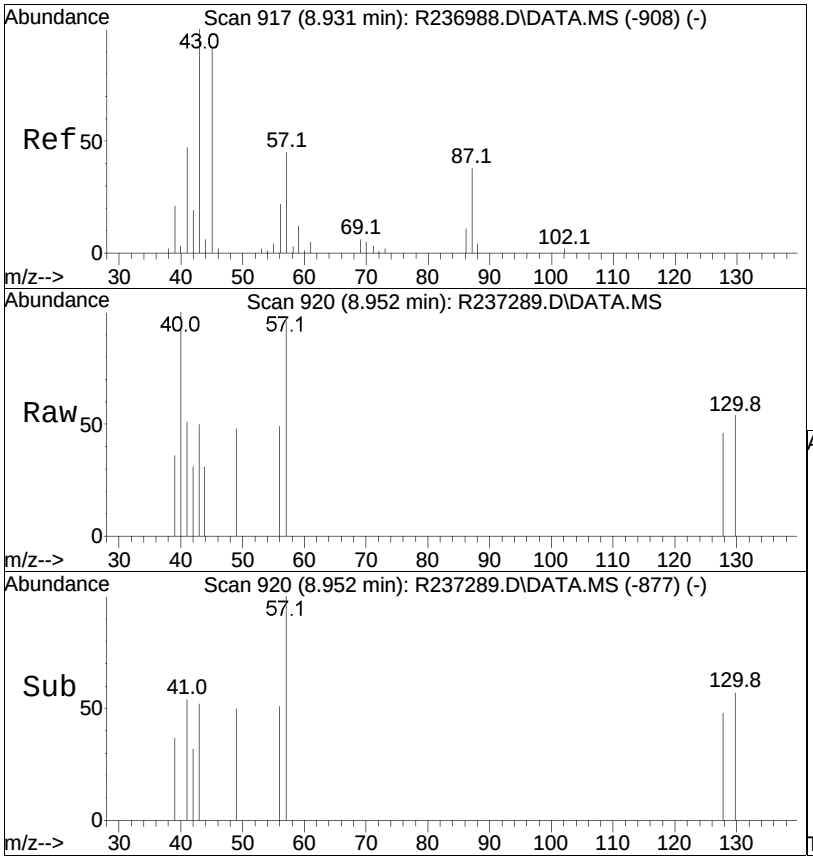


#40
Tetrahydrofuran
Concen: 1.31 ppbV
RT: 9.490 min Scan# 986
Delta R.T. 0.046 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 42 Resp: 12417

Ion	Ratio	Lower	Upper
42	100		
71	56.0	48.6	72.8
72	60.9	51.2	76.8

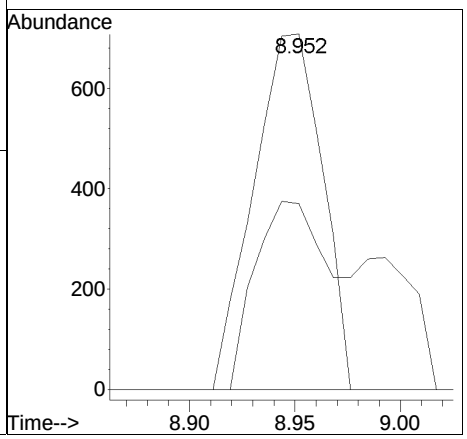


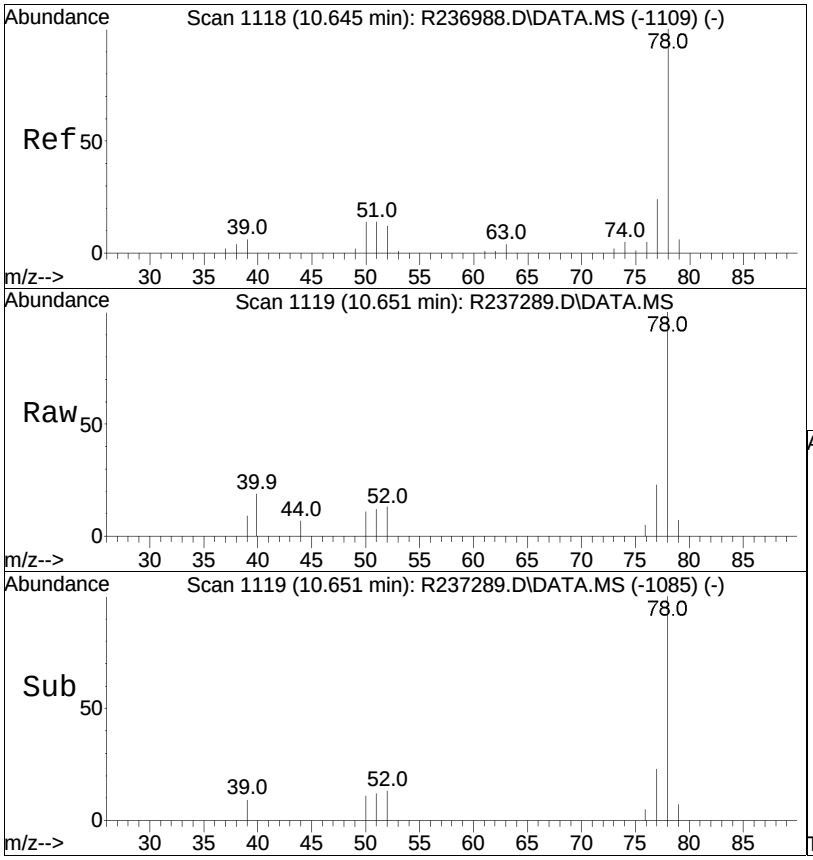


#44
hexane
Concen: 0.11 ppbV
RT: 8.952 min Scan# 920
Delta R.T. 0.021 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 57 Resp: 1603

Ion	Ratio	Lower	Upper
57	100		
43	52.3	177.1	265.7#
86	0.0	18.6	28.0#

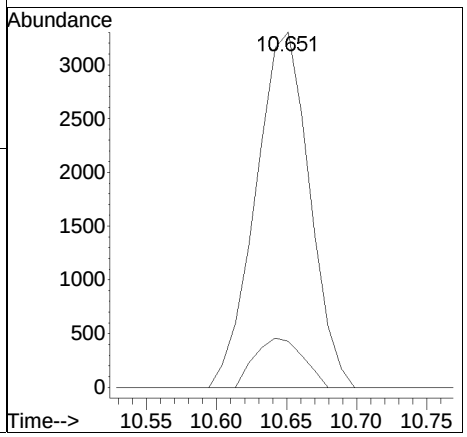


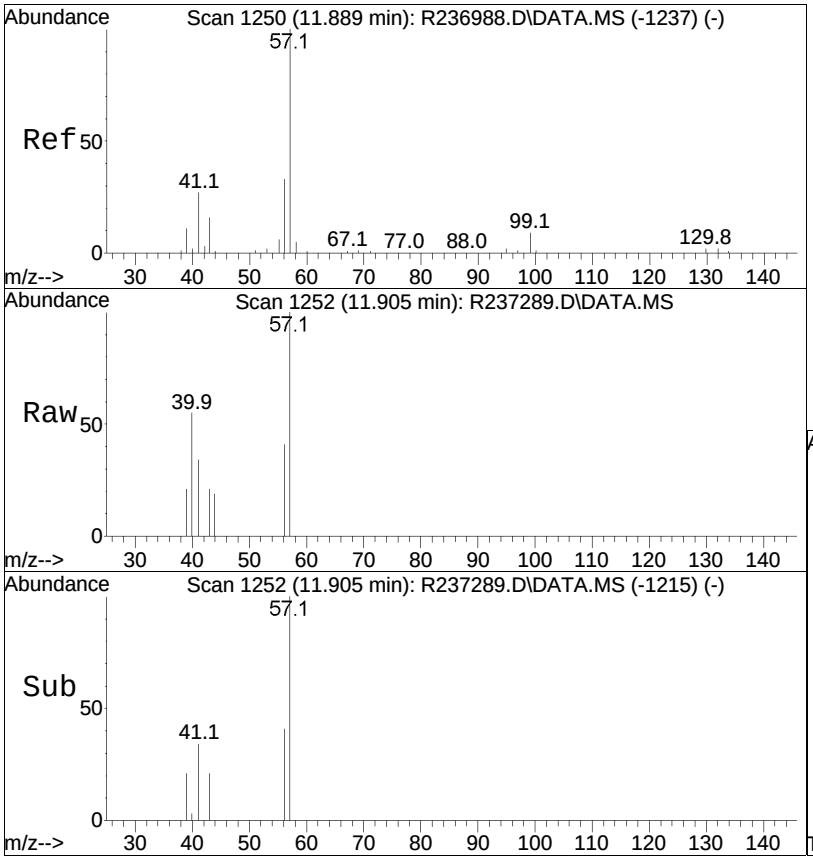


#50
benzene
Concen: 0.23 ppbV
RT: 10.651 min Scan# 1119
Delta R.T. 0.006 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 78 Resp: 8812

Ion	Ratio	Lower	Upper
78	100		
52	13.0	9.9	14.9

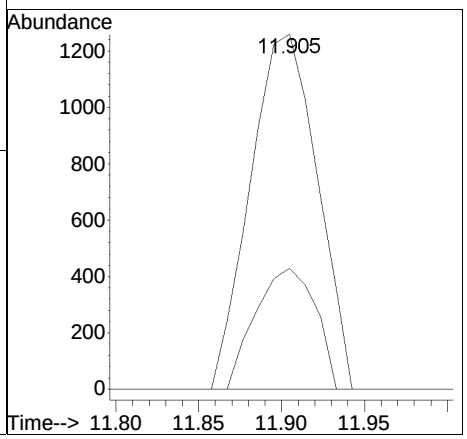


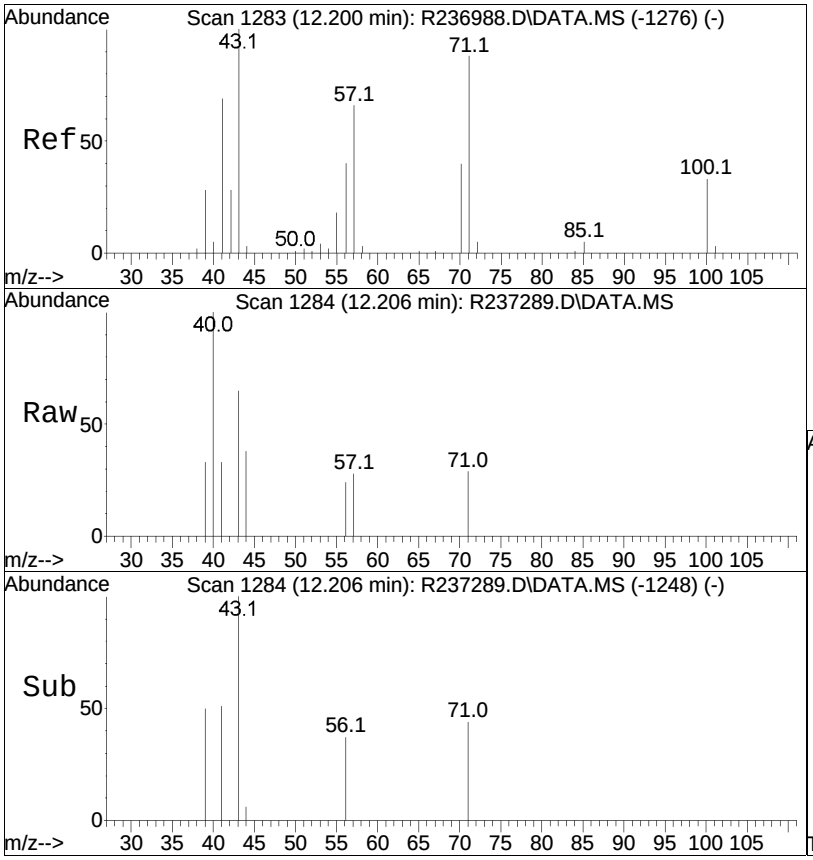


#60
2,2,4-trimethylpentane
Concen: 0.08 ppbV
RT: 11.905 min Scan# 1252
Delta R.T. 0.016 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 57 Resp: 3543

Ion	Ratio	Lower	Upper
57	100		
99	0.0	6.8	10.2#
41	34.0	21.8	32.8#

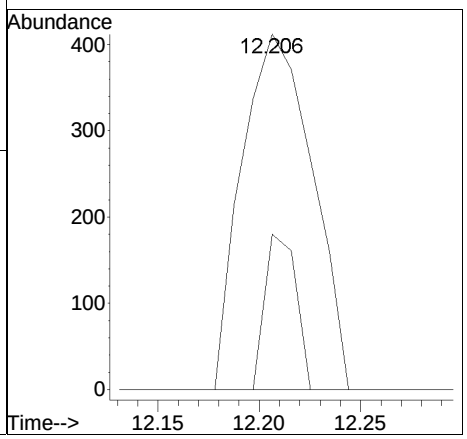


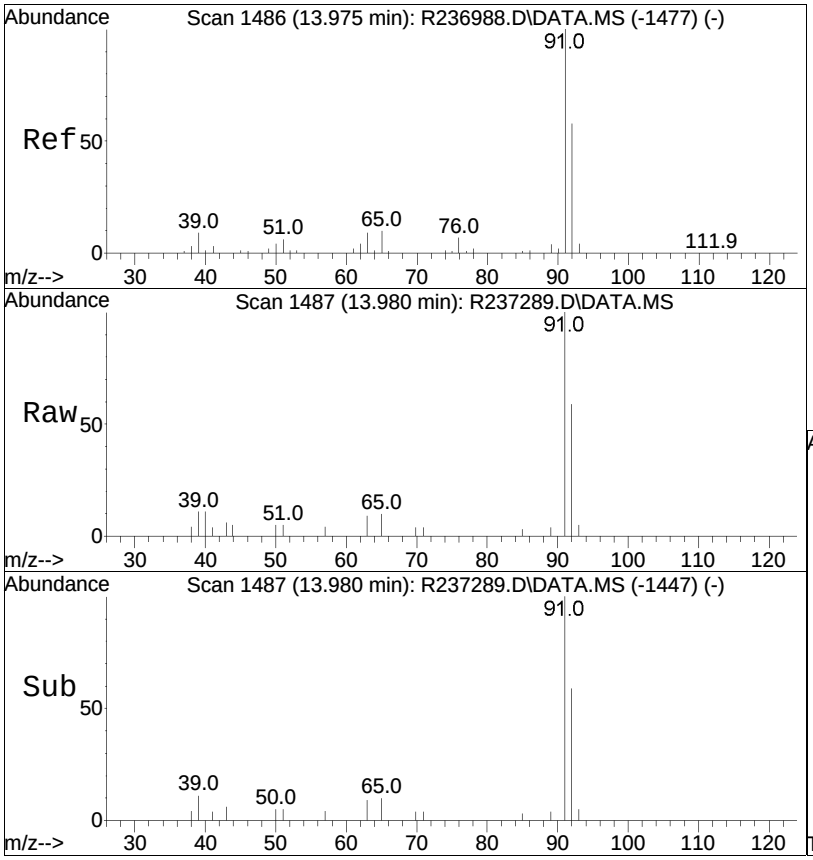


#62
heptane
Concen: 0.07 ppbV
RT: 12.206 min Scan# 1284
Delta R.T. 0.006 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 43 Resp: 996

Ion	Ratio	Lower	Upper
43	100		
57	43.7	52.8	79.2#
100	0.0	26.8	40.2#

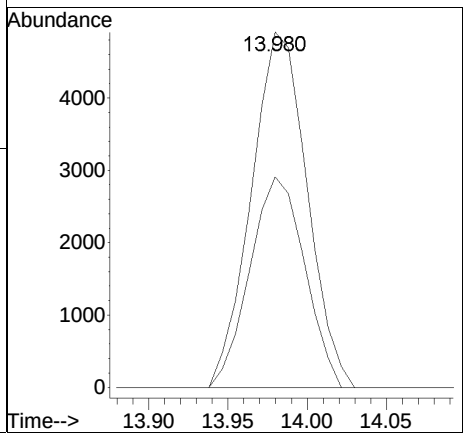


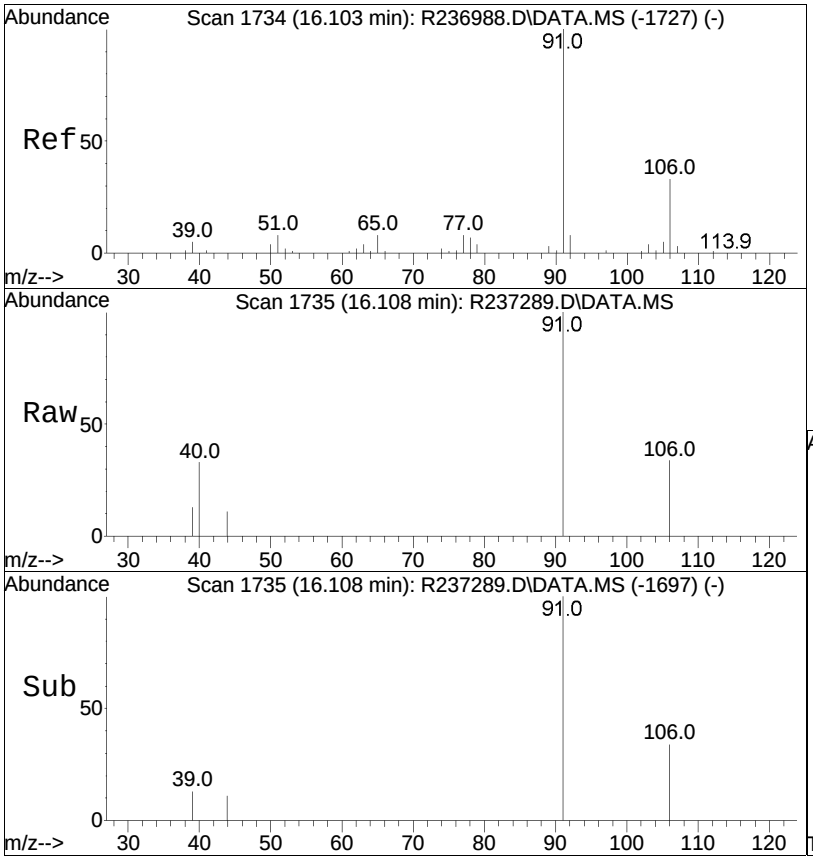


#68
toluene
Concen: 0.23 ppbV
RT: 13.980 min Scan# 1487
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 12030

Ion	Ratio	Lower	Upper
91	100		
92	59.3	46.6	70.0

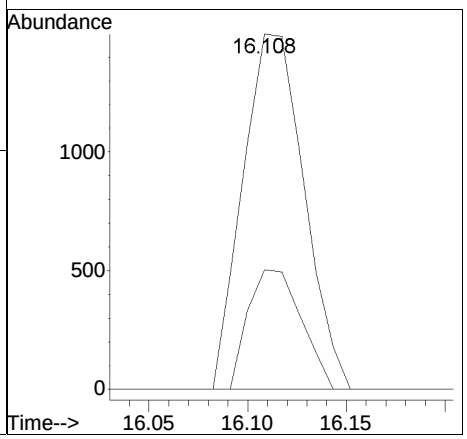


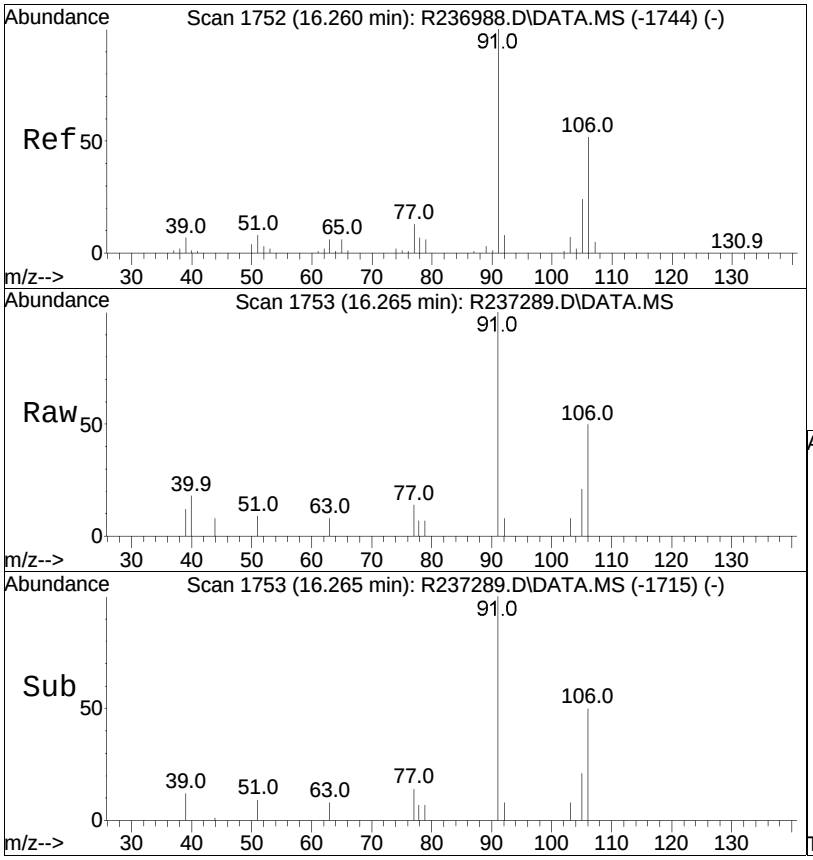


#81
ethylbenzene
Concen: 0.05 ppbV
RT: 16.108 min Scan# 1735
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 3234

Ion	Ratio	Lower	Upper
91	100		
106	33.7	26.6	40.0

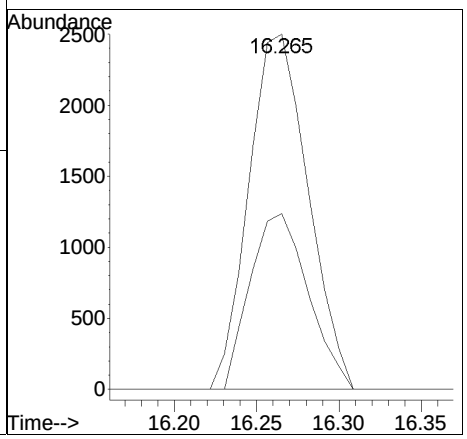


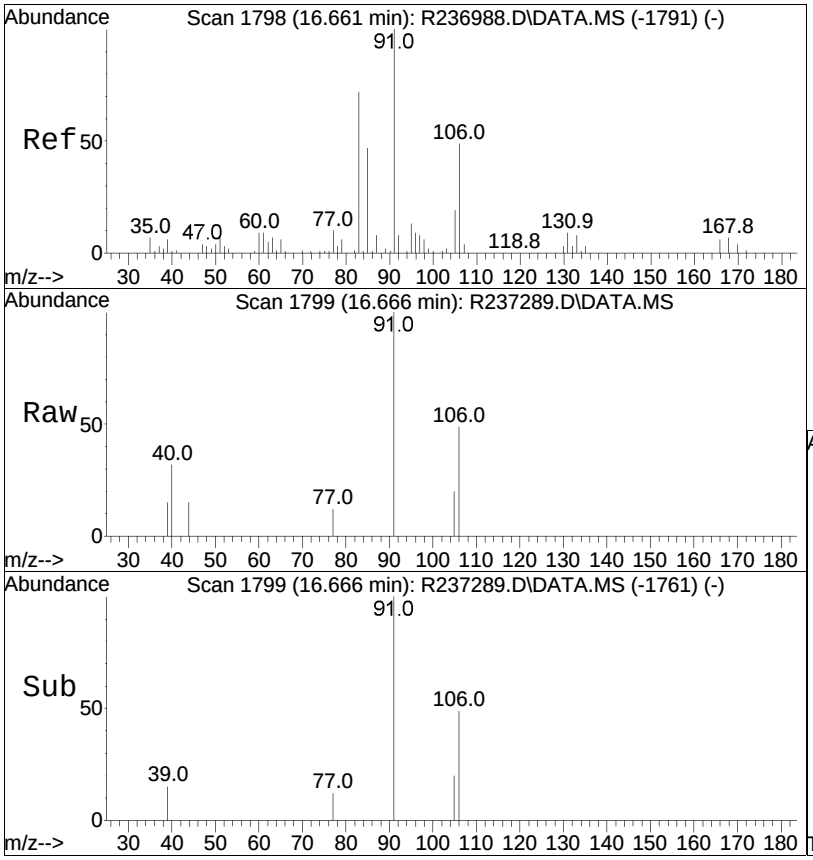


#83
m+p-xylene
Concen: 0.12 ppbV
RT: 16.265 min Scan# 1753
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 6272

Ion	Ratio	Lower	Upper
91	100		
106	49.5	41.7	62.5

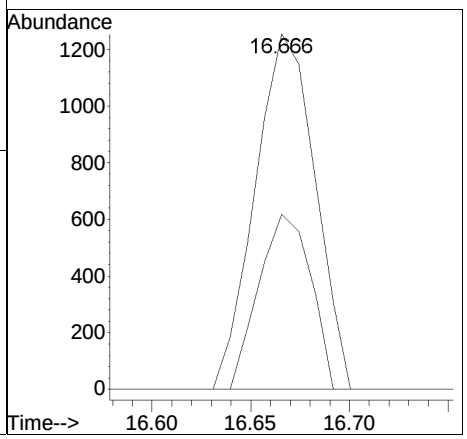


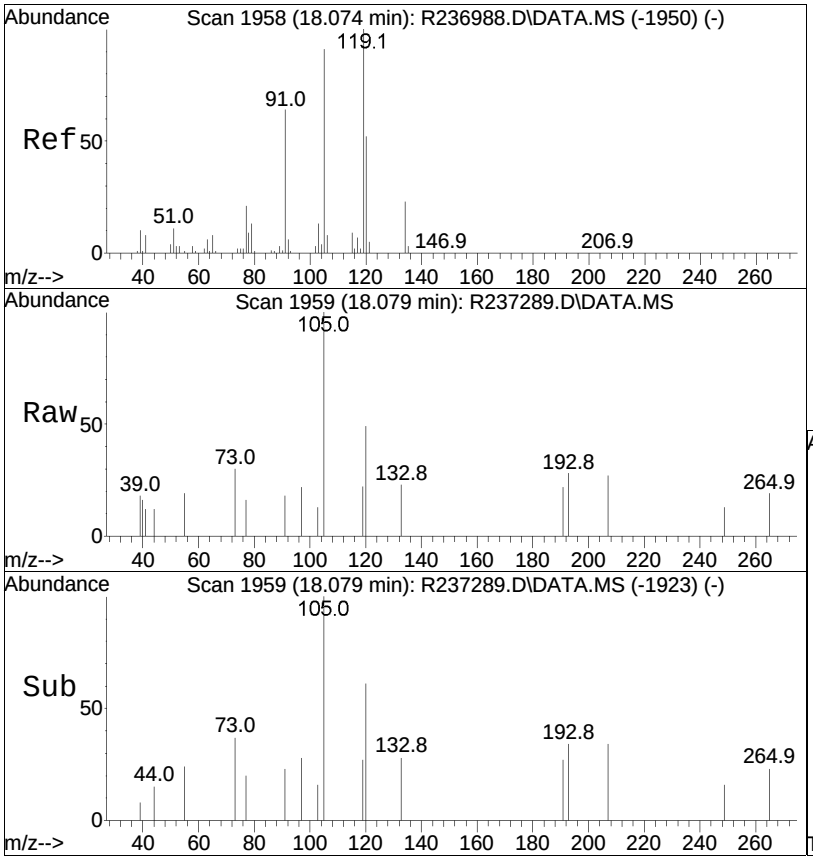


#87
o-xylene
Concen: 0.05 ppbV
RT: 16.666 min Scan# 1799
Delta R.T. 0.005 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion: 91 Resp: 2656

Ion	Ratio	Lower	Upper
91	100		
106	49.2	39.6	59.4

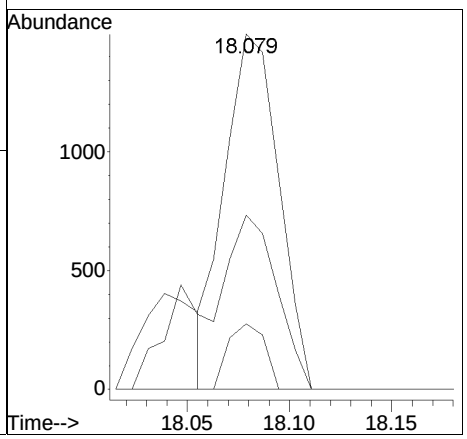




#99
1,2,4-trimethylbenzene
Concen: 0.05 ppbV m
RT: 18.079 min Scan# 1959
Delta R.T. 0.004 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:105 Resp: 2764

Ion	Ratio	Lower	Upper
105	100		
120	49.1	45.9	68.9
91	18.4	56.2	84.2#

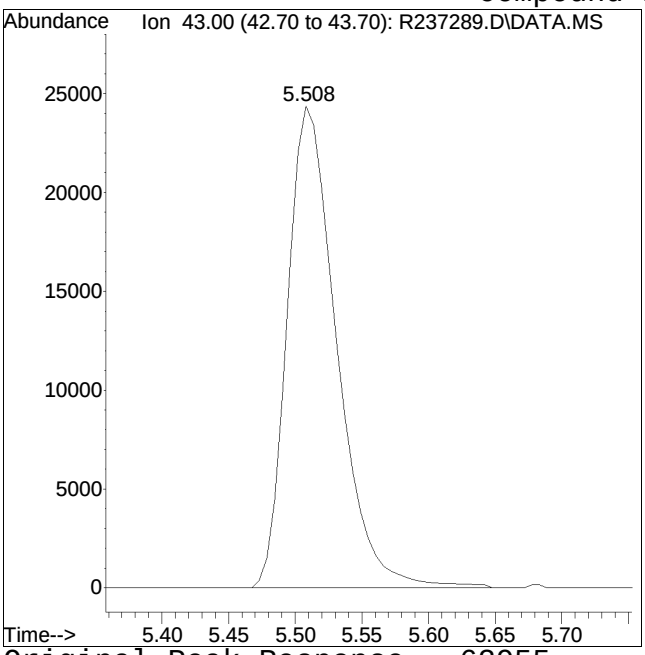


Manual Integration Report

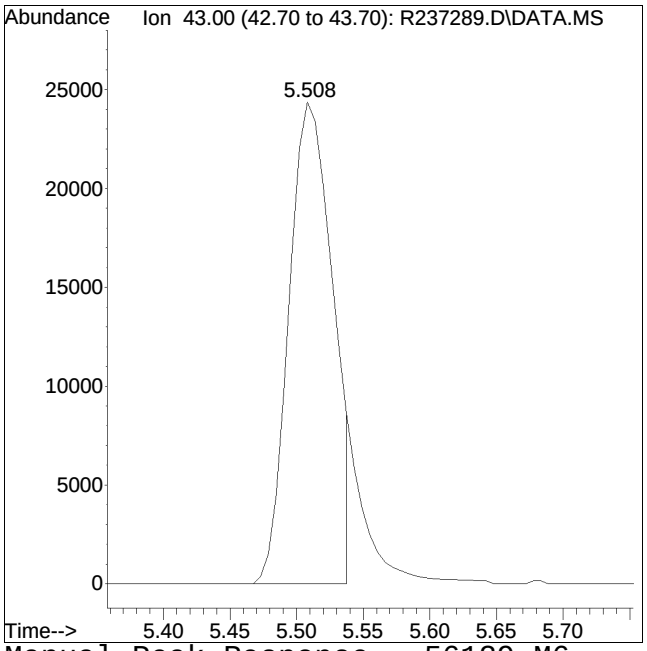
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237289.D
Date Inj'd : 12/12/2025 1:41 am
Sample : WG2152814-5,3,250,250

Method : TFS23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 8:58 am

Compound #19: acetone



Original Peak Response = 62955



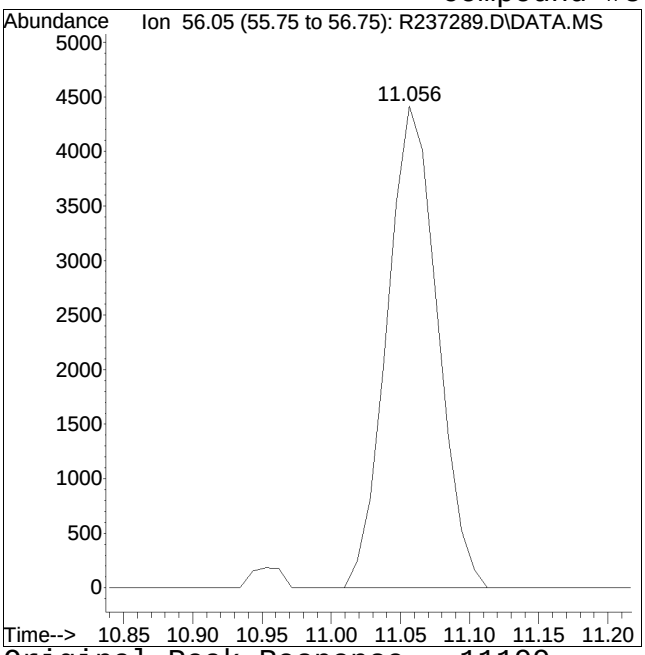
Manual Peak Response = 56129 M6

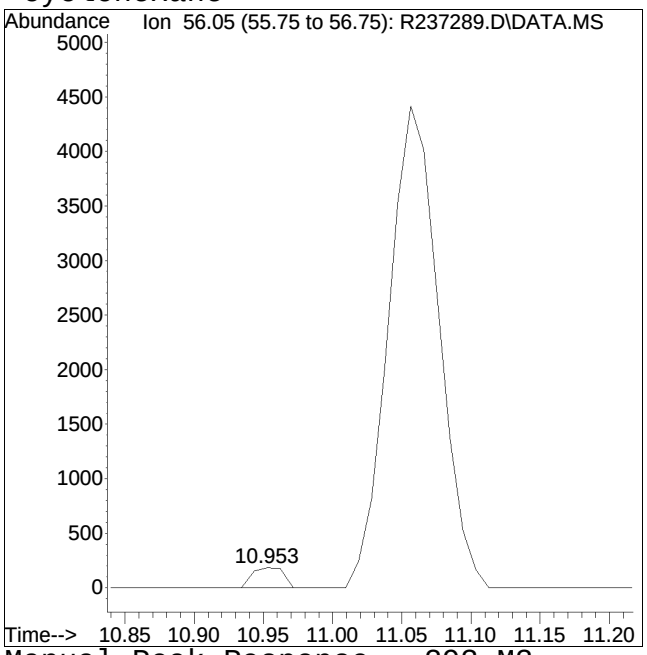
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152814-5,3,250,250 Quant Date : 12/12/2025 8:58 am

Compound #53: cyclohexane





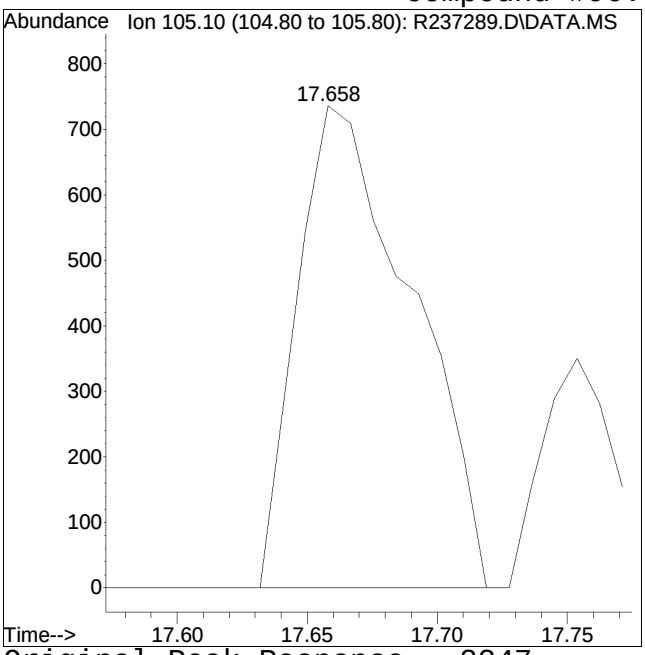
Original Peak Response = 11199 Manual Peak Response = 293 M3

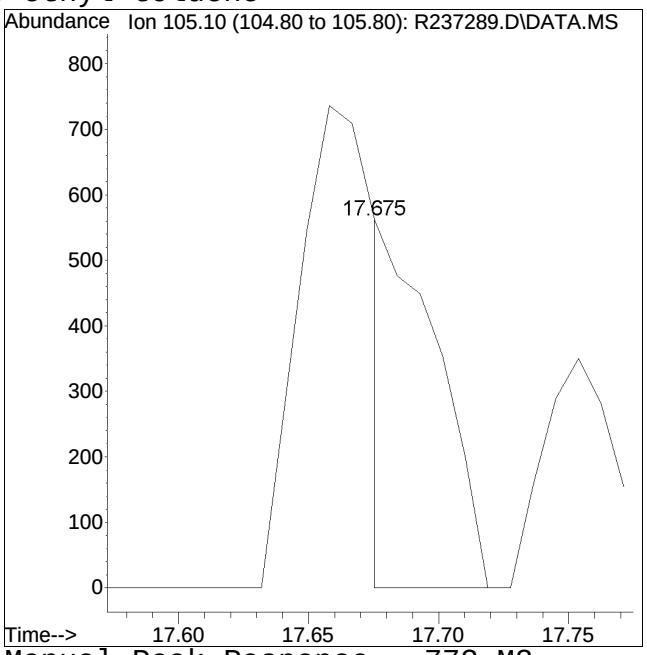
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152814-5,3,250,250 Quant Date : 12/12/2025 8:58 am

Compound #96: 4-ethyl toluene





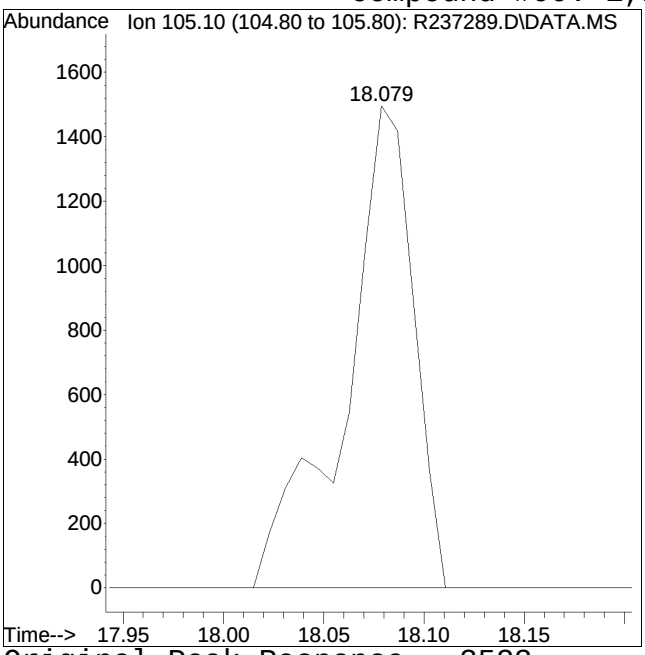
Original Peak Response = 2247 Manual Peak Response = 773 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

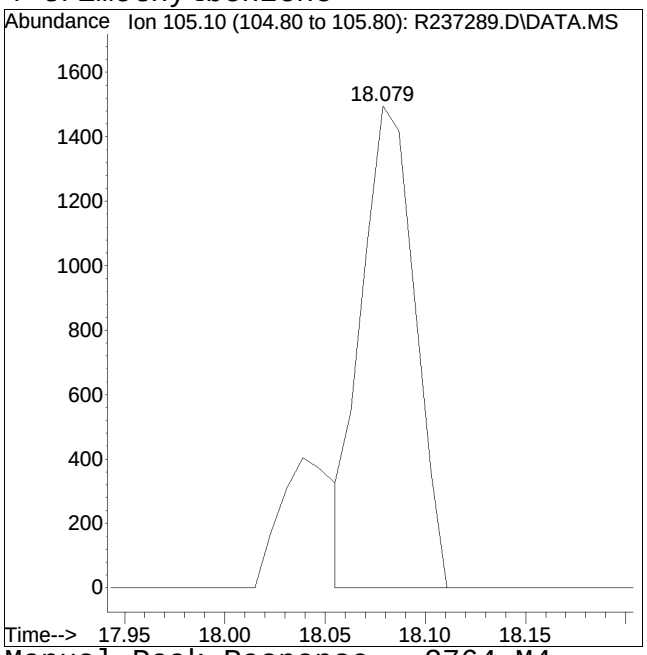
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TFS23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152814-5,3,250,250 Quant Date : 12/12/2025 8:58 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 3523



Manual Peak Response = 2764 M4

M4 = Poor automated baseline construction.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 28 2026, 04:36 pm

Work Group: WG2152814 for Department: 3 GC/MS

Created: 11-DEC-25 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2576049-01	TRC-IA-11	S	TO15-LL	AIR	DONE	U	1225	1212	S0	Can-6
L2576049-02	TRC-IA-12	S	TO15-LL	AIR	DONE	U	1225	1212	S0	Can-6
L2576049-03	TRC-AA-01	S	TO15-LL	AIR	DONE	U	1225	1212	S0	Can-6
L2576218-01	APC-S-403-112625	S	TO15-LL	AIR	DONE	U	1226	1215	S0	Can-1
L2576218-02	APC-S-406-112625	S	TO15-LL	AIR	DONE	U	1226	1215	S0	Can-1
L2576406-01	SV-1	S	TO15-LL	SOIL_VAPOR	DONE	U	1231	1215	S0	Can-6
L2576419-01	5027:SVE-INF:SG11252025	S	TO15-LL	SOIL_VAPOR	DONE	U	1225	1215	S0	Can-2.7
L2576518-01	SV-03_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2576518-02	SV-04_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2576518-03	SV-05_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2576518-04	SV-06_20251202	S	TO15-LL	SOIL_VAPOR	DONE	U	0101	1216	S0	Can-6
L2577844-01	SVE-INF	S	TO15-LL	SOIL_VAPOR	DONE	U	0107	1215	S0	Tedlar-Poly5
L2577844-02	SVE-EFF	S	TO15-LL	SOIL_VAPOR	DONE	U	0107	1215	S0	Tedlar-Poly5
L2578655-01	IA-01_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-02	IA-02_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-03	IA-03_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-04	IA-04_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-05	IA-05_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-06	AA-01_20251209	S	TO15-LL	AIR	DONE	U	0109	1212	1B	Can-6
WG2152814-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG2152814-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG2152814-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG2152814-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG2152814-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG2152814-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				
WG2152814-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

WG2152814-5 L2578655-05

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB23

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 11/21/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: DJR

Sequence File Name: 251121.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA23112101	TO15_SFS.M	R236977.D	250 mL			NA
1	BA23112102	TO15_SFS.M	R236978.D	250 mL			NA
1	BA23112103	TO15_SFS.M	R236979.D	250 mL			NA
1	TA23112101	TO15_SFS.M	R236980.D	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.M	R236981.D	SS25-037D 50 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.M	R236982.D	SS25-037D 125 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.M	R236983.D	SS25-037D 250 mL	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.M	R236984.D	SS25-037C 50 mL		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.M	R236985.D	SS25-037C 125 mL		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.M	R236986.D	SS25-037C 250 mL		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.M	R236987.D	SS25-037B 125 mL		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.M	R236988.D	SS25-037B 250 mL		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.M	R236989.D	SS25-037A 50 mL		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.M	R236990.D	SS25-037A 125 mL		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.M	R236991.D	SS25-037A 250 mL	LL ONLY	DEF	NA
1	BA23112101	TO15_SFS.M	R236992.D	250 mL			NA
1	BA23112102	TO15_SFS.M	R236993.D	250 mL			NA
2	CTO15-LLSTD010	TO15_SFS.M	R236994.D	SS25-035C 250 mL	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.M	R236995.D	SS25-035C 125 mL	SIM ICV	DEF-ICV	NA

Alpha Analytical Air Lab
Instrument Run Log

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB23

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 12/11/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 251211.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA23120601	TO15_SFS.M	R237275.D	250 mL	DO NOT USE		NA
2	APH CC	TO15_SFS.M	R237276.D	SS25-034D 125 mL	USE AS TUNE		NA
3	CA23120601	TO15_SFS.M	R237277.D	SS25-033H 250 mL	LL CC		NA
4	CTO15-LLSTD010	TO15_SFS.M	R237278.D	SS25-039E 250 mL	LL LCS		NA
4	CTO15-SIMSTD05	TO15_SFS.M	R237279.D	SS25-039E 125 mL	SIM LCS	NARRATE VA OUT LOW/ RISKING T13DCP	NA
	PAUSE	TO15_SFS.M					NA
1	BA23120601	TO15_SFS.M	R237280.D	250 mL	LL B LANK		NA
1	BA23120602	TO15_SFS.M	R237281.D	250 mL	SIM BLANK		NA
2	L2576049-03,3,250,250	TO15_SFS.M	R237282.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
3	L2578655-06,3,250,250	TO15_SFS.M	R237283.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
4	L2578655-01,3,250,250	TO15_SFS.M	R237284.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
5	L2578655-02,3,250,250	TO15_SFS.M	R237285.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
6	L2578655-03,3,250,250	TO15_SFS.M	R237286.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
7	L2578655-04,3,250,250	TO15_SFS.M	R237287.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
8	L2578655-05,3,250,250	TO15_SFS.M	R237288.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
8	L2578655-05DUP,3,250,250	TO15_SFS.M	R237289.D	WG2152814,ICAL22840	LL/SIM DUP	NY+NAPH-7SIM	Y
9	L2576049-01,3,250,250	TO15_SFS.M	R237290.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
10	L2576049-02,3,250,250	TO15_SFS.M	R237291.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
11	L2576834-01,3,250,250	TO15_SFS.M	R237292.D	WG2152815,ICAL22841		STD+NAPH BY SIM	Y
12	L2576419-01D,3,75,250	TO15_SFS.M	R237293.D	WG2152814,ICAL22840		STD+NAPH	Y
13	L2576218-01D,3,75,250	TO15_SFS.M	R237294.D	WG2152815,ICAL22841		STD+NAPH BY SIM/ 2CT+ METHYLMETHACRYLATE BY LL	Y

Alpha Analytical Air Lab
Instrument Run Log

14	L2576218-02,3,250,250	TO15_SFS.M	R237295.D	WG2152815,ICAL22841		STD+NAPH BY SIM/ 2CT+ METHYLMETHACRYLATE BY LL	Y
15	L2576406-01,3,250,250	TO15_SFS.M	R237296.D	WG2152814,ICAL22840		NY+NAPH	Y
16	L2576518-01,3,250,250	TO15_SFS.M	R237297.D	WG2152814,ICAL22840		NY+NAPH	Y
1	L2576518-02,3,250,250	TO15_SFS.M	R237298.D	WG2152814,ICAL22840		NY+NAPH	Y
2	L2576518-03,3,250,250	TO15_SFS.M	R237299.D	WG2152814,ICAL22840		NY+NAPH	Y
3	L2576518-04,3,250,250	TO15_SFS.M	R237300.D	WG2152814,ICAL22840		NY+NAPH	Y
4	L2577844-01D,3,11.19,250	TO15_SFS.M	R237301.D	WG2152814,ICAL22840		NY+NAPH	Y
5	L2577844-02D,3,75,250	TO15_SFS.M	R237302.D	WG2152814,ICAL22840		NY+NAPH	Y

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

GC/MS VOA
Air Analysis
Selective Ion Monitoring

Volatiles QC Summary

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: TRC Environmental Corp			**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY			**Project Number**	: 000639300
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2152815-3	**Analysis Date**	: 12/11/25 16:19	**File ID**	: R237279
LCSD Sample ID	:	**Analysis Date**	:	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Vinyl chloride	5	5.65	113				-	70-130	25
1,1-Dichloroethene	5	5.39	108				-	70-130	25
cis-1,2-Dichloroethene	5	5.09	102				-	70-130	25
1,1,1-Trichloroethane	5	5.11	102				-	70-130	25
Carbon tetrachloride	5	4.61	92				-	70-130	25
Trichloroethene	5	4.63	93				-	70-130	25
Tetrachloroethene	5	4.14	83				-	70-130	25

Method Blank Summary
Form 4
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab Sample ID	: WG2152815-4	**Lab File ID**	: R237281
Instrument ID	: AIRLAB23		
Matrix	: AIR	**Analysis Date**	: 12/11/25 20:07

Client Sample No.	Lab Sample ID	Analysis Date
WG2152815-3LCS	WG2152815-3	12/11/25 16:19
TRC-AA-01	L2576049-03	12/11/25 20:48
IA-05_20251209DUP	WG2152815-5	12/12/25 01:41
TRC-IA-11	L2576049-01	12/12/25 02:23
TRC-IA-12	L2576049-02	12/12/25 03:05

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Instrument ID	: AIRLAB23	**Analysis Date**	: 11/21/25 20:09
Tune Standard	: WG2145606-1	**Tune File ID**	: R236980_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	15.7
75	30.0 - 66.0% of mass 95	47.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.8 (.8)1
174	50.0 - 120.0% of mass 95	104
175	4.0 - 9.0% of mass 174	7.5 (7.2)1
176	93.0 - 101% of mass 174	101.8 (97.9)1
177	5.0 - 9.0% of mass 176	6.5 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.02	R2039933-1	R236981	11/21/25 20:44
STD0.05	R2039933-2	R236982	11/21/25 21:20
STD0.1	R2039933-3	R236983	11/21/25 21:58
STD0.2	R2039933-4	R236984	11/21/25 22:35
STD0.5	R2039933-5	R236985	11/21/25 23:14
STD1.0	R2039933-6	R236986	11/21/25 23:55
STD5.0	R2039933-7	R236987	11/22/25 00:33
STD010	R2039933-8	R236988	11/22/25 01:14
STD020	R2039933-9	R236989	11/22/25 01:52
STD050	R2039933-10	R236990	11/22/25 02:30
ICV QUANT	R2039933-11	R236995	11/22/25 05:56

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Instrument ID	: AIRLAB23	**Analysis Date**	: 12/11/25 13:39
Tune Standard	: WG2152815-1	**Tune File ID**	: R237275_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	17.3
75	30.0 - 66.0% of mass 95	50.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1)1
174	50.0 - 120.0% of mass 95	91.5
175	4.0 - 9.0% of mass 174	7 (7.7)1
176	93.0 - 101% of mass 174	90.4 (98.7)1
177	5.0 - 9.0% of mass 176	5.9 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2152815-2CCAL	WG2152815-2	R237279	12/11/25 16:19
WG2152815-3LCS	WG2152815-3	R237279	12/11/25 16:19
WG2152815-4BLANK	WG2152815-4	R237281	12/11/25 20:07
TRC-AA-01	L2576049-03	R237282	12/11/25 20:48
WG2152815-5DUP	WG2152815-5	R237289	12/12/25 01:41
TRC-IA-11	L2576049-01	R237290	12/12/25 02:23
TRC-IA-12	L2576049-02	R237291	12/12/25 03:05

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Instrument ID	: AIRLAB23	**Analysis Date**	: 12/11/25 16:19:00
Sample No	: WG2152815-2	**Lab File ID**	: R237279

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2152815-2	183371	8.87	781173	11.06	106557	15.73
Upper Limit	256719	9.20	1093642	11.39	149180	16.06
Lower Limit	110023	8.54	468704	10.73	63934	15.40
Sample ID						
WG2152815-3 LCS	183371	8.87	781173	11.06	106557	15.73
WG2152815-4 BLANK	186268	8.88	746850	11.06	100077	15.73
TRC-AA-01	167596	8.87	639854	11.06	92146	15.74
IA-05_20251209 DUP	164641	8.87	607561	11.06	82007	15.74
TRC-IA-11	162245	8.87	581765	11.05	85931	15.73
TRC-IA-12	165853	8.87	583657	11.05	83281	15.73

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

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Volatile Organics in Air by TO-15 SIM (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.02	0.0059	ppbV	70-130	25		25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.02	0.01	ppbV	70-130	25		25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.02	0.0067	ppbV	70-130	25		25	25			
1,1,2-Trichloroethane	79-00-5	0.02	0.0097	ppbV	70-130	25		25	25			
1,1-Dichloroethane	75-34-3	0.02	0.0086	ppbV	70-130	25		25	25			
1,1-Dichloroethene	75-35-4	0.02	0.0077	ppbV	70-130	25		25	25			
1,2,4-Trimethylbenzene	95-63-6	0.02	0.0076	ppbV	70-130	25		25	25			
1,2-Dibromoethane	106-93-4	0.02	0.0091	ppbV	70-130	25		25	25			
1,2-Dichlorobenzene	95-50-1	0.02	0.0062	ppbV	70-130	25		25	25			
1,2-Dichloroethane	107-06-2	0.02	0.0083	ppbV	70-130	25		25	25			
1,2-Dichloropropane	78-87-5	0.02	0.0083	ppbV	70-130	25		25	25			
1,3,5-Trimethylbenzene	108-67-8	0.02	0.0096	ppbV	70-130	25		25	25			
1,3-Butadiene	106-99-0	0.02	0.0106	ppbV	70-130	25		25	25			
1,3-Dichlorobenzene	541-73-1	0.02	0.0077	ppbV	70-130	25		25	25			
1,4-Dichlorobenzene	106-46-7	0.02	0.0075	ppbV	70-130	25		25	25			
1,4-Dioxane	123-91-1	0.1	0.0344	ppbV	70-130	25		25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.037	ppbV	70-130	25		25	25			
2-Hexanone	591-78-6	0.2	0.0354	ppbV	70-130	25		25	25			
3-Chloropropene	107-05-1	0.2	0.0327	ppbV	70-130	25		25	25			
4-Ethyltoluene	622-96-8	0.02	0.0099	ppbV	70-130	25		25	25			
Benzene	71-43-2	0.1	0.0298	ppbV	70-130	25		25	25			
Benzyl chloride	100-44-7	0.1	0.0332	ppbV	70-130	25		25	25			
Bromodichloromethane	75-27-4	0.02	0.0074	ppbV	70-130	25		25	25			
Bromoform	75-25-2	0.02	0.0111	ppbV	70-130	25		25	25			
Bromomethane	74-83-9	0.02	0.0094	ppbV	70-130	25		25	25			
Carbon disulfide	75-15-0	0.2	0.0316	ppbV	70-130	25		25	25			
Carbon tetrachloride	56-23-5	0.02	0.011	ppbV	70-130	25		25	25			
Chlorobenzene	108-90-7	0.1	0.0258	ppbV	70-130	25		25	25			
Chloroethane	75-00-3	0.1	0.0395	ppbV	70-130	25		25	25			
Chloroform	67-66-3	0.02	0.0071	ppbV	70-130	25		25	25			
Chloromethane	74-87-3	0.2	0.0756	ppbV	70-130	25		25	25			
cis-1,2-Dichloroethene	156-59-2	0.02	0.0102	ppbV	70-130	25		25	25			
trans-1,2-Dichloroethene	156-60-5	0.02	0.009	ppbV	70-130	25		25	25			
1,2-Dichloroethene (total)	540-59-0	0.02	0.009	ppbV				25	25			
cis-1,3-Dichloropropene	10061-01-5	0.02	0.0118	ppbV	70-130	25		25	25			
1,3-Dichloropropene, Total	542-75-6	0.02	0.0115	ppbV				25	25			
Cyclohexane	110-82-7	0.2	0.0313	ppbV	70-130	25		25	25			
Dibromochloromethane	124-48-1	0.02	0.008	ppbV	70-130	25		25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0499	ppbV	70-130	25		25	25			
Ethyl Alcohol	GCDAI06	5	1.35	ppbV	40-160	25		25	25			
Ethyl Acetate	141-78-6	0.5	0.323	ppbV	70-130	25		25	25			
Ethylbenzene	100-41-4	0.02	0.0085	ppbV	70-130	25		25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

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File: PM19301-1
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Volatile Organics in Air by TO-15 SIM (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Generic Air Can for Bottleorder

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.05	0.0083	ppbV	70-130	25		25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.05	0.0064	ppbV	70-130	25		25	25			
Methylene chloride	75-09-2	0.5	0.11	ppbV	70-130	25		25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.0261	ppbV	70-130	25		25	25			
Naphthalene	91-20-3	0.05	0.021	ppbV	70-130	25		25	25			
p/m-Xylene	179601-23-1	0.04	0.018	ppbV	70-130	25		25	25			
o-Xylene	95-47-6	0.02	0.0087	ppbV	70-130	25		25	25			
Heptane	142-82-5	0.2	0.0313	ppbV	70-130	25		25	25			
n-Hexane	110-54-3	0.2	0.0471	ppbV	70-130	25		25	25			
Propylene	115-07-1	0.5	0.167	ppbV	70-130	25		25	25			
Styrene	100-42-5	0.02	0.0079	ppbV	70-130	25		25	25			
Tetrachloroethene	127-18-4	0.02	0.0074	ppbV	70-130	25		25	25			
Tetrahydrofuran	109-99-9	0.5	0.142	ppbV	70-130	25		25	25			
Toluene	108-88-3	0.1	0.0166	ppbV	70-130	25		25	25			
trans-1,3-Dichloropropene	10061-02-6	0.02	0.0115	ppbV	70-130	25		25	25			
Trichloroethene	79-01-6	0.02	0.006	ppbV	70-130	25		25	25			
1,2,4-Trichlorobenzene	120-82-1	0.05	0.0146	ppbV	70-130	25		25	25			
Trichlorofluoromethane	75-69-4	0.05	0.0092	ppbV	70-130	25		25	25			
Vinyl acetate	108-05-4	1	0.286	ppbV	70-130	25		25	25			
Vinyl bromide	593-60-2	0.2	0.0431	ppbV	70-130	25		25	25			
Hexachlorobutadiene	87-68-3	0.05	0.011	ppbV	70-130	25		25	25			
iso-Propyl Alcohol	67-63-0	1	0.249	ppbV	40-160	25		25	25			
Vinyl chloride	75-01-4	0.02	0.0088	ppbV	70-130	25		25	25			
Acrylonitrile	107-13-1	0.5	0.162	ppbV	70-130	25		25	25			
n-Butylbenzene	104-51-8	0.2	0.0319	ppbV	70-130	25		25	25			
sec-Butylbenzene	135-98-8	0.2	0.0266	ppbV	70-130	25		25	25			
Isopropylbenzene	98-82-8	0.2	0.0299	ppbV	70-130	25		25	25			
Xylene (Total)	1330-20-7	0.02	0.0087	ppbV				25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0366	ppbV	70-130	25		25	25			
Acetone	67-64-1	1	0.539	ppbV	40-160	25		25	25			
2-Butanone	78-93-3	0.5	0.132	ppbV	70-130	25		25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.191	ppbV	70-130	25		25	25			
1,2,3-Trichlorobenzene	87-61-6	0.05	0.0223	ppbV	70-130	25		25	25			
Acrolein	107-02-8	0.05	0.0387	ppbV	60-113	25		25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-01	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-11	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 02:23
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237290	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--	
79-01-6	Trichloroethene	0.109	0.020	--	0.586	0.107	--	
127-18-4	Tetrachloroethene	0.029	0.020	--	0.197	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-02	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-12	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 03:05
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237291	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--	
79-01-6	Trichloroethene	0.128	0.020	--	0.688	0.107	--	
127-18-4	Tetrachloroethene	0.032	0.020	--	0.217	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-03	**Date Collected**	: 11/25/25 15:12
Client ID	: TRC-AA-01	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/11/25 20:48
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237282	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.021	0.020	--	0.142	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: WG2152815-4	**Date Collected**	: NA
Client ID	: WG2152815-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/11/25 20:07
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237281	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	ND	0.020	--	ND	0.126	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237282.D
Acq On : 11 Dec 2025 08:48 pm
Operator : AIRLAB23:APR
Sample : L2576049-03,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 09:16:18 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : 7-NY-SIM - .

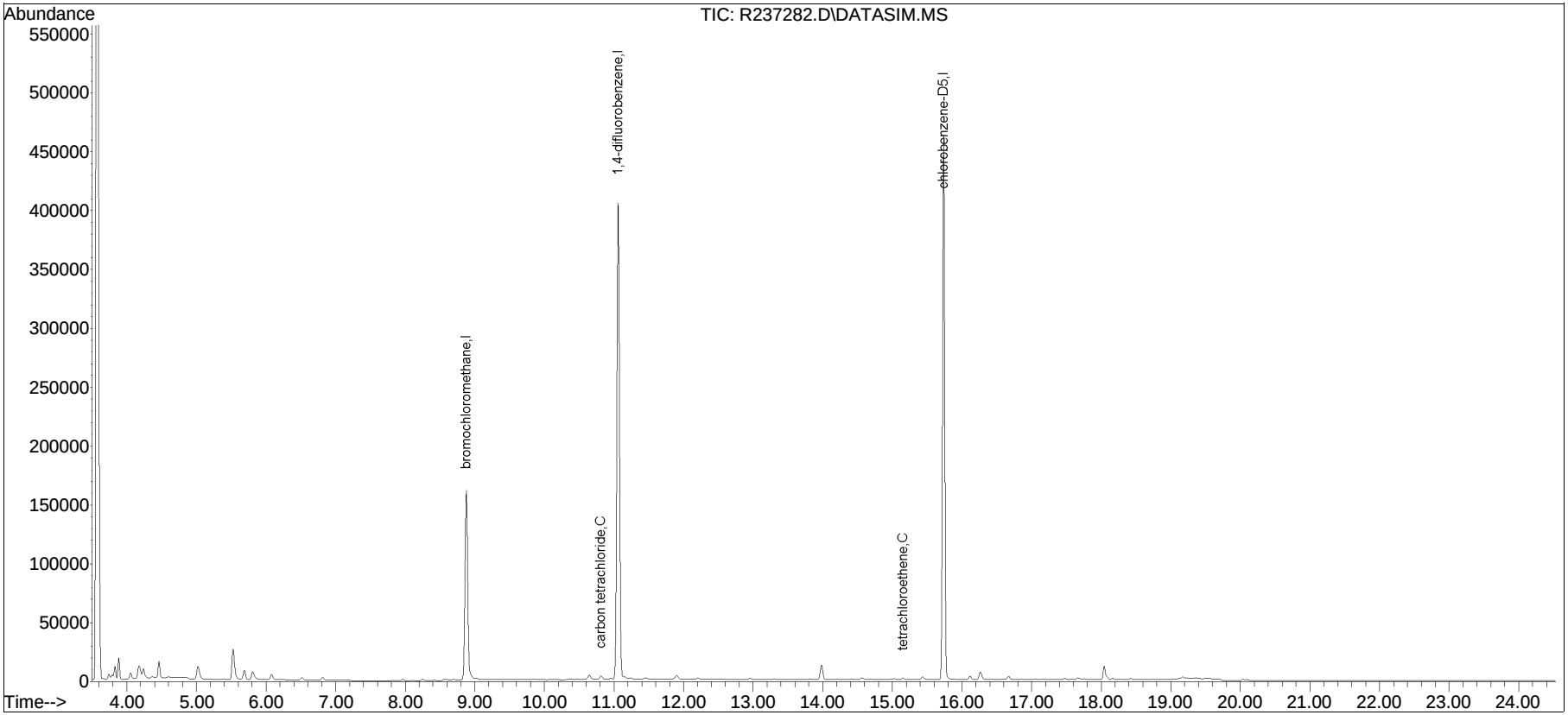
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.872	49	167596	10.000	ppbV	0.00
Standard Area = 183371			Recovery =		91.40%	
33) 1,4-difluorobenzene	11.058	114	639854	10.000	ppbV	0.00
Standard Area = 781173			Recovery =		81.91%	
51) chlorobenzene-D5	15.736	54	92146	10.000	ppbV	0.00
Standard Area = 106557			Recovery =		86.48%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.331		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	10.813	117	3112	0.072	ppbV	98
44) trichloroethene	11.850		0	N.D.		
57) tetrachloroethene	15.150	166	909	0.021	ppbV #	85

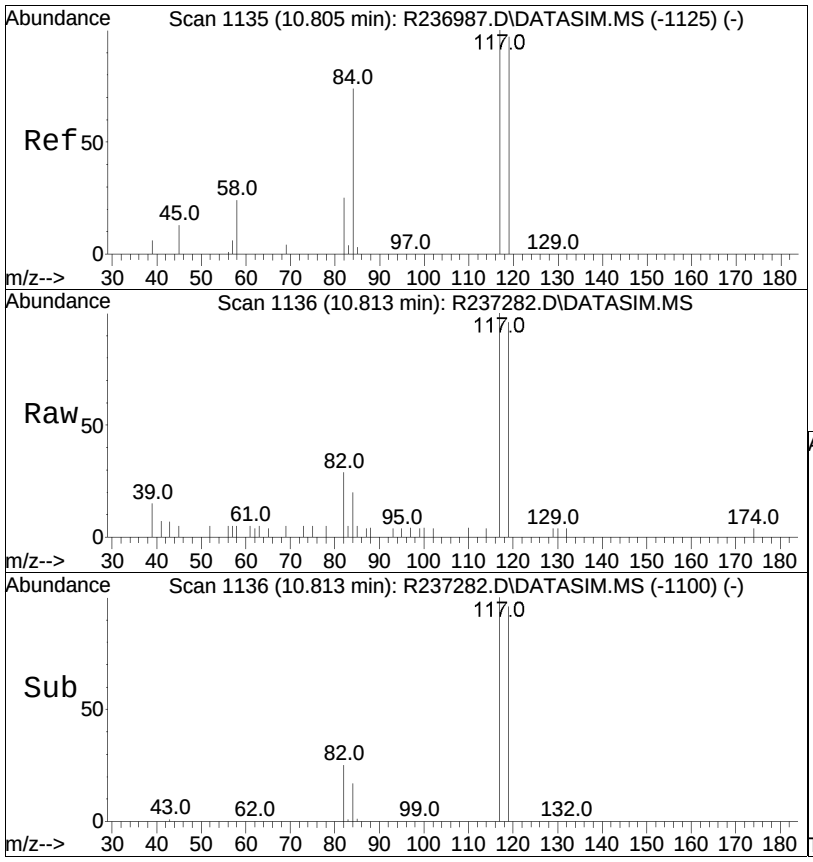
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .ta\Airlab23\2025\12\1211SIM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237282.D
Acq On : 11 Dec 2025 08:48 pm
Operator : AIRLAB23:APR
Sample : L2576049-03,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 09:16:18 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

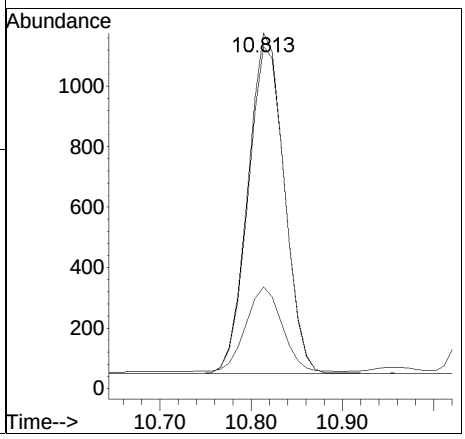


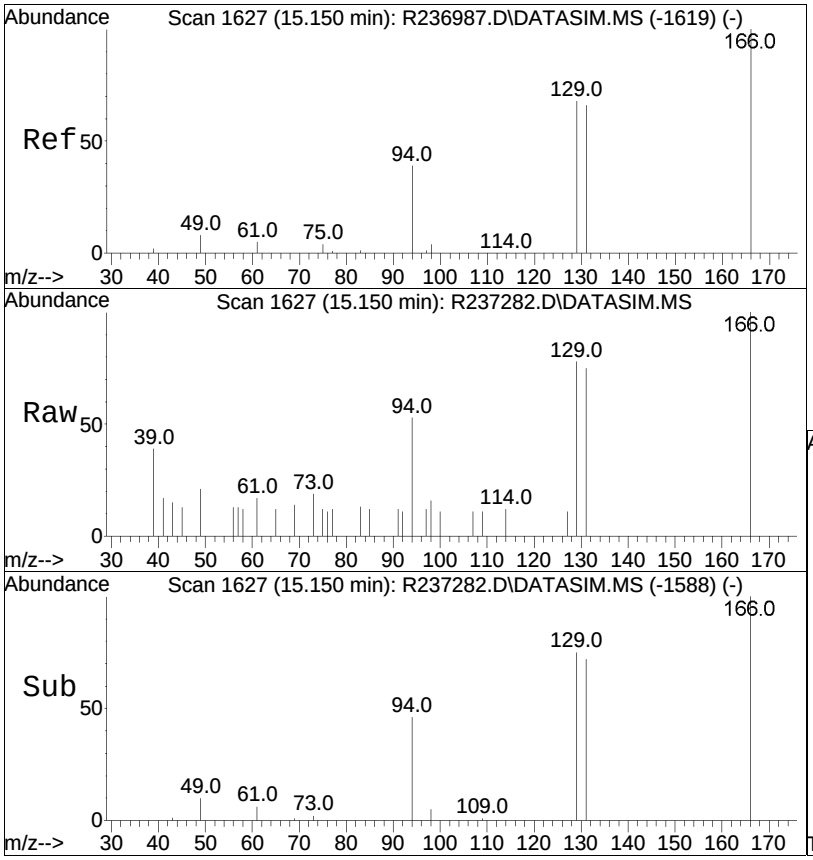


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.813 min Scan# 1136
Delta R.T. 0.009 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion:117 Resp: 3112

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
82	28.6	20.3	30.5

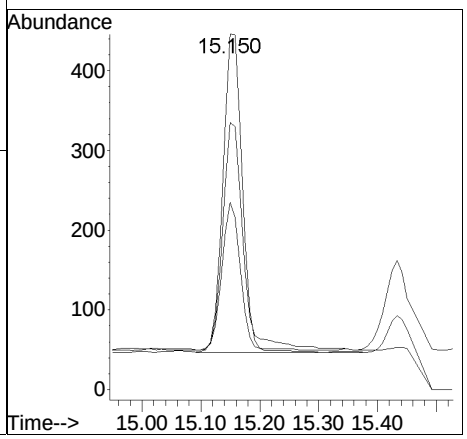




#57
tetrachloroethene
Concen: 0.02 ppbV
RT: 15.150 min Scan# 1627
Delta R.T. -0.001 min
Lab File: R237282.D
Acq: 11 Dec 2025 08:48 pm

Tgt Ion:166 Resp: 909

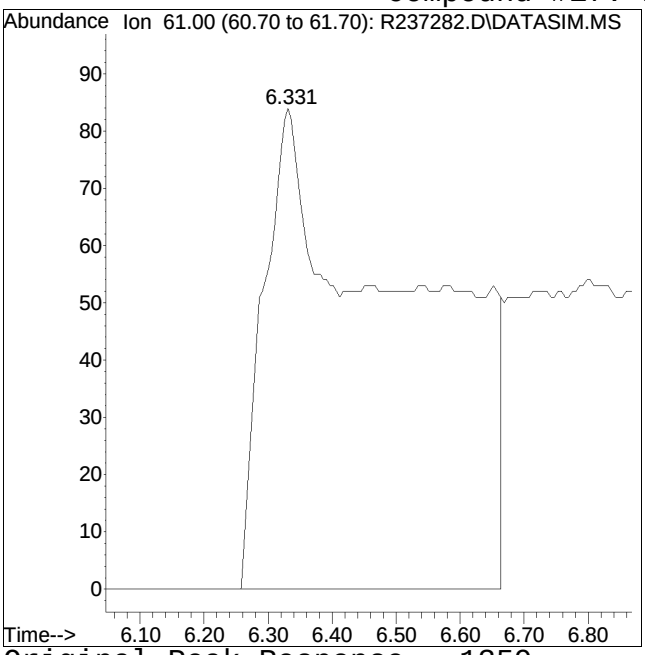
Ion	Ratio	Lower	Upper
166	100		
131	75.1	53.0	79.6
94	52.7	31.0	46.6#

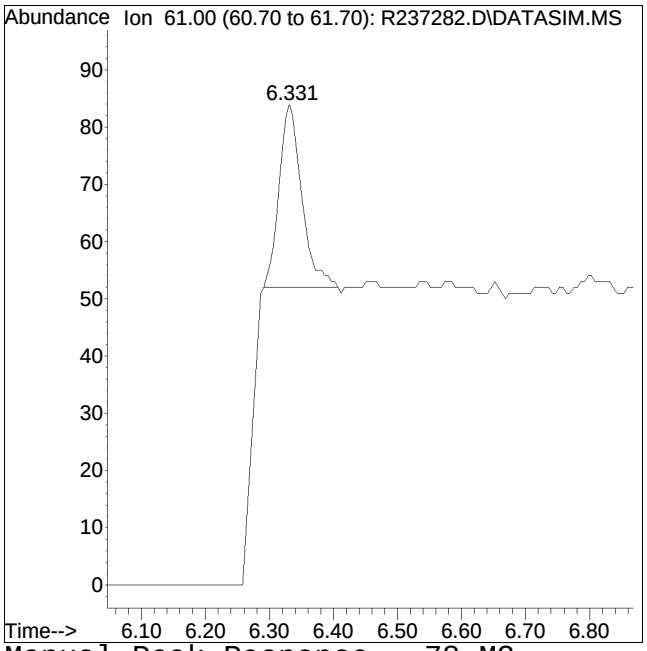


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R237282.D Operator : AIRLAB23:APR
Date Inj'd : 12/11/2025 8:48 pm Instrument : Airlab 23
Sample : L2576049-03,3,250,250 Quant Date : 12/12/2025 9:16 am

Compound #17: 1,1-dichloroethene





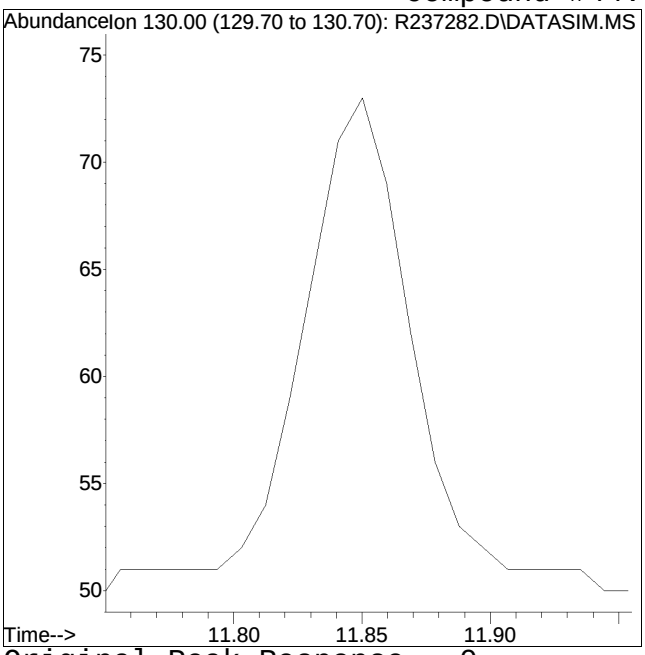
Original Peak Response = 1359 Manual Peak Response = 78 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

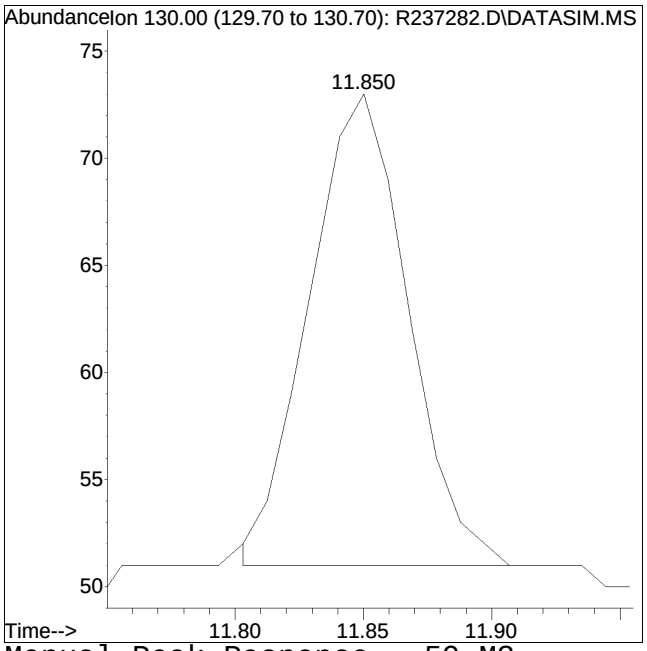
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R237282.D Operator : AIRLAB23:APR
Date Inj'd : 12/11/2025 8:48 pm Instrument : Airlab 23
Sample : L2576049-03,3,250,250 Quant Date : 12/12/2025 9:16 am

Compound #44: trichloroethene



Original Peak Response = 0



Manual Peak Response = 59 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237290.D
Acq On : 12 Dec 2025 02:23 am
Operator : AIRLAB23:APR
Sample : L2576049-01,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 09:22:11 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : 7-NY-SIM - .

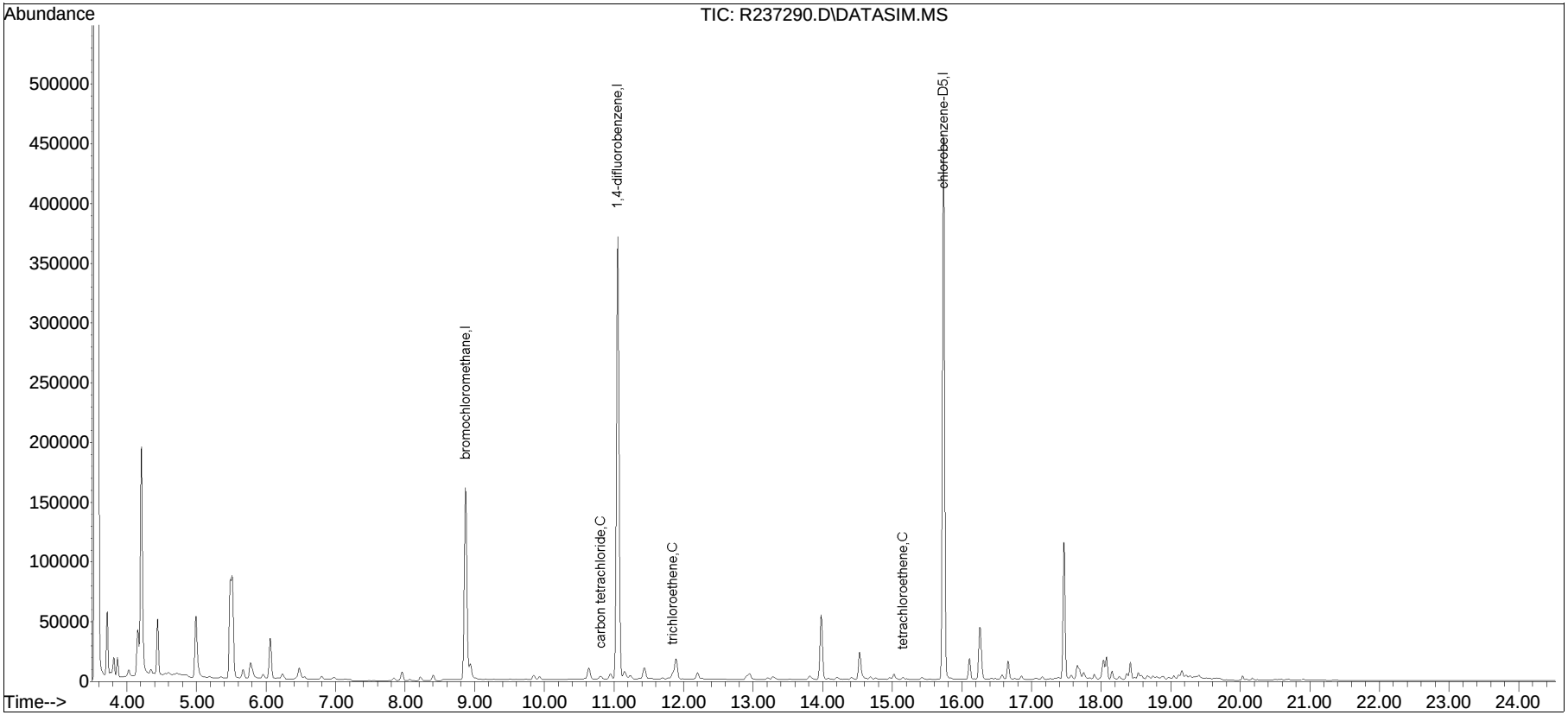
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.868	49	162245	10.000	ppbV	0.00
Standard Area = 183371			Recovery =		88.48%	
33) 1,4-difluorobenzene	11.053	114	581765	10.000	ppbV	0.00
Standard Area = 781173			Recovery =		74.47%	
51) chlorobenzene-D5	15.731	54	85931	10.000	ppbV	0.00
Standard Area = 106557			Recovery =		80.64%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.311		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	10.807	117	2800	0.071	ppbV	97
44) trichloroethene	11.844	130	2726	0.109	ppbV	96
57) tetrachloroethene	15.153	166	1158	0.029	ppbV #	88

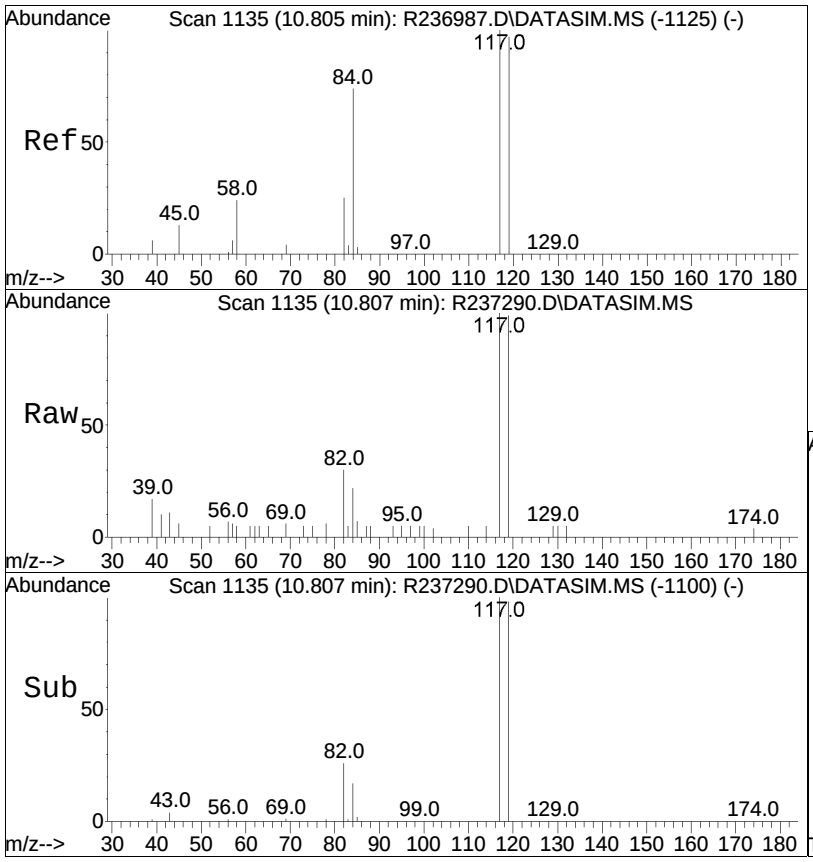
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .ta\Airlab23\2025\12\1211SIM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237290.D
Acq On : 12 Dec 2025 02:23 am
Operator : AIRLAB23:APR
Sample : L2576049-01,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 09:22:11 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

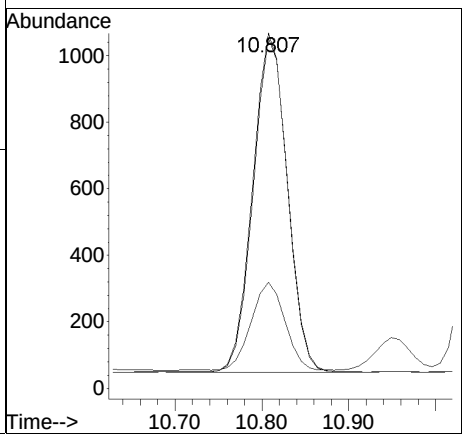


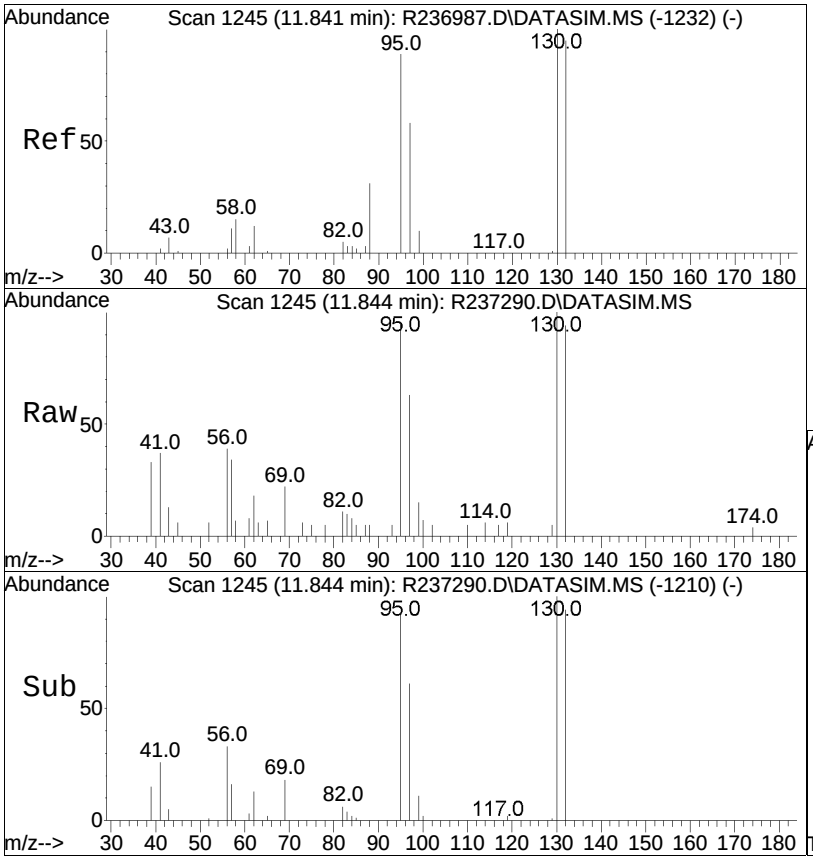


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.807 min Scan# 1135
Delta R.T. 0.003 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:117 Resp: 2800

Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.0
82	29.9	20.3	30.5

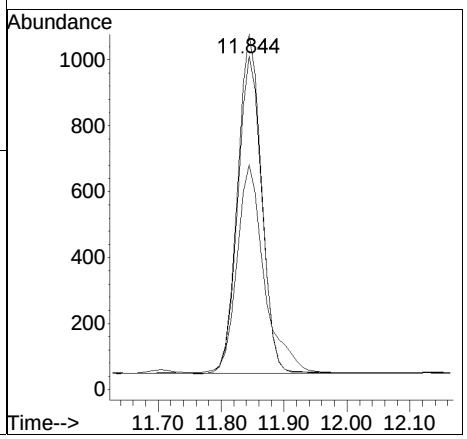


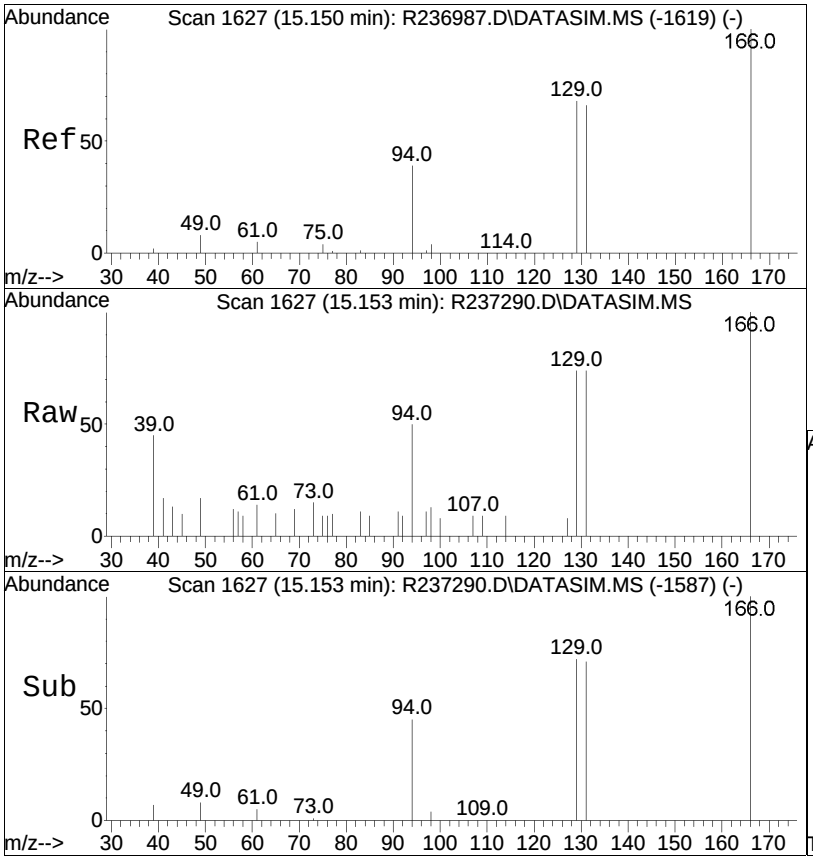


#44
trichloroethene
Concen: 0.11 ppbV
RT: 11.844 min Scan# 1245
Delta R.T. 0.003 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:130 Resp: 2726

Ion	Ratio	Lower	Upper
130	100		
132	93.9	76.4	114.6
97	63.3	46.3	69.5

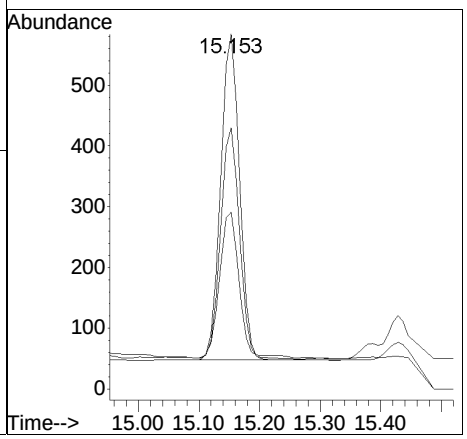




#57
tetrachloroethene
Concen: 0.03 ppbV
RT: 15.153 min Scan# 1627
Delta R.T. 0.003 min
Lab File: R237290.D
Acq: 12 Dec 2025 02:23 am

Tgt Ion:166 Resp: 1158

Ion	Ratio	Lower	Upper
166	100		
131	73.6	53.0	79.6
94	49.8	31.0	46.6#

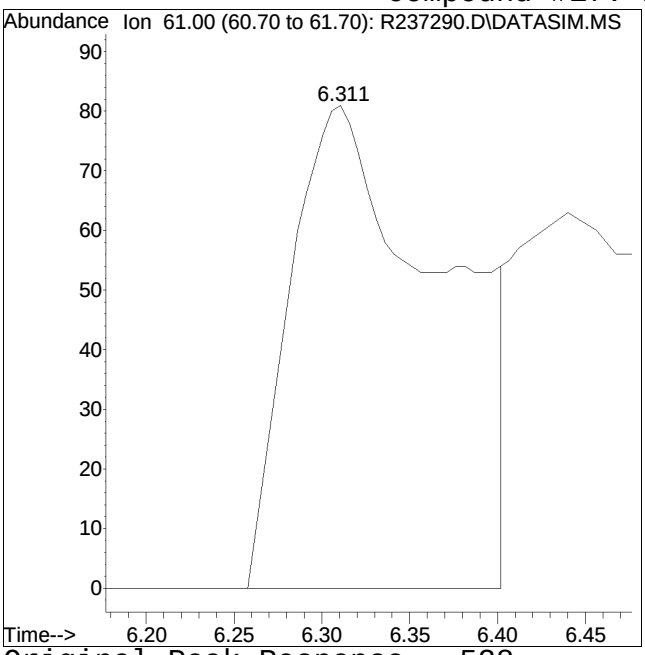


Manual Integration Report

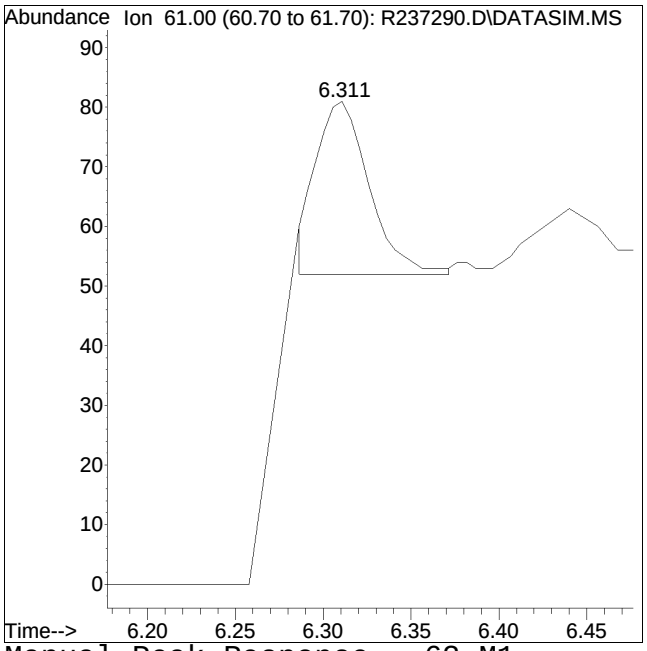
Data Path : X:\Airlab\Data\Airlab23\20
Data File : R237290.D
Date Inj'd : 12/12/2025 2:23 am
Sample : L2576049-01,3,250,250

QMethod : TSIM23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 9:22 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 528



Manual Peak Response = 62 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237291.D
Acq On : 12 Dec 2025 03:05 am
Operator : AIRLAB23:APR
Sample : L2576049-02,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 09:23:01 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : 7-NY-SIM - .

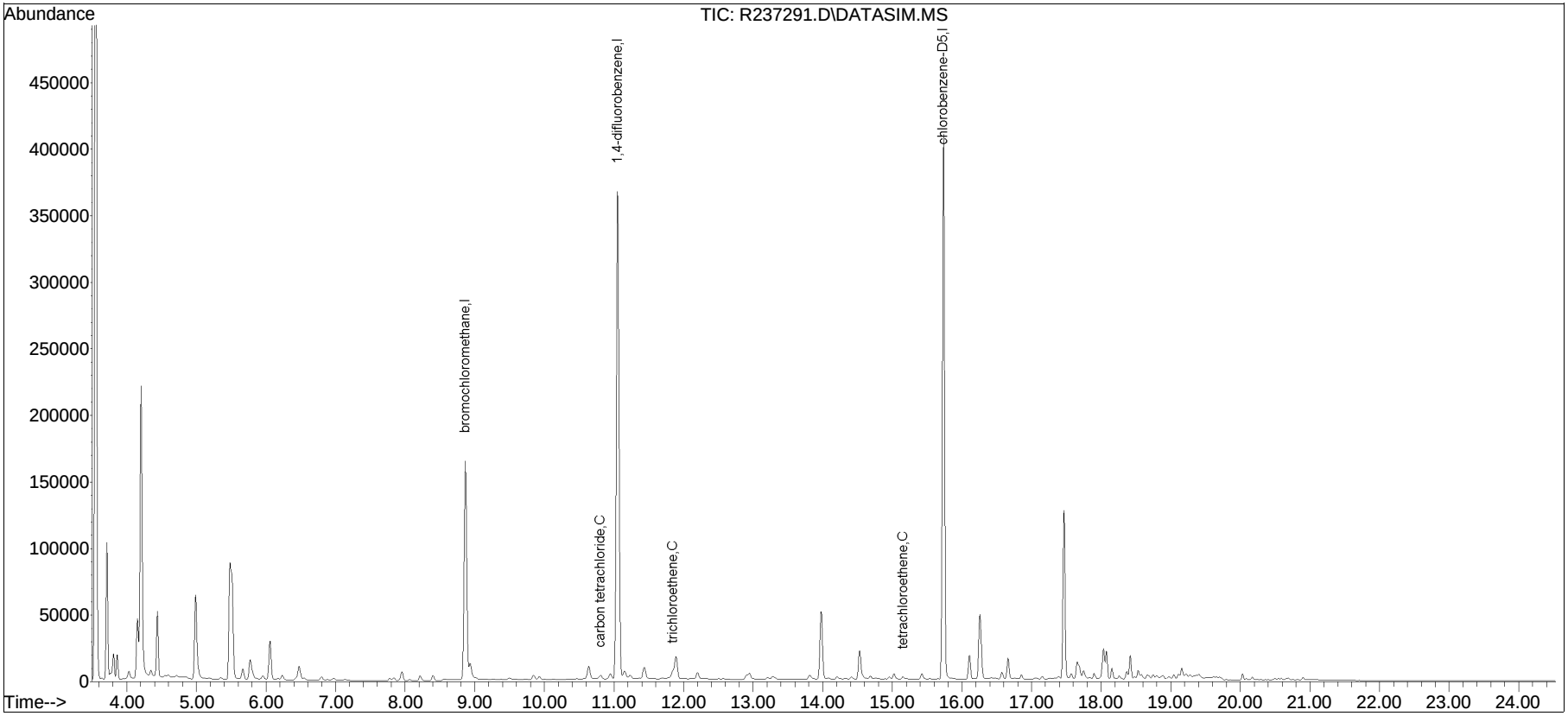
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	165853	10.000	ppbV	0.00
Standard Area = 183371			Recovery =		90.45%	
33) 1,4-difluorobenzene	11.050	114	583657	10.000	ppbV	0.00
Standard Area = 781173			Recovery =		74.72%	
51) chlorobenzene-D5	15.728	54	83281	10.000	ppbV	0.00
Standard Area = 106557			Recovery =		78.16%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.301		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	10.805	117	2954	0.075	ppbV	98
44) trichloroethene	11.841	130	3221	0.128	ppbV	97
57) tetrachloroethene	15.150	166	1244	0.032	ppbV #	91

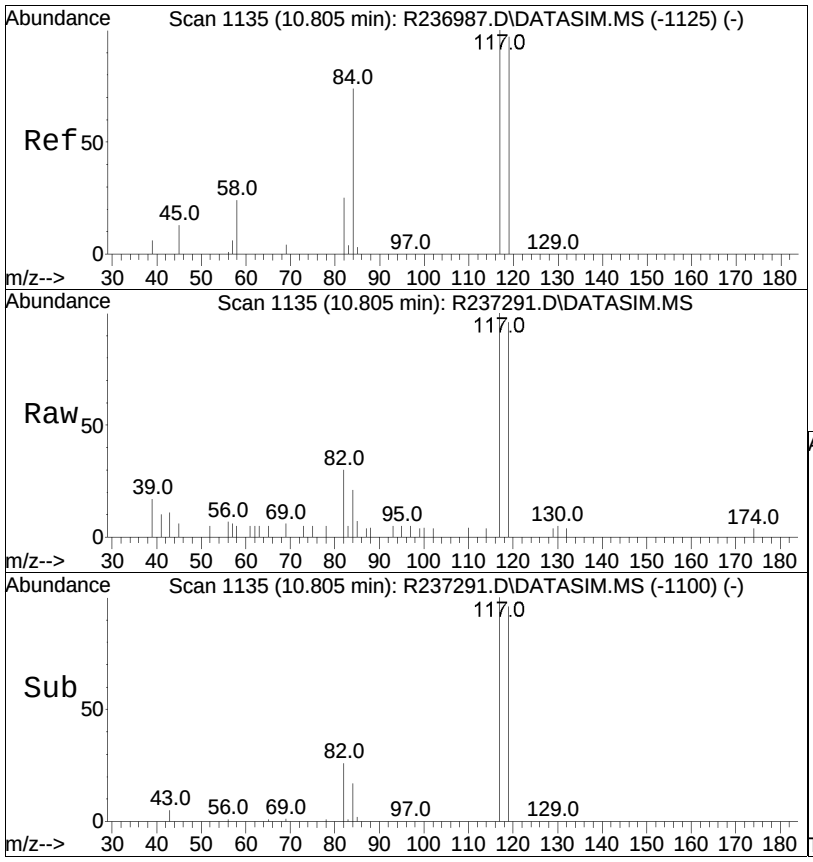
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .ta\Airlab23\2025\12\1211SIM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237291.D
Acq On : 12 Dec 2025 03:05 am
Operator : AIRLAB23:APR
Sample : L2576049-02,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 09:23:01 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

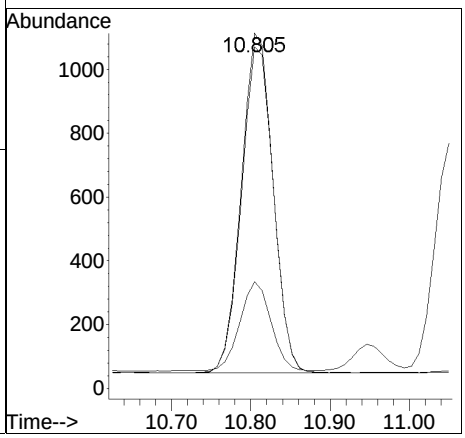


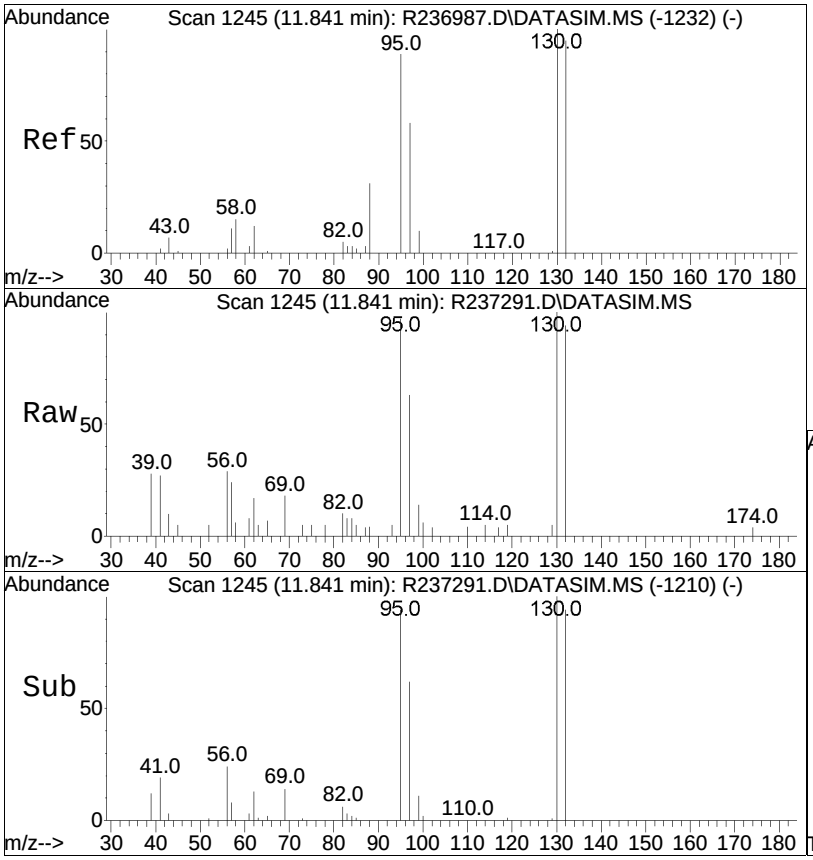


#38
carbon tetrachloride
Concen: 0.08 ppbV
RT: 10.805 min Scan# 1135
Delta R.T. -0.000 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:117 Resp: 2954

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
82	30.1	20.3	30.5

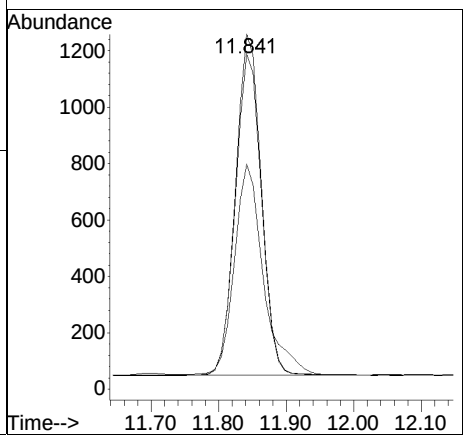


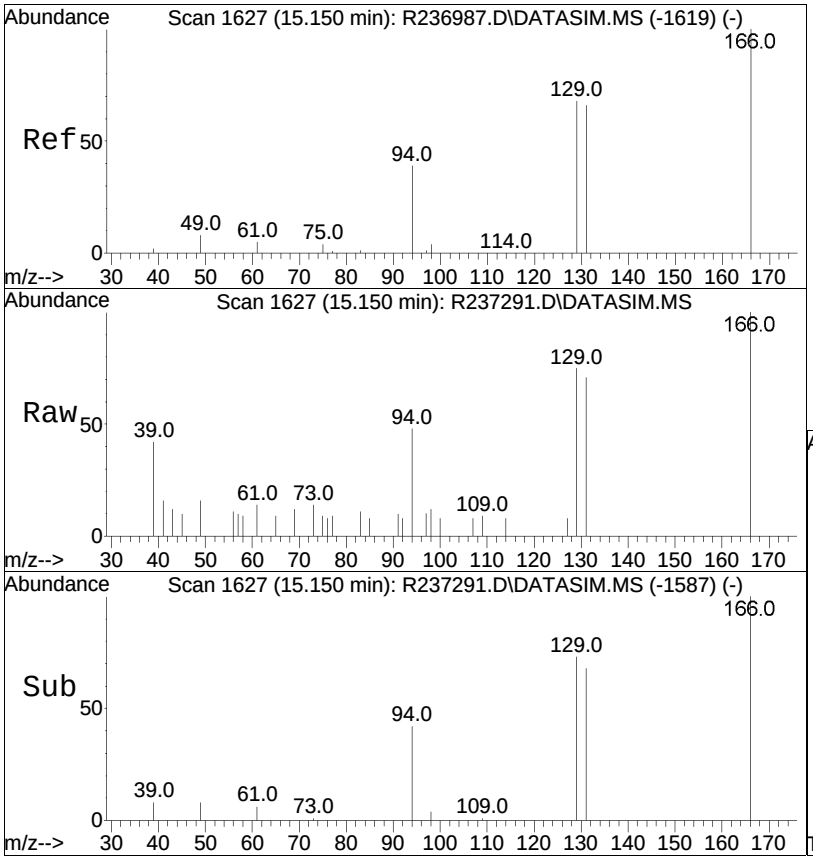


#44
trichloroethene
Concen: 0.13 ppbV
RT: 11.841 min Scan# 1245
Delta R.T. -0.000 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:130 Resp: 3221

Ion	Ratio	Lower	Upper
130	100		
132	94.4	76.4	114.6
97	63.4	46.3	69.5

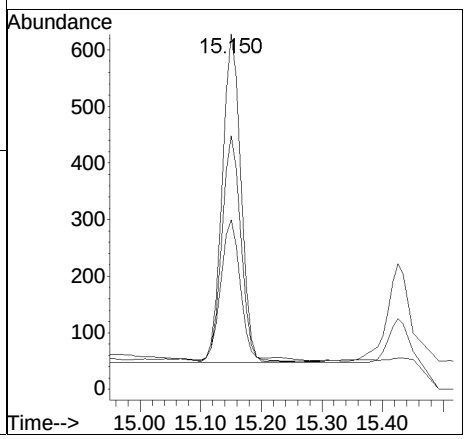




#57
tetrachloroethene
Concen: 0.03 ppbV
RT: 15.150 min Scan# 1627
Delta R.T. -0.000 min
Lab File: R237291.D
Acq: 12 Dec 2025 03:05 am

Tgt Ion:166 Resp: 1244

Ion	Ratio	Lower	Upper
166	100		
131	71.3	53.0	79.6
94	47.8	31.0	46.6#

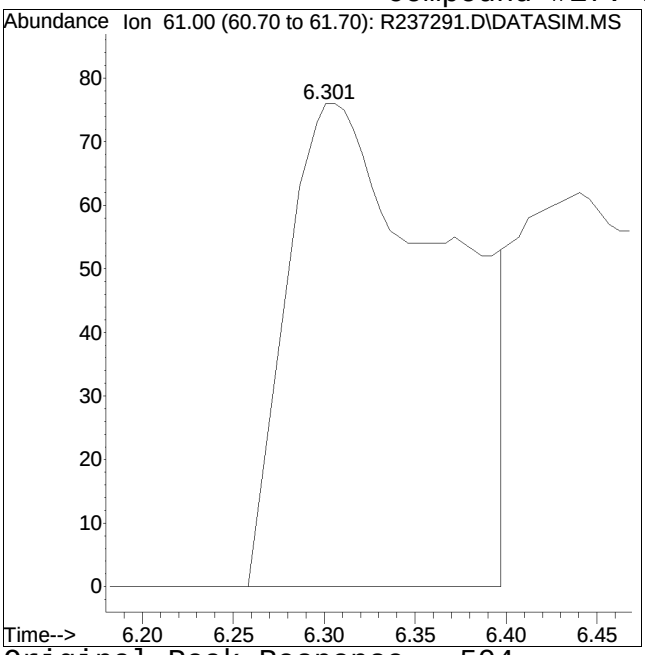


Manual Integration Report

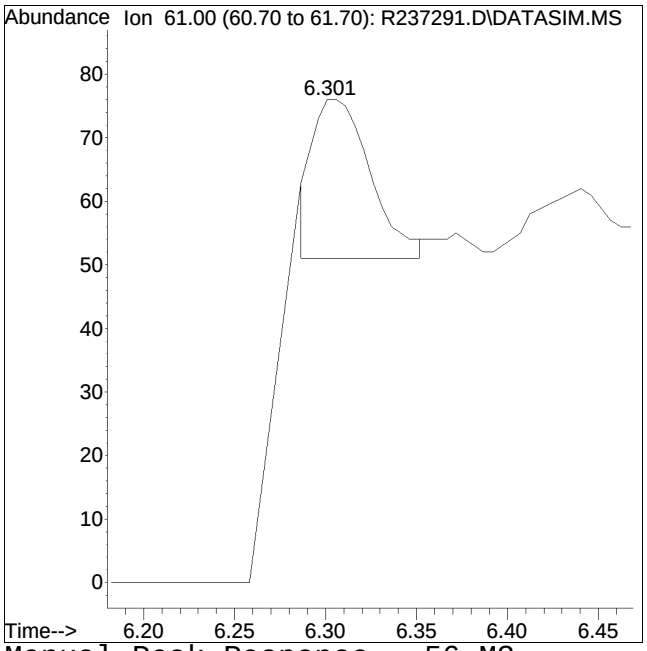
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237291.D
Date Inj'd : 12/12/2025 3:05 am
Sample : L2576049-02,3,250,250

Method : TSIM23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 9:23 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 504



Manual Peak Response = 56 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22841**
Calibration dates	**: 11/21/25 20:44 11/22/25 02:30**		

Calibration Files

0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D

5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------											
2)		propylene					0.424	0.447	0.358	0.349	0.367	0.348	0.382	11.15
3)		dichlorodifluoromethane				3.131	2.945	3.080	2.739	2.587	2.623	2.413	2.788	9.69
4)	C	chloromethane				0.891	0.818	0.823	0.712	0.708	0.722	0.679	0.765	10.32
5)		Freon-114		3.316	3.461	3.840	3.688	3.733	3.243	3.137	3.088	2.742	3.361	10.57
6)	C	vinyl chloride	1.048	1.026	1.032	1.163	1.107	1.108	0.956	0.943	0.937	0.870	1.019	9.03
7)	C	1,3-butadiene	0.669	0.658	0.629	0.698	0.680	0.664	0.543	0.545	0.596	0.561	0.624	9.39
8)	C	bromomethane	1.170	1.191	1.225	1.349	1.336	1.353	1.190	1.176	1.171	1.066	1.223	7.71
9)	C	chloroethane			0.607	0.663	0.630	0.626	0.553	0.556	0.554	0.514	0.588	8.63
10)		ethanol					0.401	0.399	0.367	0.359	0.386	0.368	0.380	4.74
11)	C	vinyl bromide				1.022	1.158	1.106	0.931	0.894	1.028	0.998	1.020	9.02
12)	C	acrolein		0.314	0.324	0.345	0.325	0.326	0.304	0.306	0.326	0.318	0.321	3.83
13)		acetone				1.120	1.065	1.043	0.859	0.839	0.929	0.889	0.963	11.55
14)		trichlorofluoromethane		2.929	2.946	3.234	3.184	3.146	2.837	2.759	2.831	2.675	2.949	6.71
15)		isopropyl alcohol				1.126	1.107	1.085	0.891	0.838	0.987	0.966	1.000	11.10
16)	C	acrylonitrile				0.575	0.524	0.528	0.508	0.508	0.541	0.589	0.539	5.90
17)	C	1,1-dichloroethene	1.717	1.606	1.585	1.758	1.895	1.844	1.657	1.660	1.644	1.586	1.695	6.34
18)		tertiary butyl alcohol					1.114	1.303	1.369	1.135	1.040	0.956	1.153	13.58
19)	C	methylene chloride					1.130	1.046	0.816	0.793	0.916	0.881	0.930	14.26
20)	C	3-chloropropene				0.696	0.693	0.684	0.584	0.577	0.652	0.638	0.646	7.70
21)	C	carbon disulfide				2.679	2.654	2.595	2.147	2.074	2.293	2.177	2.374	10.97
22)		Freon 113	2.573	2.333	2.363	2.629	2.573	2.500	2.238	2.165	2.217	2.123	2.371	7.85
23)		trans-1,2-dichloroethene	1.248	1.120	1.142	1.255	1.254	1.231	1.045	1.032	1.153	1.097	1.158	7.40
24)	C	1,1-dichloroethane	1.695	1.549	1.574	1.737	1.734	1.699	1.557	1.524	1.552	1.468	1.609	6.06
25)	C	MTBE	2.354	2.325	2.331	2.528	2.527	2.471	2.082	2.032	2.246	2.106	2.300	7.90
26)	C	vinyl acetate					1.615	1.466	1.059	1.149	1.427	1.484	1.367	15.74
27)	C	2-butanone				1.330	1.329	1.298	1.125	1.114	1.255	1.213	1.238	7.35
28)		cis-1,2-dichloroethene	1.342	1.195	1.189	1.312	1.334	1.307	1.209	1.189	1.220	1.157	1.246	5.62
29)		Ethyl Acetate				0.223	0.239	0.231	0.210	0.207	0.236	0.234	0.226	5.80
30)	C	chloroform	2.539	2.316	2.387	2.479	2.502	2.448	2.215	2.157	2.198	2.106	2.335	6.75
31)		Tetrahydrofuran				0.697	0.691	0.671	0.507	0.502	0.580	0.571	0.603	13.91
32)	C	1,2-dichloroethane	1.499	1.347	1.372	1.422	1.433	1.409	1.315	1.299	1.343	1.294	1.373	4.84
33)	I	1,4-difluorobenzene	----------ISTD----------											
34)	C	hexane				0.270	0.259	0.263	0.213	0.219	0.241	0.245	0.244	8.93
35)	s	1,2-dichloroethane-D4						0.278	0.268	0.279	0.274	0.277	0.275	1.58
36)	C	1,1,1-trichloroethane	0.646	0.569	0.571	0.640	0.625	0.639	0.655	0.686	0.689	0.670	0.639	6.54

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22841**
Calibration dates	**: 11/21/25 20:44 11/22/25 02:30**		

Calibration Files

0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D

5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
37)	C	benzene		0.701	0.694	0.770	0.750	0.760	0.689	0.704	0.702	0.669	0.715	4.94
38)	C	carbon tetrachloride	0.718	0.643	0.638	0.719	0.699	0.716	0.639	0.652	0.662	0.656	0.674	5.14
39)		cyclohexane				0.274	0.265	0.267	0.218	0.222	0.244	0.240	0.247	9.00
40)		Dibromomethane		0.360	0.341	0.372	0.360	0.368	0.334	0.347	0.352	0.345	0.353	3.60
41)	C	1,2-dichloropropane	0.265	0.221	0.216	0.244	0.239	0.244	0.220	0.226	0.225	0.220	0.232	6.67
42)		bromodichloromethane	0.598	0.495	0.507	0.577	0.569	0.588	0.498	0.519	0.570	0.557	0.548	7.13
43)	C	1,4-dioxane			0.142	0.170	0.166	0.170	0.146	0.146	0.165	0.162	0.158	7.41
44)	C	trichloroethene	0.459	0.404	0.411	0.456	0.443	0.452	0.411	0.421	0.425	0.420	0.430	4.77
45)	C	2,2,4-trimethylpentane				0.847	0.827	0.840	0.654	0.688	0.740	0.726	0.760	10.25
46)		heptane				0.246	0.240	0.243	0.203	0.210	0.232	0.237	0.230	7.27
47)	C	cis-1,3-dichloropropene	0.377	0.331	0.345	0.388	0.386	0.395	0.378	0.400	0.412	0.407	0.382	6.82
48)	C	4-methyl-2-pentanone					0.364	0.375	0.327	0.338	0.368	0.363	0.356	5.27
49)		trans-1,3-dichloropropene	0.290	0.251	0.265	0.301	0.301	0.311	0.300	0.321	0.335	0.333	0.301	9.02
50)	C	1,1,2-trichloroethane	0.377	0.331	0.337	0.376	0.372	0.379	0.350	0.363	0.366	0.354	0.361	4.70
51)	I	chlorobenzene-D5	----------ISTD----------											
52)	C	toluene			7.371	7.810	7.449	7.577	6.693	6.817	6.859	6.114	7.086	7.91
53)	s	toluene-D8						6.278	6.064	6.150	6.243	5.868	6.121	2.68
54)		2-hexanone				2.359	2.479	2.600	2.277	2.325	2.656	2.600	2.471	6.16
55)		dibromochloromethane	5.552	4.919	4.876	5.352	5.171	5.275	4.422	4.596	5.265	4.959	5.039	6.97
56)	C	1,2-dibromoethane	4.667	4.184	4.179	4.644	4.504	4.572	4.118	4.242	4.356	4.005	4.347	5.43
57)	C	tetrachloroethene	5.304	4.582	4.520	4.946	4.763	4.790	4.203	4.283	4.474	4.251	4.611	7.51
58)		1,1,1,2-tetrachloroethane	3.920	3.438	3.457	3.863	3.731	3.815	3.512	3.703	3.959	3.809	3.721	5.12
59)	C	chlorobenzene	6.935	6.129	6.022	6.758	6.515	6.584	5.859	5.999	6.116	5.621	6.254	6.76
60)	C	ethylbenzene	1.005	0.884	0.869	0.980	0.950	0.972	0.882	0.902	0.903	0.804	0.915	6.69
61)	C	m+p-xylene	7.603	6.670	6.619	7.454	7.267	7.368	6.539	6.671	6.687	6.120	6.900	7.04
62)	C	bromoform	4.964	4.430	4.306	4.844	4.738	4.860	4.163	4.416	5.266	5.192	4.718	7.97
63)	C	styrene	5.515	4.919	4.880	5.431	5.374	5.527	5.179	5.413	5.656	5.229	5.312	4.86
64)	C	1,1,2,2-tetrachloroethane	5.654	5.029	4.951	5.507	5.400	5.514	4.952	5.026	5.088	4.765	5.188	5.83
65)	C	o-xylene	7.887	6.845	6.756	7.519	7.283	7.430	6.584	6.729	6.837	6.405	7.028	6.75
66)		1,2,3-Trichloropropane	3.957	3.555	3.562	3.926	3.764	3.828	3.383	3.444	3.541	3.364	3.632	6.06
67)	s	bromofluorobenzene						3.657	3.645	3.681	3.807	3.801	3.718	2.14
68)	C	isopropylbenzene				1.039	0.998	1.027	0.935	0.964	0.996	0.884	0.977	5.56
69)		Bromobenzene	4.769	4.259	4.315	4.641	4.437	4.574	4.129	4.243	4.424	4.253	4.404	4.62
70)		4-ethyl toluene	9.964	8.845	8.673	9.663	9.577	9.662	8.201	8.545	9.389	8.541	9.106	6.72
71)		1,3,5-trimethylbenzene	8.356	7.543	7.558	7.920	7.741	7.966	7.324	7.460	7.838	7.082	7.679	4.74
72)		tert-butylbenzene	0.984	0.956	0.916	0.958	0.934	0.952	0.881	1.065	0.965	0.851	0.946	6.15

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: TRC Environmental Corp**	**Lab Number**	**: L2576049**
Project Name	**: LIRR-NPY-RHY**	**Project Number**	**: 000639300**
Instrument ID	**: AIRLAB23**	**Ical Ref**	**: ICAL22841**
Calibration dates	**: 11/21/25 20:44 11/22/25 02:30**		

Calibration Files

0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D

5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

	Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
73)	1,2,4-trimethylbenzene	8.633	7.847	7.765	8.327	8.158	8.365	7.900	8.260	8.509	7.692	8.146	4.02
74) C	Benzyl Chloride			3.667	4.301	4.623	5.137	5.413	5.957	6.905	6.993	5.375	22.23
75)	1,3-dichlorobenzene	6.638	6.427	6.363	6.777	6.657	6.821	6.335	6.760	7.435	6.971	6.718	4.87
76) C	1,4-dichlorobenzene	6.671	5.982	6.049	6.585	6.491	6.735	6.300	6.481	6.822	7.002	6.512	5.01
77)	sec-butylbenzene				1.248	1.229	1.245	1.116	1.151	1.177	1.053	1.174	6.23
78)	p-isopropyltoluene				1.134	1.117	1.142	1.078	1.141	1.176	1.005	1.113	5.06
79)	1,2-dichlorobenzene	6.542	6.078	6.126	6.336	6.241	6.370	6.102	6.411	6.867	6.775	6.385	4.29
80)	n-butylbenzene				8.771	8.845	9.120	8.744	9.144	9.394	8.546	8.938	3.27
81)	1,2-dibromo-3-chloropr...	2.279	2.057	2.120	2.123	2.197	2.327	2.413	2.574	2.739	2.863	2.369	11.64
82) C	1,2,4-trichlorobenzene		4.217	4.700	3.980	4.485	4.864	5.793	6.500	6.908	7.085	5.392	22.24
83)	naphthalene		0.803	0.880	0.747	0.920	1.009	1.238	1.331	1.300	1.190	1.046	21.28
84)	1,2,3-trichlorobenzene		4.546	4.849	3.805	4.532	4.912	5.760	6.383	6.544	6.815	5.350	19.77
85) C	hexachlorobutadiene		4.566	4.734	3.905	4.317	4.486	4.834	5.315	5.631	5.811	4.844	12.96

Response Factor Report Airlab 23

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Method File : TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025
Response Via : Initial Calibration

Calibration Files
0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D
5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
1)	I	bromochloromethane	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	----------		
2)		propylene					0.424	0.447	0.358	0.349	0.367	0.348	0.382	11.15
3)		dichlorodifluo...				3.131	2.945	3.080	2.739	2.587	2.623	2.413	2.788	9.69
4)	C	chloromethane				0.891	0.818	0.823	0.712	0.708	0.722	0.679	0.765	10.32
5)		Freon-114		3.316	3.461	3.840	3.688	3.733	3.243	3.137	3.088	2.742	3.361	10.57
6)	C	vinyl chloride	1.048	1.026	1.032	1.163	1.107	1.108	0.956	0.943	0.937	0.870	1.019	9.03
7)	C	1,3-butadiene	0.669	0.658	0.629	0.698	0.680	0.664	0.543	0.545	0.596	0.561	0.624	9.39
8)	C	bromomethane	1.170	1.191	1.225	1.349	1.336	1.353	1.190	1.176	1.171	1.066	1.223	7.71
9)	C	chloroethane			0.607	0.663	0.630	0.626	0.553	0.556	0.554	0.514	0.588	8.63
10)		ethanol					0.401	0.399	0.367	0.359	0.386	0.368	0.380	4.74
11)	C	vinyl bromide				1.022	1.158	1.106	0.931	0.894	1.028	0.998	1.020	9.02
12)	C	acrolein		0.314	0.324	0.345	0.325	0.326	0.304	0.306	0.326	0.318	0.321	3.83
13)		acetone				1.120	1.065	1.043	0.859	0.839	0.929	0.889	0.963	11.55
14)		trichlorofluor...		2.929	2.946	3.234	3.184	3.146	2.837	2.759	2.831	2.675	2.949	6.71
15)		isopropyl alcohol				1.126	1.107	1.085	0.891	0.838	0.987	0.966	1.000	11.10
16)	C	acrylonitrile				0.575	0.524	0.528	0.508	0.508	0.541	0.589	0.539	5.90

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Method File : TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025
Response Via : Initial Calibration

Calibration Files
0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D
5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
17)	C	1,1-dichloroet...	1.717	1.606	1.585	1.758	1.895	1.844	1.657	1.660	1.644	1.586	1.695	6.34
18)		tertiary butyl...					1.114	1.303	1.369	1.135	1.040	0.956	1.153	13.58
19)	C	methylene chlo...					1.130	1.046	0.816	0.793	0.916	0.881	0.930	14.26
20)	C	3-chloropropene				0.696	0.693	0.684	0.584	0.577	0.652	0.638	0.646	7.70
21)	C	carbon disulfide				2.679	2.654	2.595	2.147	2.074	2.293	2.177	2.374	10.97
22)		Freon 113	2.573	2.333	2.363	2.629	2.573	2.500	2.238	2.165	2.217	2.123	2.371	7.85
23)		trans-1,2-dich...	1.248	1.120	1.142	1.255	1.254	1.231	1.045	1.032	1.153	1.097	1.158	7.40
24)	C	1,1-dichloroet...	1.695	1.549	1.574	1.737	1.734	1.699	1.557	1.524	1.552	1.468	1.609	6.06
25)	C	MTBE	2.354	2.325	2.331	2.528	2.527	2.471	2.082	2.032	2.246	2.106	2.300	7.90
26)	C	vinyl acetate					1.615	1.466	1.059	1.149	1.427	1.484	1.367	15.74
27)	C	2-butanone				1.330	1.329	1.298	1.125	1.114	1.255	1.213	1.238	7.35
28)		cis-1,2-dichlo...	1.342	1.195	1.189	1.312	1.334	1.307	1.209	1.189	1.220	1.157	1.246	5.62
29)		Ethyl Acetate				0.223	0.239	0.231	0.210	0.207	0.236	0.234	0.226	5.80
30)	C	chloroform	2.539	2.316	2.387	2.479	2.502	2.448	2.215	2.157	2.198	2.106	2.335	6.75
31)		Tetrahydrofuran				0.697	0.691	0.671	0.507	0.502	0.580	0.571	0.603	13.91
32)	C	1,2-dichloroet...	1.499	1.347	1.372	1.422	1.433	1.409	1.315	1.299	1.343	1.294	1.373	4.84

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Method File : TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025
Response Via : Initial Calibration

Calibration Files
0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D
5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
33)	I	1,4-difluorobenzene	----------ISTD----------											
34)	C	hexane				0.270	0.259	0.263	0.213	0.219	0.241	0.245	0.244	8.93
35)	s	1,2-dichloroet...						0.278	0.268	0.279	0.274	0.277	0.275	1.58
36)	C	1,1,1-trichlor...	0.646	0.569	0.571	0.640	0.625	0.639	0.655	0.686	0.689	0.670	0.639	6.54
37)	C	benzene		0.701	0.694	0.770	0.750	0.760	0.689	0.704	0.702	0.669	0.715	4.94
38)	C	carbon tetrach...	0.718	0.643	0.638	0.719	0.699	0.716	0.639	0.652	0.662	0.656	0.674	5.14
39)		cyclohexane				0.274	0.265	0.267	0.218	0.222	0.244	0.240	0.247	9.00
40)		Dibromomethane		0.360	0.341	0.372	0.360	0.368	0.334	0.347	0.352	0.345	0.353	3.60
41)	C	1,2-dichloropr...	0.265	0.221	0.216	0.244	0.239	0.244	0.220	0.226	0.225	0.220	0.232	6.67
42)		bromodichlorom...	0.598	0.495	0.507	0.577	0.569	0.588	0.498	0.519	0.570	0.557	0.548	7.13
43)	C	1,4-dioxane			0.142	0.170	0.166	0.170	0.146	0.146	0.165	0.162	0.158	7.41
44)	C	trichloroethene	0.459	0.404	0.411	0.456	0.443	0.452	0.411	0.421	0.425	0.420	0.430	4.77
45)	C	2,2,4-trimethy...				0.847	0.827	0.840	0.654	0.688	0.740	0.726	0.760	10.25
46)		heptane				0.246	0.240	0.243	0.203	0.210	0.232	0.237	0.230	7.27
47)	C	cis-1,3-dichlo...	0.377	0.331	0.345	0.388	0.386	0.395	0.378	0.400	0.412	0.407	0.382	6.82
48)	C	4-methyl-2-pen...						0.364	0.375	0.327	0.338	0.368	0.363	0.356	5.27

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Method File : TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025
Response Via : Initial Calibration

Calibration Files
0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D
5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
49)		trans-1,3-dich...	0.290	0.251	0.265	0.301	0.301	0.311	0.300	0.321	0.335	0.333	0.301	9.02
50)	C	1,1,2-trichlor...	0.377	0.331	0.337	0.376	0.372	0.379	0.350	0.363	0.366	0.354	0.361	4.70
51)	I	chlorobenzene-D5	----------ISTD----------											
52)	C	toluene				7.371	7.810	7.449	7.577	6.693	6.817	6.859	6.114	7.086	7.91
53)	s	toluene-D8							6.278	6.064	6.150	6.243	5.868	6.121	2.68
54)		2-hexanone					2.359	2.479	2.600	2.277	2.325	2.656	2.600	2.471	6.16
55)		dibromochlorom...	5.552	4.919	4.876	5.352	5.171	5.275	4.422	4.596	5.265	4.959	5.039	6.97
56)	C	1,2-dibromoethane	4.667	4.184	4.179	4.644	4.504	4.572	4.118	4.242	4.356	4.005	4.347	5.43
57)	C	tetrachloroethene	5.304	4.582	4.520	4.946	4.763	4.790	4.203	4.283	4.474	4.251	4.611	7.51
58)		1,1,1,2-tetrac...	3.920	3.438	3.457	3.863	3.731	3.815	3.512	3.703	3.959	3.809	3.721	5.12
59)	C	chlorobenzene	6.935	6.129	6.022	6.758	6.515	6.584	5.859	5.999	6.116	5.621	6.254	6.76
60)	C	ethylbenzene	1.005	0.884	0.869	0.980	0.950	0.972	0.882	0.902	0.903	0.804	0.915	6.69
61)	C	m+p-xylene	7.603	6.670	6.619	7.454	7.267	7.368	6.539	6.671	6.687	6.120	6.900	7.04
62)	C	bromoform	4.964	4.430	4.306	4.844	4.738	4.860	4.163	4.416	5.266	5.192	4.718	7.97
63)	C	styrene	5.515	4.919	4.880	5.431	5.374	5.527	5.179	5.413	5.656	5.229	5.312	4.86
64)	C	1,1,2,2-tetrac...	5.654	5.029	4.951	5.507	5.400	5.514	4.952	5.026	5.088	4.765	5.188	5.83

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Method File : TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025
Response Via : Initial Calibration

Calibration Files
0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D
5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
65)	C	o-xylene	7.887	6.845	6.756	7.519	7.283	7.430	6.584	6.729	6.837	6.405	7.028	6.75
66)		1,2,3-Trichlor...	3.957	3.555	3.562	3.926	3.764	3.828	3.383	3.444	3.541	3.364	3.632	6.06
67)	s	bromofluoroben...						3.657	3.645	3.681	3.807	3.801	3.718	2.14
68)	C	isopropylbenzene				1.039	0.998	1.027	0.935	0.964	0.996	0.884	0.977	5.56
69)		Bromobenzene	4.769	4.259	4.315	4.641	4.437	4.574	4.129	4.243	4.424	4.253	4.404	4.62
70)		4-ethyl toluene	9.964	8.845	8.673	9.663	9.577	9.662	8.201	8.545	9.389	8.541	9.106	6.72
71)		1,3,5-trimethy...	8.356	7.543	7.558	7.920	7.741	7.966	7.324	7.460	7.838	7.082	7.679	4.74
72)		tert-butylbenzene	0.984	0.956	0.916	0.958	0.934	0.952	0.881	1.065	0.965	0.851	0.946	6.15
73)		1,2,4-trimethy...	8.633	7.847	7.765	8.327	8.158	8.365	7.900	8.260	8.509	7.692	8.146	4.02
74)	C	Benzyl Chloride			3.667	4.301	4.623	5.137	5.413	5.957	6.905	6.993	5.375	22.23
75)		1,3-dichlorobe...	6.638	6.427	6.363	6.777	6.657	6.821	6.335	6.760	7.435	6.971	6.718	4.87
76)	C	1,4-dichlorobe...	6.671	5.982	6.049	6.585	6.491	6.735	6.300	6.481	6.822	7.002	6.512	5.01
77)		sec-butylbenzene				1.248	1.229	1.245	1.116	1.151	1.177	1.053	1.174	6.23
78)		p-isopropyltol...				1.134	1.117	1.142	1.078	1.141	1.176	1.005	1.113	5.06
79)		1,2-dichlorobe...	6.542	6.078	6.126	6.336	6.241	6.370	6.102	6.411	6.867	6.775	6.385	4.29
80)		n-butylbenzene				8.771	8.845	9.120	8.744	9.144	9.394	8.546	8.938	3.27

Method Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Method File : TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025
Response Via : Initial Calibration

Calibration Files
0.02=R236981.D 0.05=R236982.D 0.1 =R236983.D 0.2 =R236984.D 0.5 =R236985.D 1.0 =R236986.D
5.0 =R236987.D 10.0=R236988.D 20.0=R236989.D 50.0=R236990.D

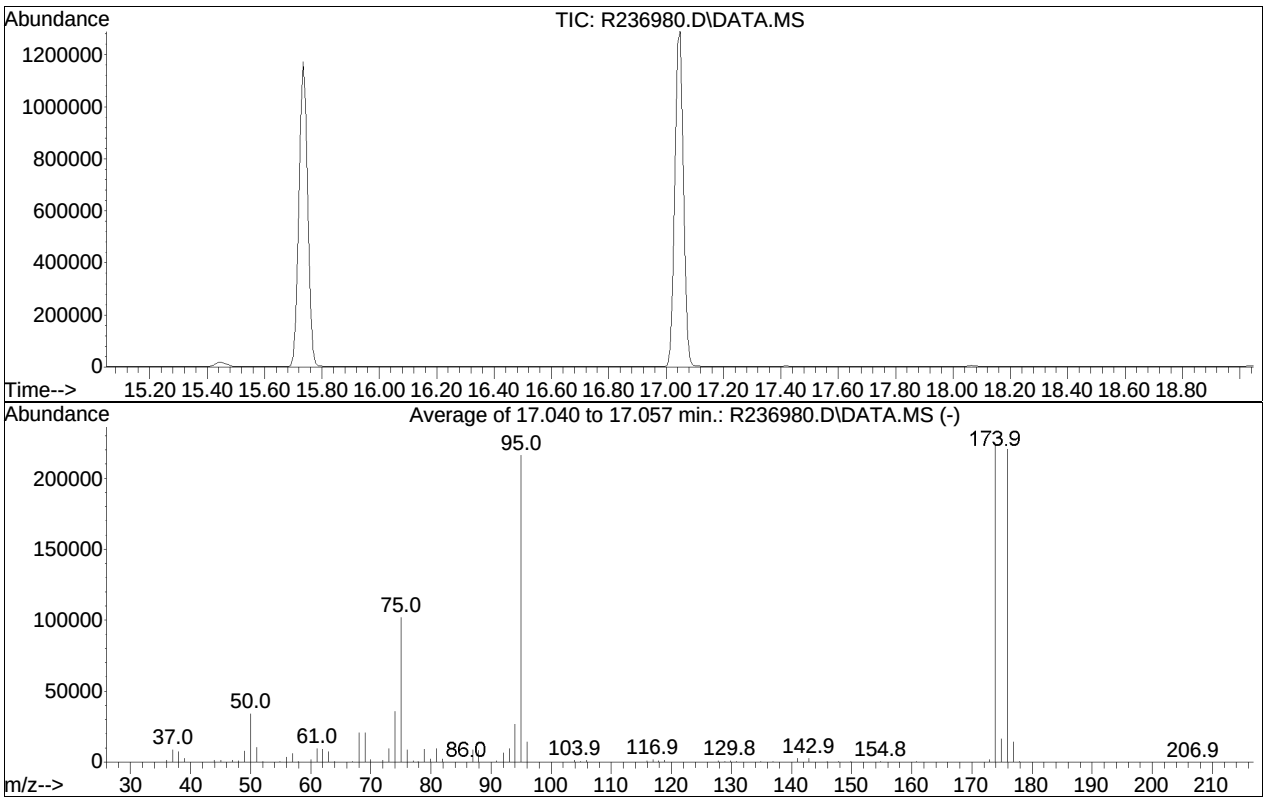
		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
81)		1,2-dibromo-3-...	2.279	2.057	2.120	2.123	2.197	2.327	2.413	2.574	2.739	2.863	2.369	11.64
82)	C	1,2,4-trichlor...		4.217	4.700	3.980	4.485	4.864	5.793	6.500	6.908	7.085	5.392	22.24
83)		naphthalene		0.803	0.880	0.747	0.920	1.009	1.238	1.331	1.300	1.190	1.046	21.28
84)		1,2,3-trichlor...		4.546	4.849	3.805	4.532	4.912	5.760	6.383	6.544	6.815	5.350	19.77
85)	C	hexachlorobuta...		4.566	4.734	3.905	4.317	4.486	4.834	5.315	5.631	5.811	4.844	12.96

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236980.D
Acq On : 21 Nov 2025 08:09 pm
Operator : AIRLAB23:BJB
Sample : WG2145606-1,3,250,250
Misc : WG2145606
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab23\2025\11\1121T_I\TFS23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 15:33:01 2025



Spectrum Information: Average of 17.040 to 17.057 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	15.7	34024	PASS
75	95	30	66	47.1	101915	PASS
95	95	100	100	100.0	216448	PASS
96	95	5	9	6.5	14166	PASS
173	174	0.00	2	0.8	1777	PASS
174	95	50	120	104.0	225088	PASS
175	174	4	9	7.2	16309	PASS
176	174	93	101	97.9	220395	PASS
177	176	5	9	6.4	14077	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236981.D
Acq On : 21 Nov 2025 08:44 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.02
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:49 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	296138	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 121.39%			
33) 1,4-difluorobenzene	11.049	114	1195701	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 113.84%			
51) chlorobenzene-D5	15.737	54	151396	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 107.93%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	0.000	65	0	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
53) toluene-D8	13.865	98	284	0.003	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.03%#			
67) bromofluorobenzene	17.051	95	1018	0.018	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.18%#			
Target Compounds						Qvalue
2) propylene	3.795	41	486M6	0.046	ppbV	
3) dichlorodifluoromethane	3.865	85	1739	0.021	ppbV	96
4) chloromethane	4.034	50	552M3	0.026	ppbV	
5) Freon-114	4.134	85	2091	0.022	ppbV	97
6) vinyl chloride	4.257	62	621	0.022	ppbV #	65
7) 1,3-butadiene	4.397	54	396	0.025	ppbV #	29
8) bromomethane	4.673	94	693	0.020	ppbV	92
9) chloroethane	4.848	64	473	0.029	ppbV #	71
10) ethanol	5.024	31	1461	0.134	ppbV	96
11) vinyl bromide	5.224	106	593M4	0.022	ppbV	
12) acrolein	5.382	56	224M4	0.025	ppbV	
13) acetone	5.533	43	4641	0.182	ppbV #	99
14) trichlorofluoromethane	5.668	101	1862	0.022	ppbV	98
15) isopropyl alcohol	5.820	45	3140	0.119	ppbV #	87
16) acrylonitrile	6.024	53	344M4	0.023	ppbV	
17) 1,1-dichloroethene	6.360	61	1017	0.021	ppbV #	88
18) tertiary butyl alcohol	6.496	59	1209	0.030	ppbV #	47
19) methylene chloride	6.496	49	1249	0.052	ppbV	100
20) 3-chloropropene	6.625	41	460	0.027	ppbV #	86
21) carbon disulfide	6.804	76	1502	0.024	ppbV #	1
22) Freon 113	6.798	101	1524	0.023	ppbV	96
23) trans-1,2-dichloroethene	7.533	61	739	0.024	ppbV	94
24) 1,1-dichloroethane	7.749	63	1004	0.022	ppbV #	85

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236981.D
Acq On : 21 Nov 2025 08:44 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.02
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:49 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) MTBE	7.885	73	1394	0.023	ppbV #	55
26) vinyl acetate	7.960	43	1022	0.033	ppbV #	88
27) 2-butanone	8.275	43	899	0.027	ppbV #	86
28) cis-1,2-dichloroethene	8.685	61	795	0.022	ppbV	95
29) Ethyl Acetate	9.036	61	274	0.044	ppbV #	1
30) chloroform	9.011	83	1504	0.023	ppbV #	91
31) Tetrahydrofuran	9.549	42	375	0.025	ppbV	93
32) 1,2-dichloroethane	9.843	62	888	0.023	ppbV #	73
34) hexane	8.930	57	1047	0.041	ppbV #	10
36) 1,1,1-trichloroethane	10.120	97	1546	0.020	ppbV #	88
37) benzene	10.635	78	1965	0.024	ppbV #	81
38) carbon tetrachloride	10.804	117	1717	0.022	ppbV #	96
39) cyclohexane	10.946	56	638	0.025	ppbV #	75
40) Dibromomethane	11.539	93	1186	0.030	ppbV #	96
41) 1,2-dichloropropane	11.568	63	634	0.024	ppbV #	76
42) bromodichloromethane	11.794	83	1430	0.024	ppbV #	95
43) 1,4-dioxane	11.935	88	424	0.024	ppbV #	74
44) trichloroethene	11.841	130	1098	0.022	ppbV	95
45) 2,2,4-trimethylpentane	11.898	57	2066	0.026	ppbV #	74
46) heptane	12.199	43	640	0.026	ppbV	96
47) cis-1,3-dichloropropene	12.848	75	902	0.020	ppbV #	63
48) 4-methyl-2-pentanone	12.981	43	945	0.024	ppbV #	95
49) trans-1,3-dichloropropene	13.465	75	693	0.019	ppbV #	44
50) 1,1,2-trichloroethane	13.657	97	902	0.022	ppbV	92
52) toluene	13.982	91	2831	0.028	ppbV	97
54) 2-hexanone	14.382	43	568	0.016	ppbV #	85
55) dibromochloromethane	14.432	129	1681	0.025	ppbV #	96
56) 1,2-dibromoethane	14.691	107	1413	0.023	ppbV	100
57) tetrachloroethene	15.150	166	1606	0.025	ppbV	94
58) 1,1,1,2-tetrachloroethane	15.763	131	1187	0.022	ppbV #	93
59) chlorobenzene	15.771	112	2100	0.024	ppbV #	79
60) ethylbenzene	16.111	91	3044	0.023	ppbV	99
61) m+p-xylene	16.268	91	4604M6	0.047	ppbV	
62) bromoform	16.328	173	1503	0.024	ppbV	96
63) styrene	16.581	104	1670	0.021	ppbV	93
64) 1,1,2,2-tetrachloroethane	16.668	83	1712	0.023	ppbV	99
65) o-xylene	16.668	91	2388	0.024	ppbV	100
66) 1,2,3-Trichloropropane	16.781	75	1198	0.023	ppbV	98
68) isopropylbenzene	17.164	105	3341	0.024	ppbV	94
69) Bromobenzene	17.234	77	1444	0.023	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236981.D
Acq On : 21 Nov 2025 08:44 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.02
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:49 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

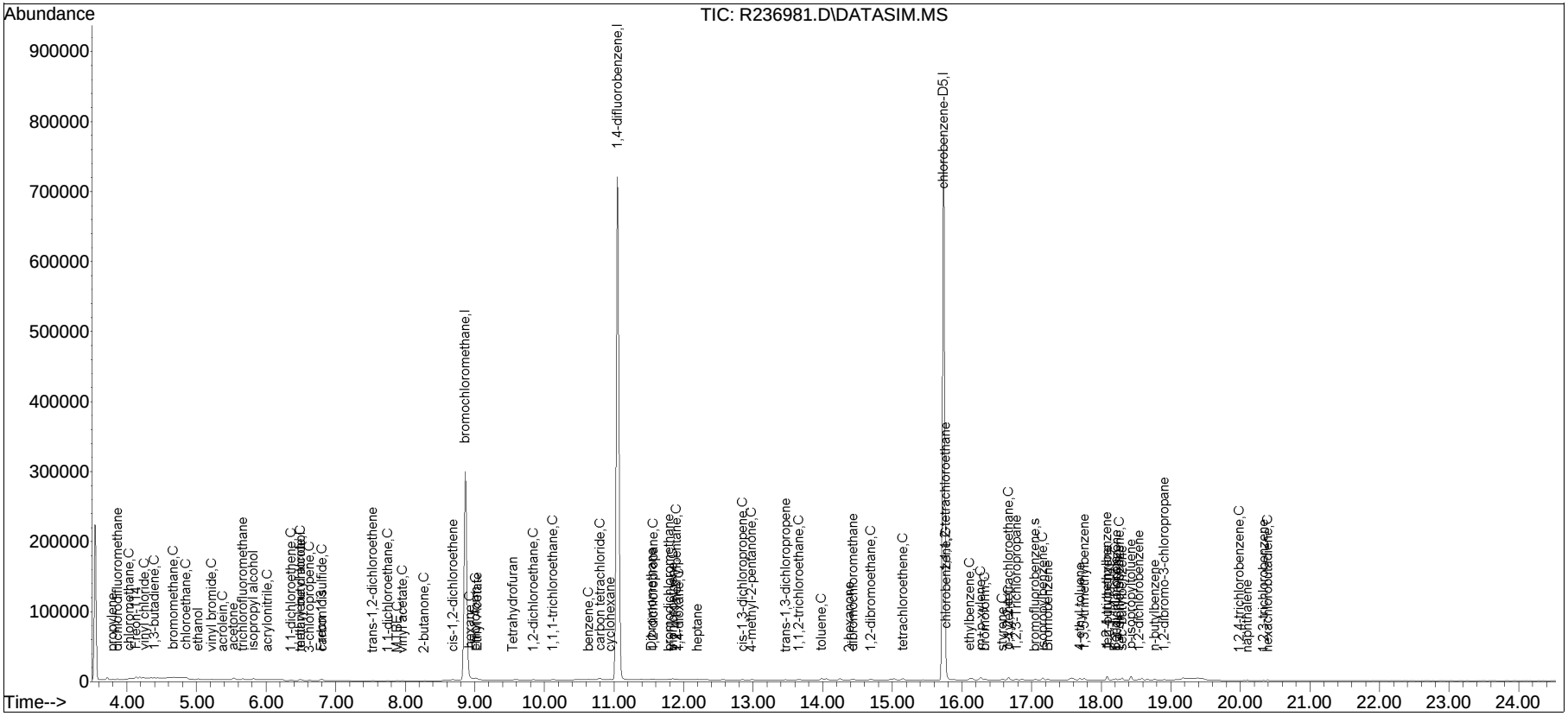
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.695	105	3017	0.024	ppbV #	92
71) 1,3,5-trimethylbenzene	17.756	105	2530	0.023	ppbV #	95
72) tert-butylbenzene	18.089	119	2978M4	0.022	ppbV	
73) 1,2,4-trimethylbenzene	18.081	105	2614	0.022	ppbV	92
74) Benzyl Chloride	18.201	91	1067	0.013	ppbV #	88
75) 1,3-dichlorobenzene	18.217	146	2010M4	0.021	ppbV	
76) 1,4-dichlorobenzene	18.265	146	2020	0.021	ppbV #	83
77) sec-butylbenzene	18.305	105	3894	0.023	ppbV	97
78) p-isopropyltoluene	18.432	119	3608	0.022	ppbV	97
79) 1,2-dichlorobenzene	18.544	146	1981	0.021	ppbV #	93
80) n-butylbenzene	18.768	91	2705	0.020	ppbV	93
81) 1,2-dibromo-3-chloropr...	18.903	75	690	0.019	ppbV	91
82) 1,2,4-trichlorobenzene	19.989	180	1276	0.015	ppbV #	83
83) naphthalene	20.100	128	2459	0.013	ppbV #	80
84) 1,2,3-trichlorobenzene	20.334	180	1268	0.015	ppbV #	82
85) hexachlorobutadiene	20.392	225	1434	0.020	ppbV	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236981.D
Acq On : 21 Nov 2025 08:44 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.02
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:49 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

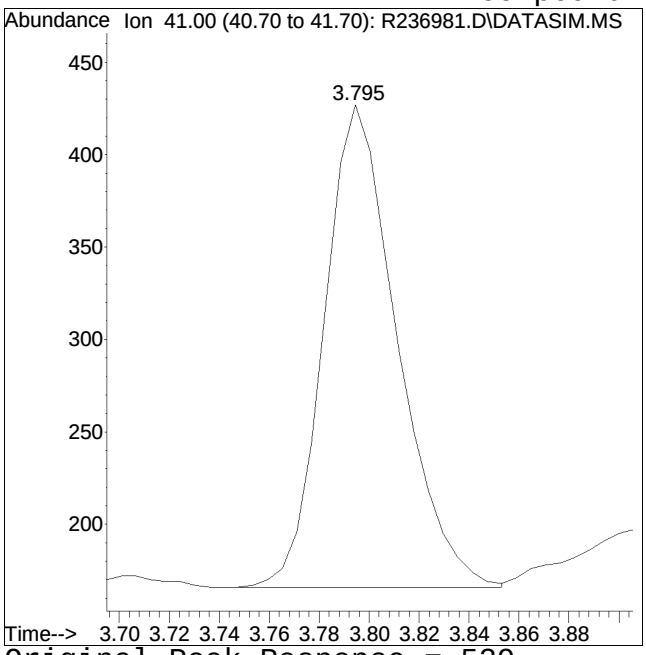


Manual Integration Report

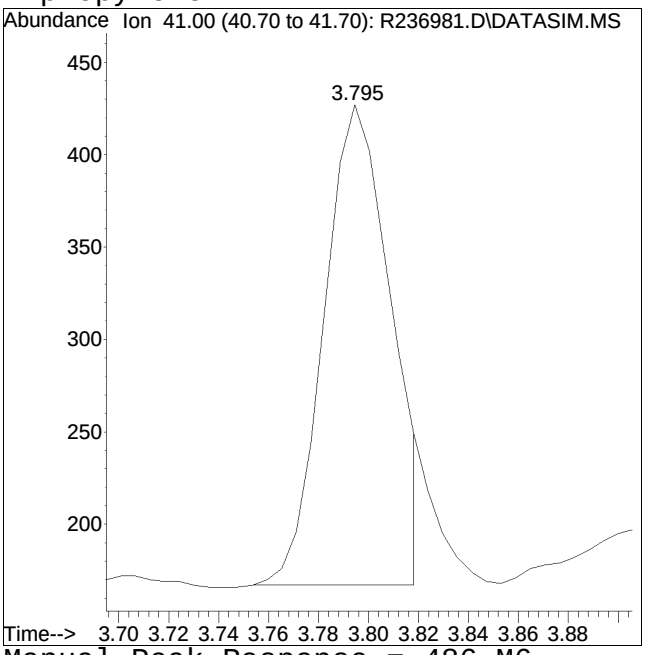
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236981.D
Date Inj'd : 11/21/2025 8:44 pm
Sample : ITO15-SIMSTD0.02

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:12 am

Compound #2: propylene



Original Peak Response = 529



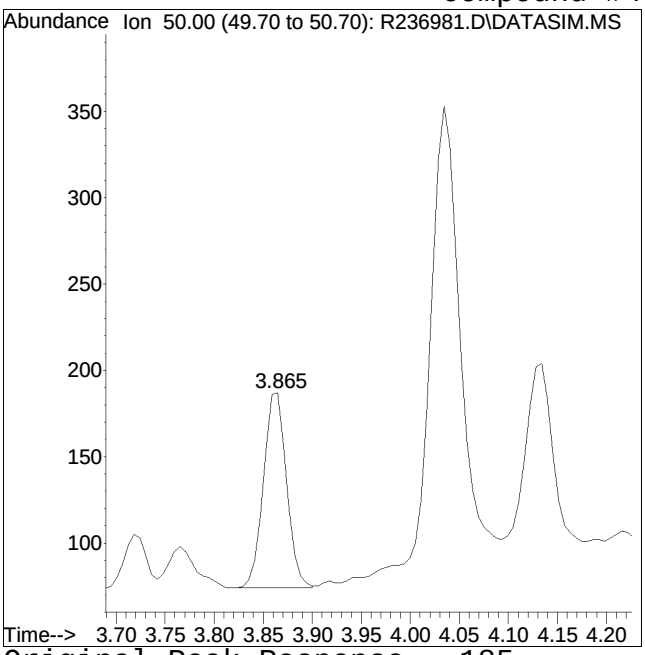
Manual Peak Response = 486 M6

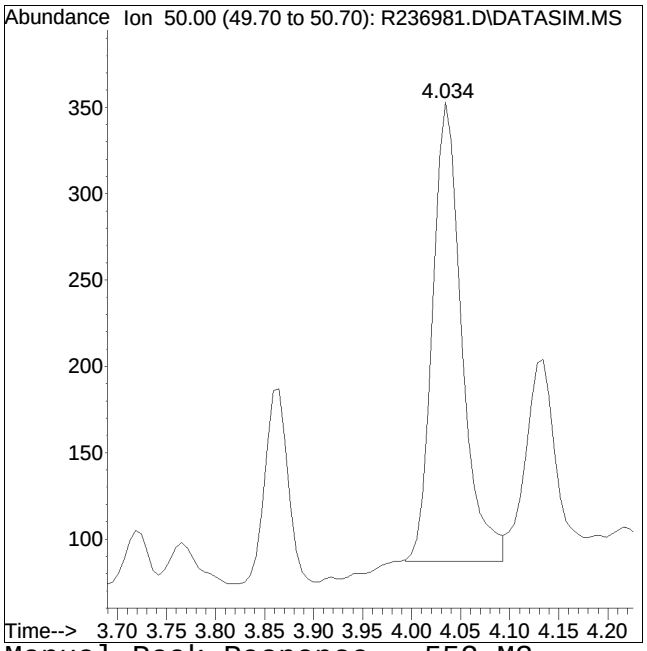
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236981.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 8:44 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.02 Quant Date : 11/22/2025 10:12 am

Compound #4: chloromethane





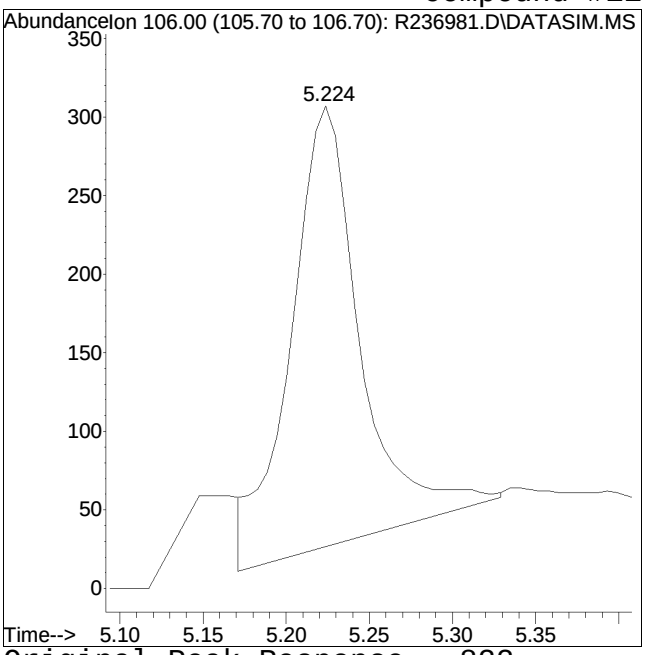
Original Peak Response = 185 Manual Peak Response = 552 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

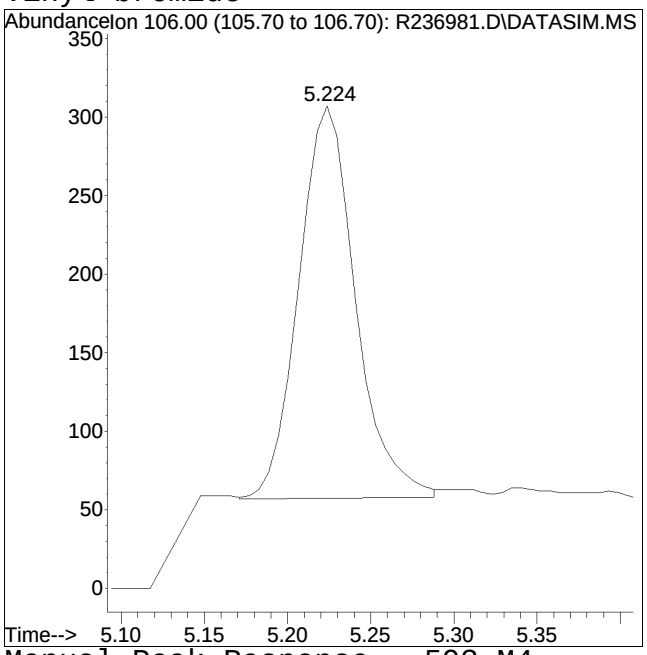
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236981.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 8:44 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.02 Quant Date : 11/22/2025 10:12 am

Compound #11: vinyl bromide



Original Peak Response = 822



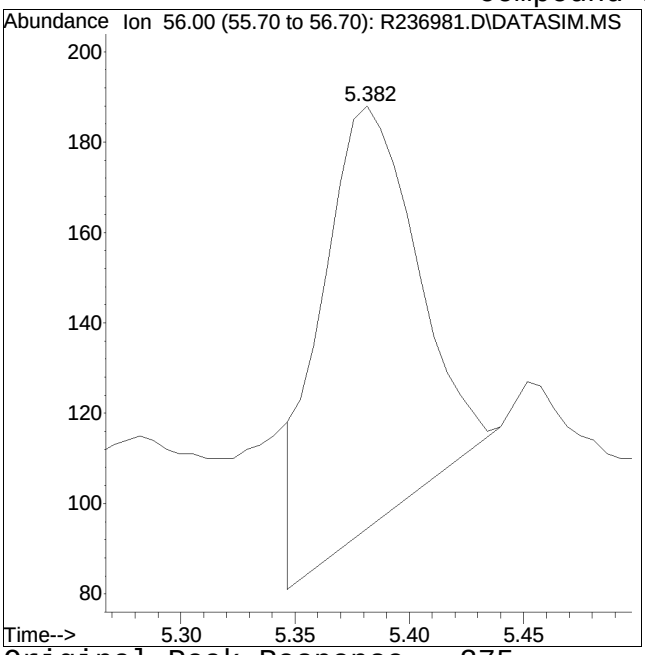
Manual Peak Response = 593 M4

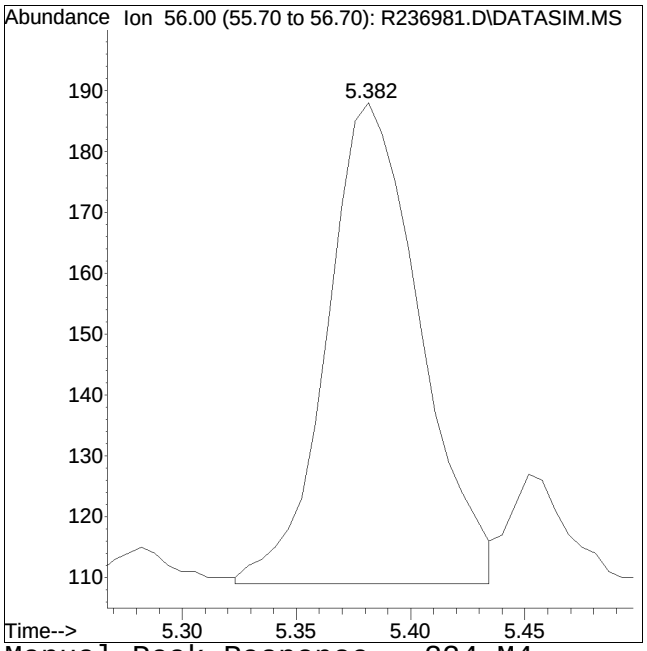
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236981.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 8:44 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.02 Quant Date : 11/22/2025 10:12 am

Compound #12: acrolein



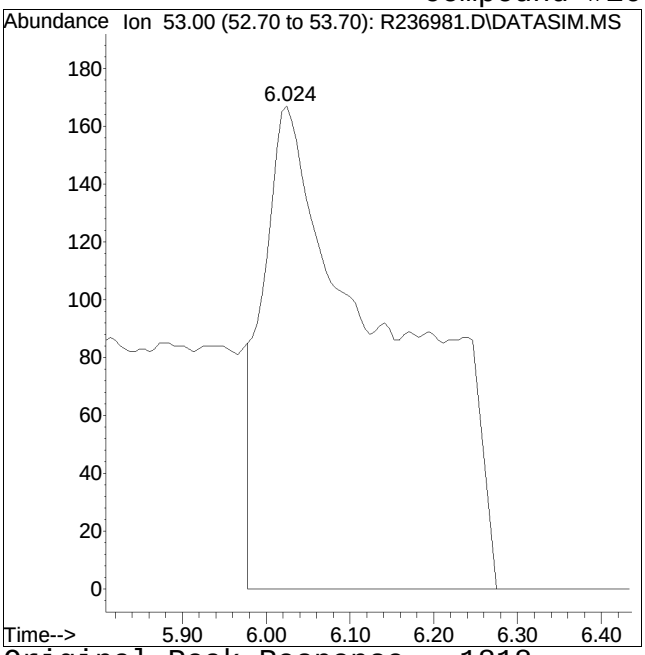


Original Peak Response = 275 Manual Peak Response = 224 M4
M4 = Poor automated baseline construction.

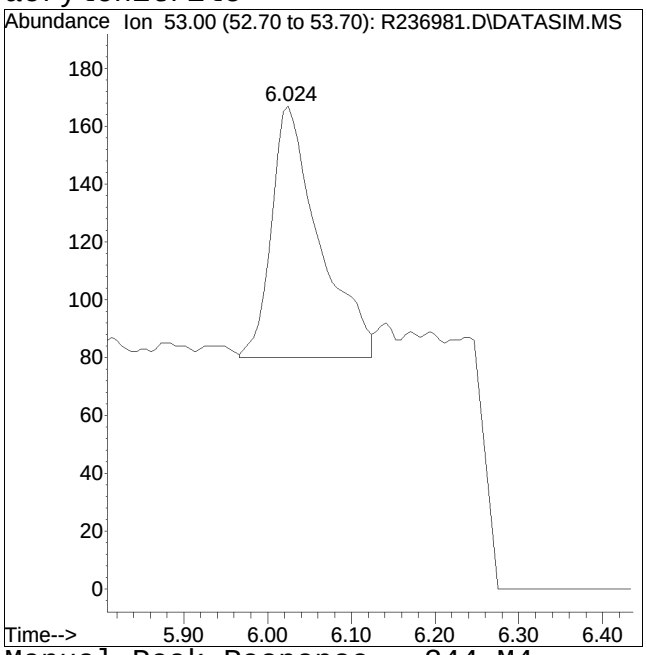
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236981.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 8:44 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.02 Quant Date : 11/22/2025 10:12 am

Compound #16: acrylonitrile



Original Peak Response = 1818



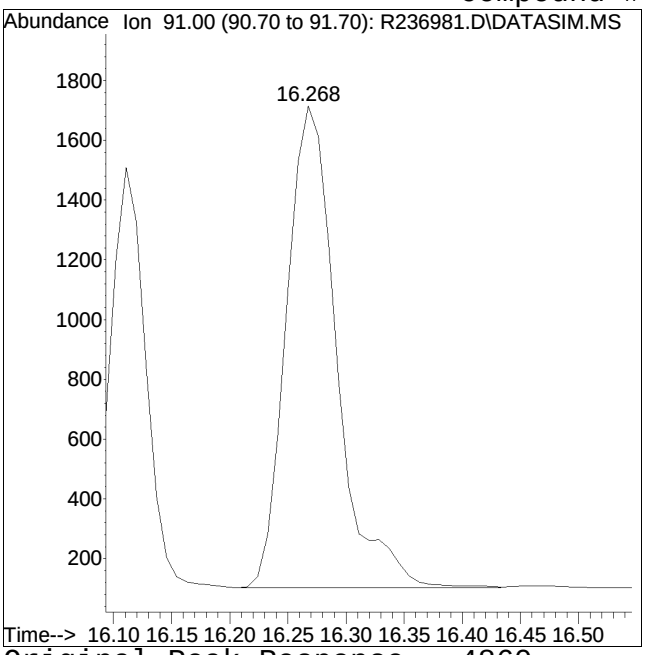
Manual Peak Response = 344 M4

M4 = Poor automated baseline construction.

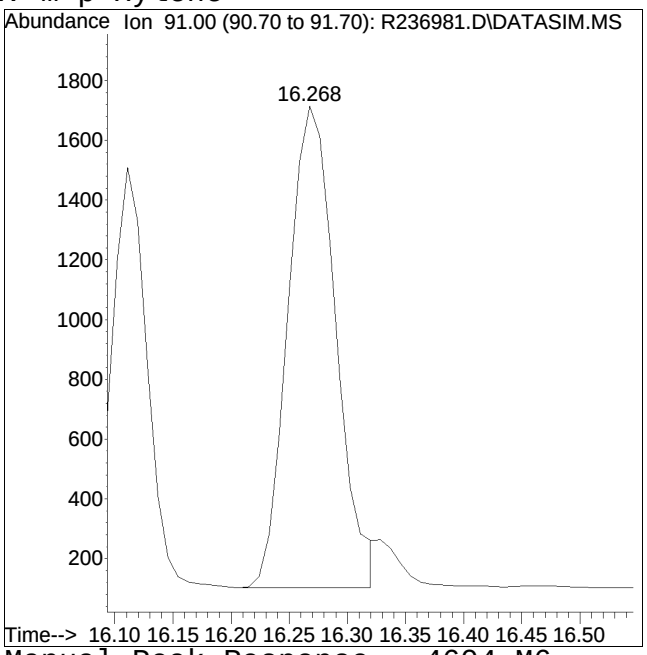
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236981.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 8:44 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.02 Quant Date : 11/22/2025 10:12 am

Compound #61: m+p-xylene



Original Peak Response = 4860



Manual Peak Response = 4604 M6

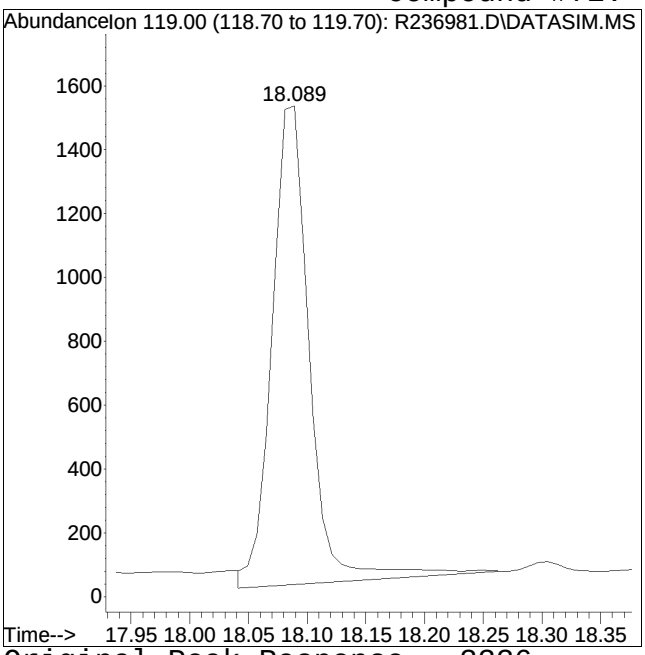
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

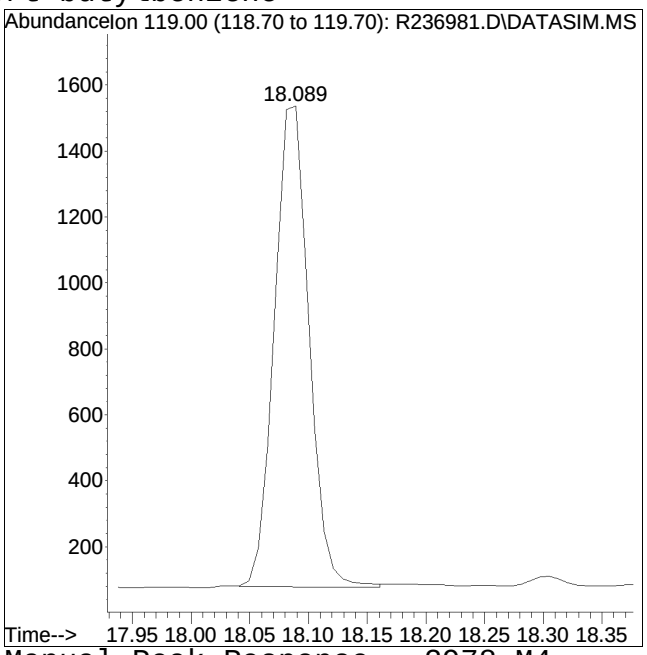
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236981.D
Date Inj'd : 11/21/2025 8:44 pm
Sample : ITO15-SIMSTD0.02

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:12 am

Compound #72: tert-butylbenzene



Original Peak Response = 3336



Manual Peak Response = 2978 M4

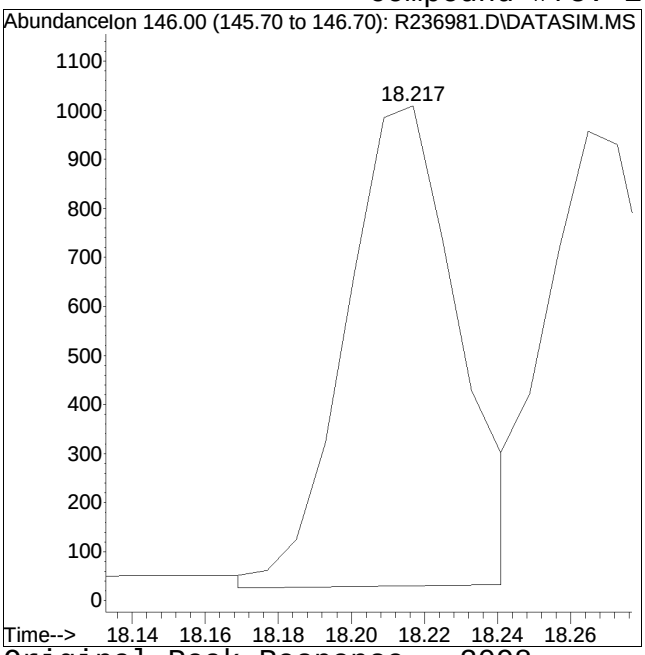
M4 = Poor automated baseline construction.

Manual Integration Report

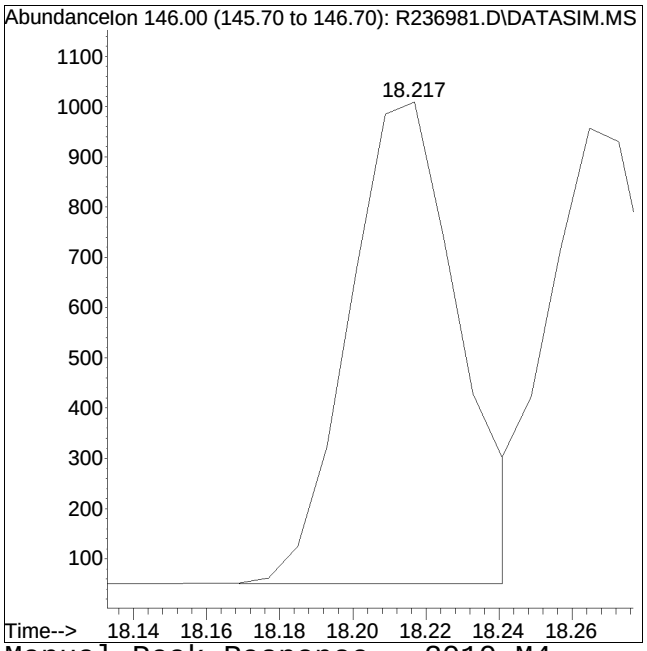
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236981.D
Date Inj'd : 11/21/2025 8:44 pm
Sample : ITO15-SIMSTD0.02

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:12 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 2098



Manual Peak Response = 2010 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236982.D
Acq On : 21 Nov 2025 09:20 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.05
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:56 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	297696	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 122.03%			
33) 1,4-difluorobenzene	11.050	114	1292129	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 123.02%			
51) chlorobenzene-D5	15.728	54	160842	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 114.66%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	0.000	65	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
53) toluene-D8	13.865	98	143	0.001	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.01%#			
67) bromofluorobenzene	17.051	95	620	0.011	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.11%#			
Target Compounds						Qvalue
2) propylene	3.794	41	830M6	0.078	ppbV	
3) dichlorodifluoromethane	3.865	85	4142	0.051	ppbV	98
4) chloromethane	4.034	50	1257	0.059	ppbV	89
5) Freon-114	4.134	85	4936	0.051	ppbV	99
6) vinyl chloride	4.257	62	1527	0.054	ppbV #	85
7) 1,3-butadiene	4.391	54	980	0.061	ppbV #	63
8) bromomethane	4.672	94	1773	0.050	ppbV	96
9) chloroethane	4.848	64	919	0.056	ppbV #	84
10) ethanol	5.018	31	3194M4	0.292	ppbV	
11) vinyl bromide	5.224	106	1377M4	0.050	ppbV	
12) acrolein	5.376	56	468M4	0.052	ppbV	
13) acetone	5.528	43	9256	0.362	ppbV #	99
14) trichlorofluoromethane	5.668	101	4360	0.052	ppbV	97
15) isopropyl alcohol	5.808	45	6436	0.243	ppbV #	93
16) acrylonitrile	6.018	53	761M4	0.050	ppbV	
17) 1,1-dichloroethene	6.356	61	2391M4	0.048	ppbV	
18) tertiary butyl alcohol	6.479	59	2985	0.073	ppbV	97
19) methylene chloride	6.496	49	1987	0.082	ppbV	100
20) 3-chloropropene	6.625	41	881	0.051	ppbV	95
21) carbon disulfide	6.804	76	3625	0.057	ppbV #	1
22) Freon 113	6.798	101	3473	0.052	ppbV	98
23) trans-1,2-dichloroethene	7.533	61	1667	0.054	ppbV	94
24) 1,1-dichloroethane	7.749	63	2305	0.050	ppbV	92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236982.D
Acq On : 21 Nov 2025 09:20 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.05
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:56 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.874	73	3460	0.056	ppbV	#	83
26) vinyl acetate	7.961	43	2687	0.085	ppbV		97
27) 2-butanone	8.258	43	1930	0.058	ppbV	#	90
28) cis-1,2-dichloroethene	8.685	61	1778	0.049	ppbV		95
29) Ethyl Acetate	9.036	61	647	0.104	ppbV	#	1
30) chloroform	9.011	83	3448	0.052	ppbV	#	96
31) Tetrahydrofuran	9.541	42	952	0.063	ppbV		93
32) 1,2-dichloroethane	9.843	62	2005	0.051	ppbV	#	86
34) hexane	8.938	57	2410	0.088	ppbV	#	13
36) 1,1,1-trichloroethane	10.120	97	3675	0.043	ppbV	#	94
37) benzene	10.635	78	4530	0.051	ppbV	#	92
38) carbon tetrachloride	10.804	117	4151	0.050	ppbV		98
39) cyclohexane	10.946	56	1618	0.058	ppbV	#	86
40) Dibromomethane	11.540	93	2329	0.054	ppbV	#	99
41) 1,2-dichloropropane	11.568	63	1430	0.050	ppbV	#	91
42) bromodichloromethane	11.794	83	3198	0.050	ppbV	#	95
43) 1,4-dioxane	11.917	88	966	0.051	ppbV	#	73
44) trichloroethene	11.841	130	2613	0.049	ppbV		98
45) 2,2,4-trimethylpentane	11.898	57	4825	0.057	ppbV	#	88
46) heptane	12.199	43	1422	0.054	ppbV		99
47) cis-1,3-dichloropropene	12.848	75	2136	0.044	ppbV	#	84
48) 4-methyl-2-pentanone	12.956	43	2054	0.049	ppbV		96
49) trans-1,3-dichloropropene	13.457	75	1622	0.042	ppbV	#	73
50) 1,1,2-trichloroethane	13.657	97	2139	0.047	ppbV		99
52) toluene	13.982	91	6149	0.057	ppbV		99
54) 2-hexanone	14.358	43	1577	0.043	ppbV		88
55) dibromochloromethane	14.433	129	3956	0.056	ppbV		97
56) 1,2-dibromoethane	14.691	107	3365	0.051	ppbV		100
57) tetrachloroethene	15.150	166	3685	0.055	ppbV		96
58) 1,1,1,2-tetrachloroethane	15.763	131	2765	0.049	ppbV		97
59) chlorobenzene	15.772	112	4929	0.052	ppbV		91
60) ethylbenzene	16.111	91	7106	0.050	ppbV		98
61) m+p-xylene	16.268	91	10728M6	0.102	ppbV		
62) bromoform	16.329	173	3563	0.053	ppbV		99
63) styrene	16.581	104	3956	0.047	ppbV		95
64) 1,1,2,2-tetrachloroethane	16.668	83	4044	0.051	ppbV		99
65) o-xylene	16.668	91	5505	0.052	ppbV		99
66) 1,2,3-Trichloropropane	16.773	75	2859	0.053	ppbV		99
68) isopropylbenzene	17.156	105	7913	0.053	ppbV		99
69) Bromobenzene	17.225	77	3425	0.052	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236982.D
Acq On : 21 Nov 2025 09:20 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.05
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:56 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

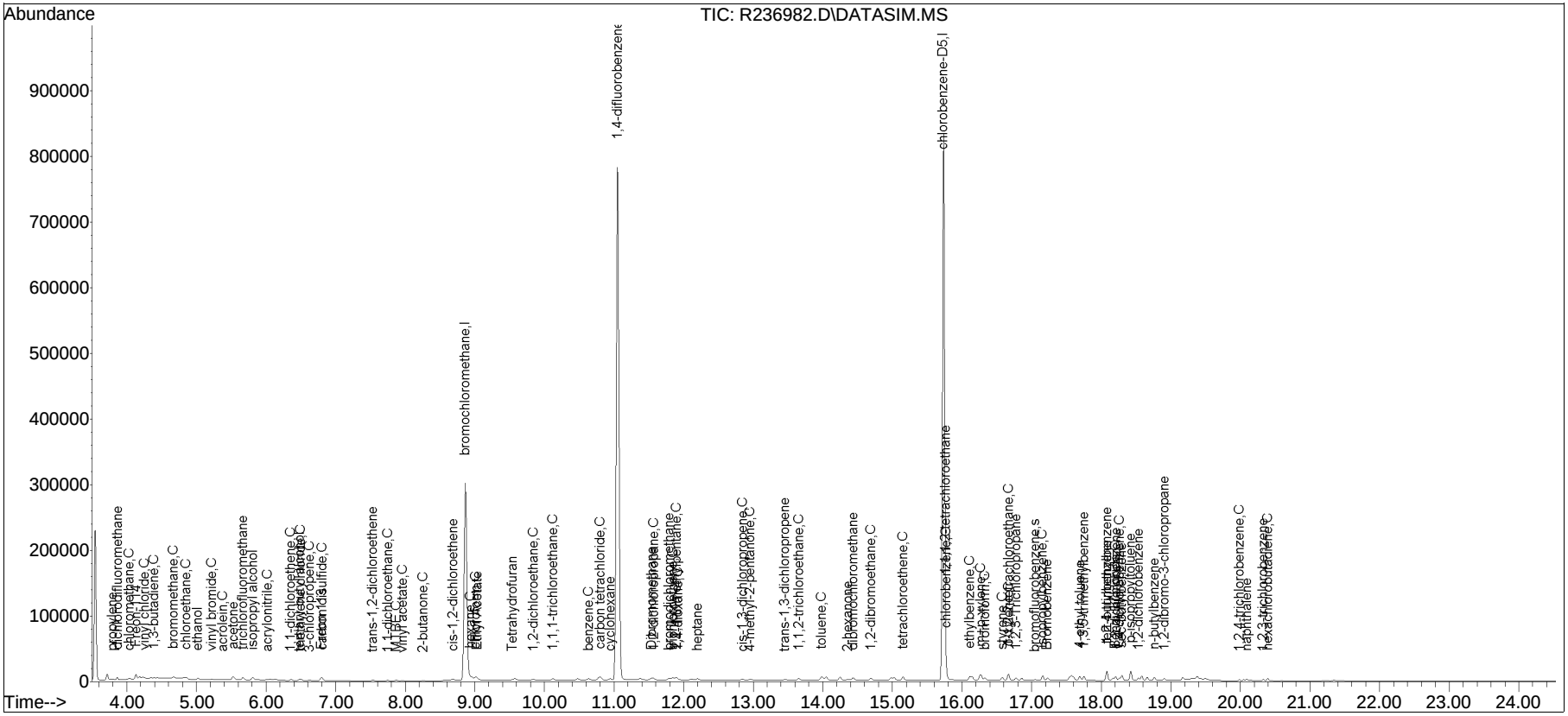
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.695	105	7113	0.054	ppbV #	97
71) 1,3,5-trimethylbenzene	17.748	105	6066	0.051	ppbV #	95
72) tert-butylbenzene	18.081	119	7690	0.054	ppbV	100
73) 1,2,4-trimethylbenzene	18.081	105	6311	0.050	ppbV	95
74) Benzyl Chloride	18.200	91	2848	0.033	ppbV	96
75) 1,3-dichlorobenzene	18.208	146	5169	0.051	ppbV	93
76) 1,4-dichlorobenzene	18.264	146	4811	0.047	ppbV	94
77) sec-butylbenzene	18.296	105	9238	0.051	ppbV	98
78) p-isopropyltoluene	18.424	119	8479	0.049	ppbV	98
79) 1,2-dichlorobenzene	18.536	146	4888	0.050	ppbV	95
80) n-butylbenzene	18.759	91	6500	0.046	ppbV	100
81) 1,2-dibromo-3-chloropr...	18.903	75	1654	0.043	ppbV	95
82) 1,2,4-trichlorobenzene	19.982	180	3391M4	0.036	ppbV	
83) naphthalene	20.094	128	6460	0.032	ppbV #	95
84) 1,2,3-trichlorobenzene	20.327	180	3656	0.039	ppbV	95
85) hexachlorobutadiene	20.392	225	3672	0.047	ppbV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236982.D
Acq On : 21 Nov 2025 09:20 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.05
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:12:56 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

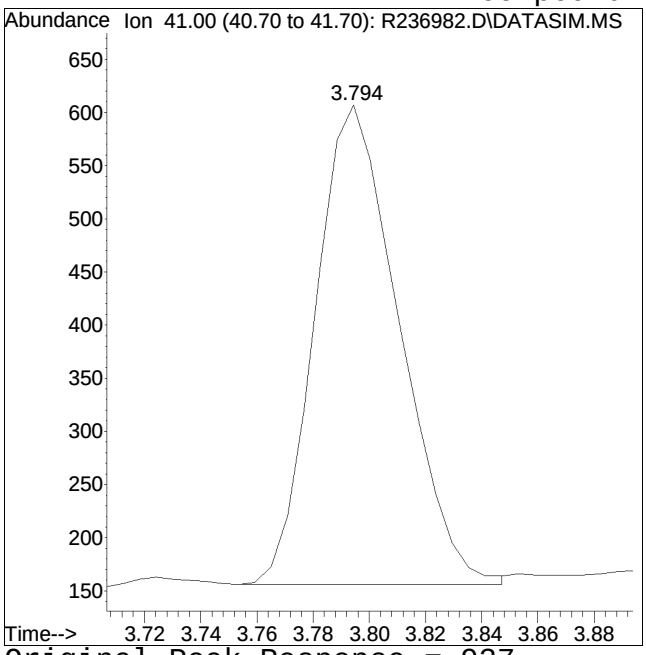


Manual Integration Report

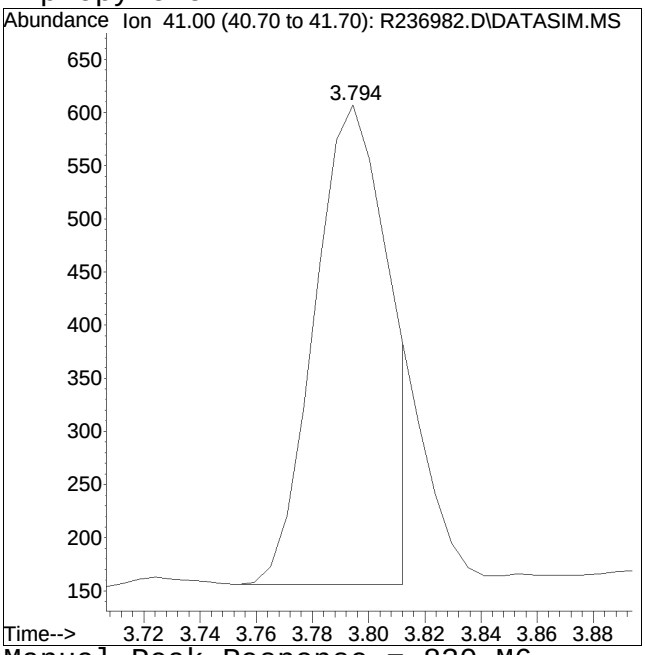
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236982.D
Date Inj'd : 11/21/2025 9:20 pm
Sample : ITO15-SIMSTD0.05

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:12 am

Compound #2: propylene



Original Peak Response = 937



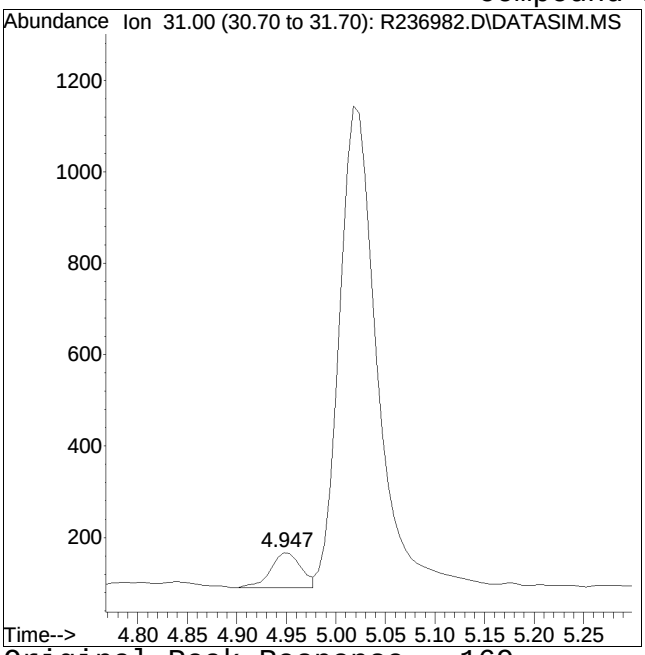
Manual Peak Response = 830 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

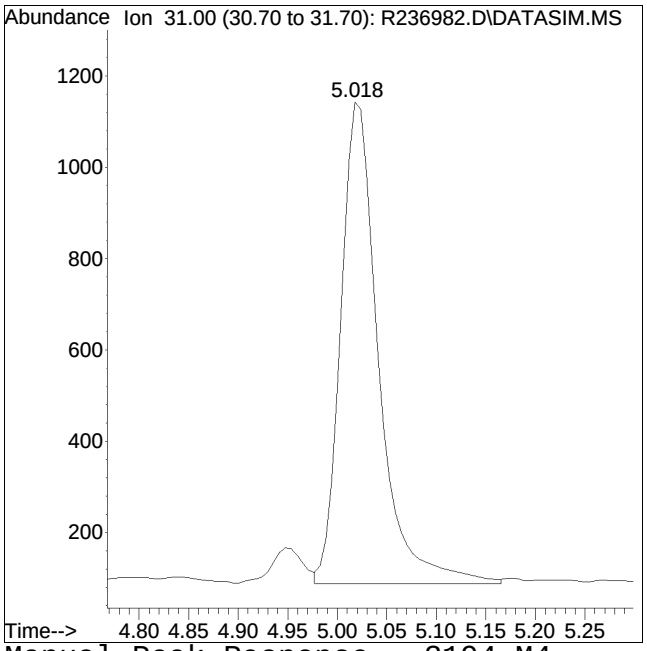
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236982.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:20 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.05 Quant Date : 11/22/2025 10:12 am

Compound #10: ethanol



Original Peak Response = 169



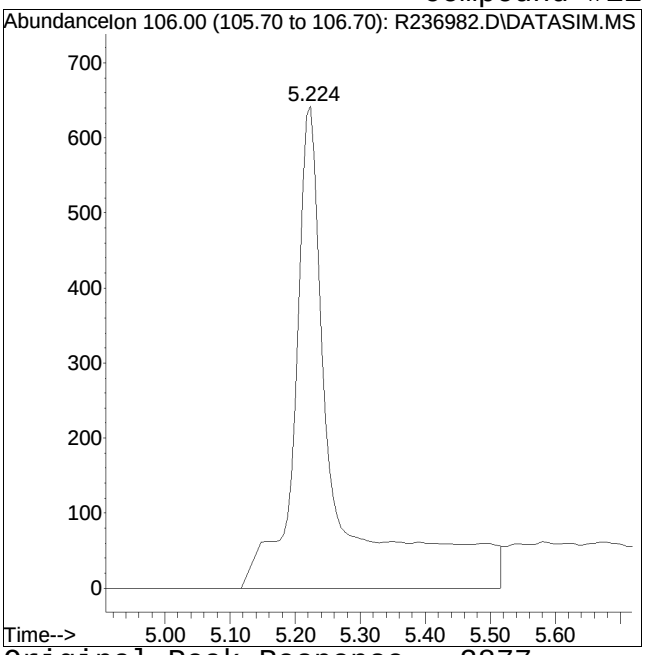
Manual Peak Response = 3194 M4

M4 = Poor automated baseline construction.

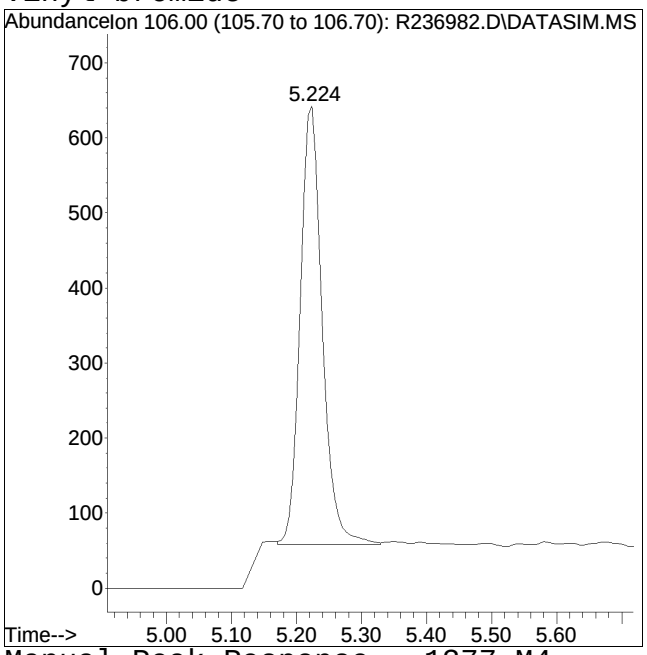
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236982.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:20 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.05 Quant Date : 11/22/2025 10:12 am

Compound #11: vinyl bromide



Original Peak Response = 2877



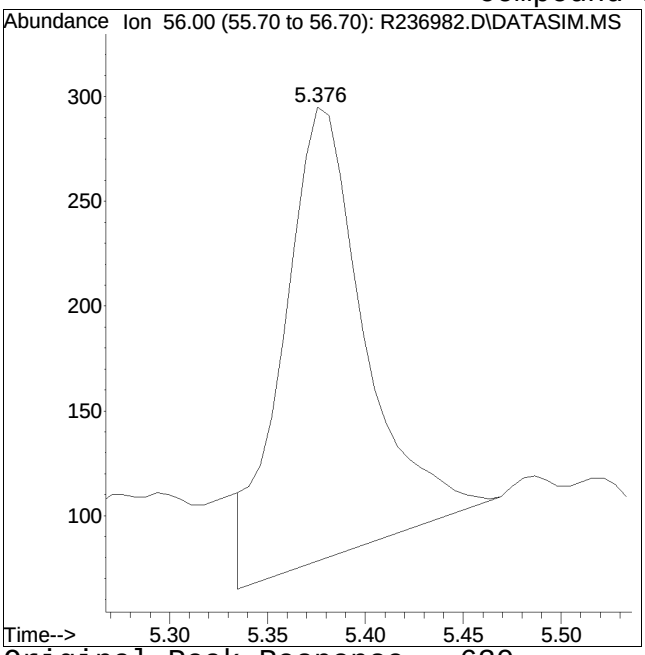
Manual Peak Response = 1377 M4

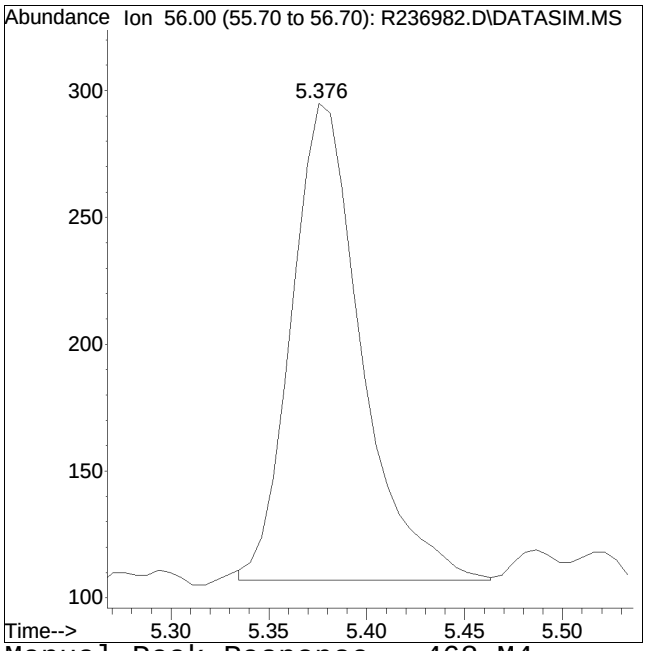
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236982.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:20 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.05 Quant Date : 11/22/2025 10:12 am

Compound #12: acrolein



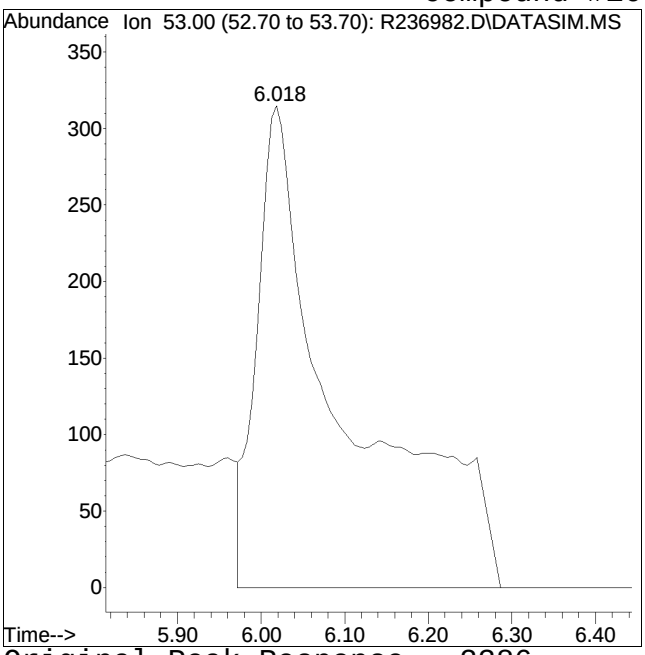


Original Peak Response = 630 Manual Peak Response = 468 M4
M4 = Poor automated baseline construction.

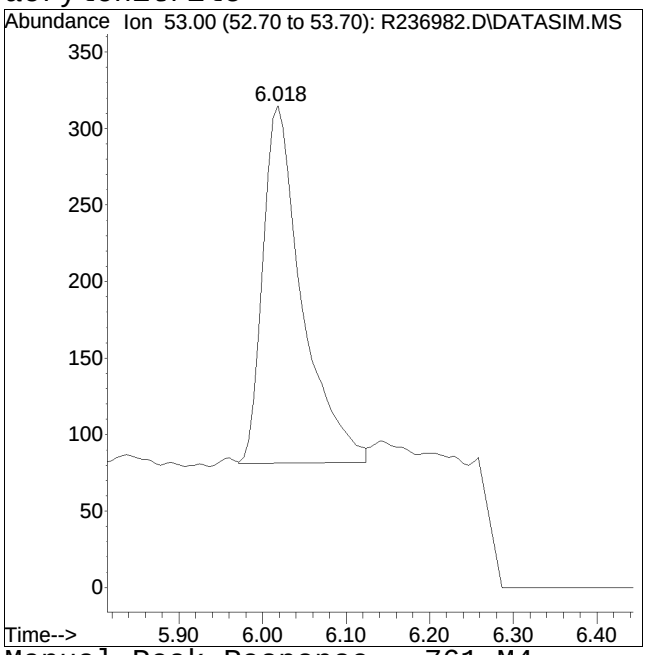
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236982.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:20 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.05 Quant Date : 11/22/2025 10:12 am

Compound #16: acrylonitrile



Original Peak Response = 2386



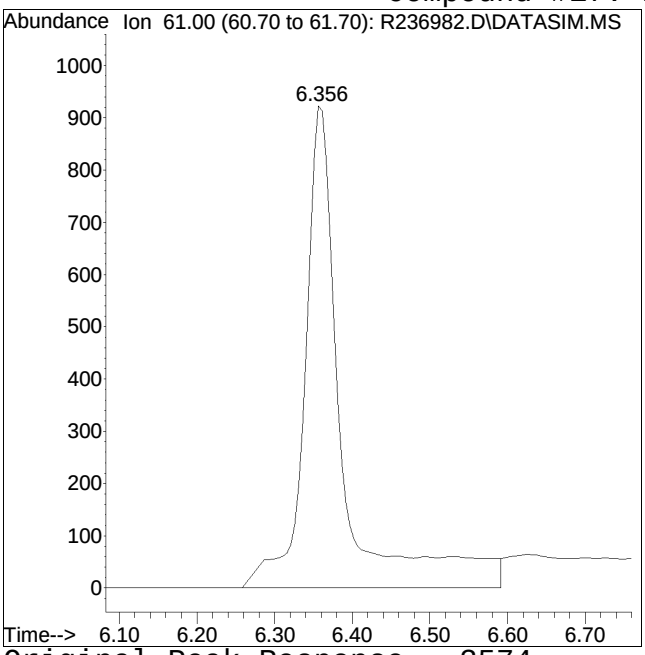
Manual Peak Response = 761 M4

M4 = Poor automated baseline construction.

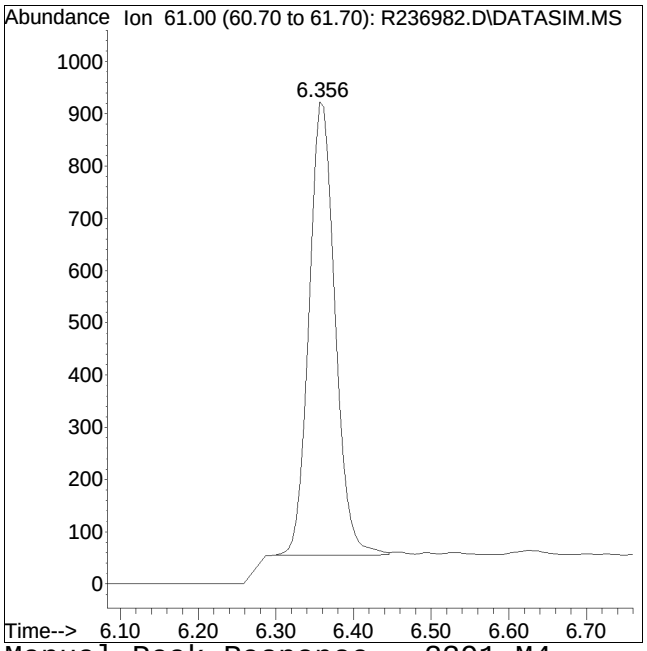
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236982.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:20 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.05 Quant Date : 11/22/2025 10:12 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 3574



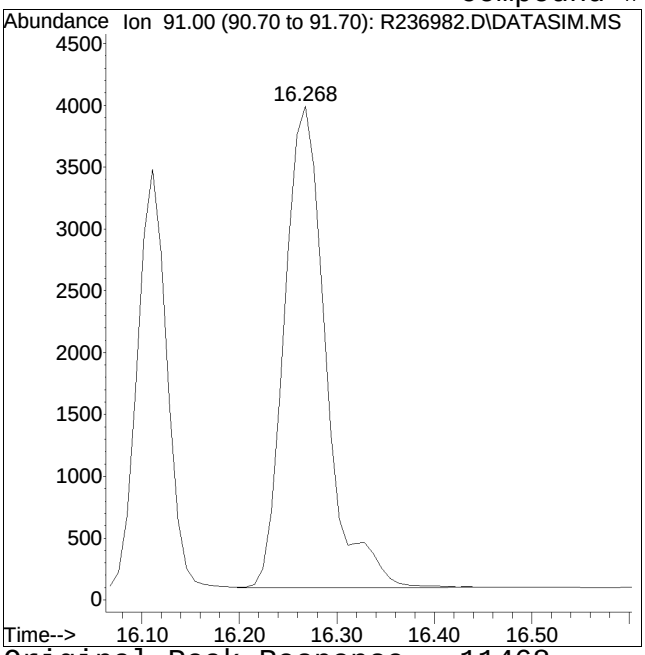
Manual Peak Response = 2391 M4

M4 = Poor automated baseline construction.

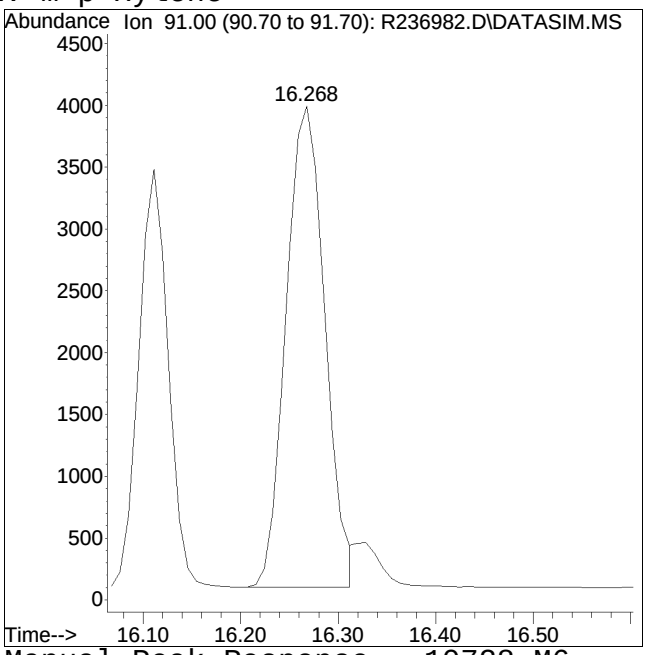
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236982.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:20 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.05 Quant Date : 11/22/2025 10:12 am

Compound #61: m+p-xylene



Original Peak Response = 11468



Manual Peak Response = 10728 M6

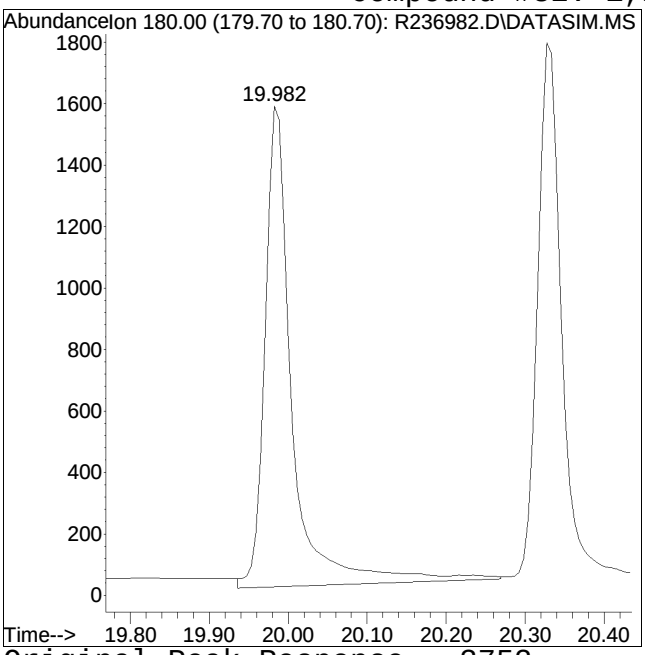
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

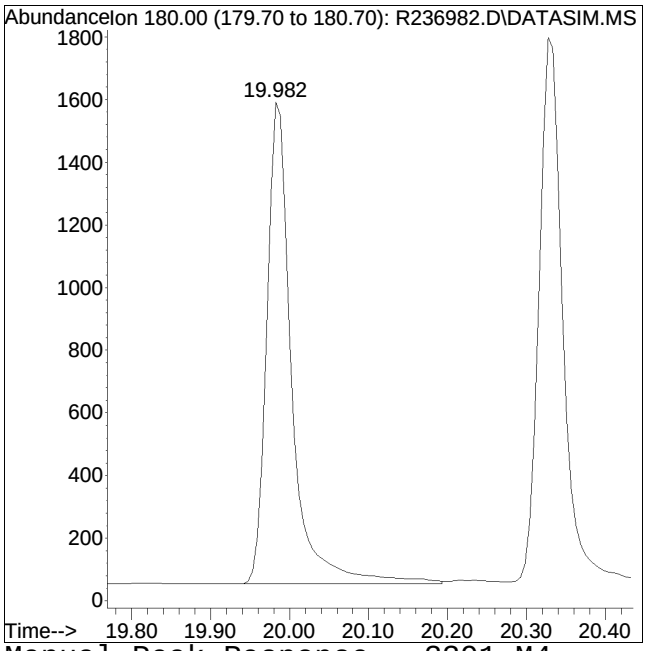
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236982.D
Date Inj'd : 11/21/2025 9:20 pm
Sample : ITO15-SIMSTD0.05

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:12 am

Compound #82: 1,2,4-trichlorobenzene



Original Peak Response = 3752



Manual Peak Response = 3391 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236983.D
Acq On : 21 Nov 2025 09:58 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.1
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:13:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.862	49	284178	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 116.49%			
33) 1,4-difluorobenzene	11.055	114	1231123	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 117.21%			
51) chlorobenzene-D5	15.734	54	156631	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 111.66%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	0.000	65	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
53) toluene-D8	0.000	98	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
67) bromofluorobenzene	17.048	95	619	0.011	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.11%#			
Target Compounds						Qvalue
2) propylene	3.789	41	1375M6	0.135	ppbV	
3) dichlorodifluoromethane	3.859	85	8039	0.103	ppbV	99
4) chloromethane	4.034	50	2324	0.115	ppbV	90
5) Freon-114	4.128	85	9836	0.107	ppbV	98
6) vinyl chloride	4.251	62	2932	0.108	ppbV	93
7) 1,3-butadiene	4.391	54	1788	0.116	ppbV #	79
8) bromomethane	4.667	94	3482	0.103	ppbV	100
9) chloroethane	4.848	64	1724	0.110	ppbV	91
10) ethanol	5.012	31	5791	0.555	ppbV	97
11) vinyl bromide	5.218	106	2618M4	0.099	ppbV	
12) acrolein	5.370	56	921M4	0.106	ppbV	
13) acetone	5.516	43	16841	0.690	ppbV #	99
14) trichlorofluoromethane	5.668	101	8371	0.104	ppbV	98
15) isopropyl alcohol	5.790	45	11934	0.472	ppbV #	96
16) acrylonitrile	6.007	53	1569M4	0.109	ppbV	
17) 1,1-dichloroethene	6.356	61	4503M4	0.096	ppbV	
18) tertiary butyl alcohol	6.462	59	5324	0.137	ppbV #	80
19) methylene chloride	6.496	49	3144M4	0.136	ppbV	
20) 3-chloropropene	6.625	41	1768	0.106	ppbV	97
21) carbon disulfide	6.804	76	7000	0.115	ppbV #	51
22) Freon 113	6.793	101	6714	0.106	ppbV	98
23) trans-1,2-dichloroethene	7.533	61	3246	0.109	ppbV	95
24) 1,1-dichloroethane	7.750	63	4473	0.101	ppbV	93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236983.D
Acq On : 21 Nov 2025 09:58 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.1
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:13:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) MTBE	7.858	73	6623	0.112	ppbV #	89
26) vinyl acetate	7.950	43	5125	0.170	ppbV	100
27) 2-butanone	8.237	43	3531	0.110	ppbV #	96
28) cis-1,2-dichloroethene	8.683	61	3380	0.098	ppbV	98
29) Ethyl Acetate	8.984	61	525	0.088	ppbV #	31
30) chloroform	9.009	83	6783	0.108	ppbV	98
31) Tetrahydrofuran	9.522	42	1773	0.123	ppbV	96
32) 1,2-dichloroethane	9.840	62	3899	0.104	ppbV #	93
34) hexane	8.936	57	4569	0.174	ppbV #	20
36) 1,1,1-trichloroethane	10.125	97	7035	0.087	ppbV	98
37) benzene	10.631	78	8542	0.101	ppbV	96
38) carbon tetrachloride	10.810	117	7850	0.100	ppbV	99
39) cyclohexane	10.942	56	3017	0.113	ppbV	90
40) Dibromomethane	11.536	93	4197	0.102	ppbV #	99
41) 1,2-dichloropropane	11.564	63	2658	0.098	ppbV #	93
42) bromodichloromethane	11.790	83	6243	0.102	ppbV	99
43) 1,4-dioxane	11.903	88	1746	0.097	ppbV #	62
44) trichloroethene	11.847	130	5061	0.100	ppbV	99
45) 2,2,4-trimethylpentane	11.894	57	9293	0.115	ppbV	94
46) heptane	12.196	43	2766	0.111	ppbV	98
47) cis-1,3-dichloropropene	12.845	75	4250	0.091	ppbV	94
48) 4-methyl-2-pentanone	12.937	43	4037	0.100	ppbV	98
49) trans-1,3-dichloropropene	13.454	75	3257	0.088	ppbV #	89
50) 1,1,2-trichloroethane	13.654	97	4153	0.096	ppbV	99
52) toluene	13.979	91	11545	0.110	ppbV	100
54) 2-hexanone	14.330	43	3203	0.090	ppbV	90
55) dibromochloromethane	14.430	129	7637	0.110	ppbV	99
56) 1,2-dibromoethane	14.689	107	6546	0.101	ppbV	99
57) tetrachloroethene	15.147	166	7079	0.108	ppbV	98
58) 1,1,1,2-tetrachloroethane	15.760	131	5415	0.098	ppbV	97
59) chlorobenzene	15.778	112	9433	0.103	ppbV	98
60) ethylbenzene	16.108	91	13616	0.099	ppbV	100
61) m+p-xylene	16.265	91	20734M6	0.202	ppbV	
62) bromoform	16.335	173	6745	0.103	ppbV	98
63) styrene	16.578	104	7643	0.094	ppbV	97
64) 1,1,2,2-tetrachloroethane	16.665	83	7755	0.100	ppbV	98
65) o-xylene	16.665	91	10582	0.103	ppbV	98
66) 1,2,3-Trichloropropane	16.779	75	5579	0.105	ppbV	98
68) isopropylbenzene	17.162	105	15114	0.103	ppbV	98
69) Bromobenzene	17.231	77	6759	0.105	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236983.D
Acq On : 21 Nov 2025 09:58 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.1
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 10:13:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

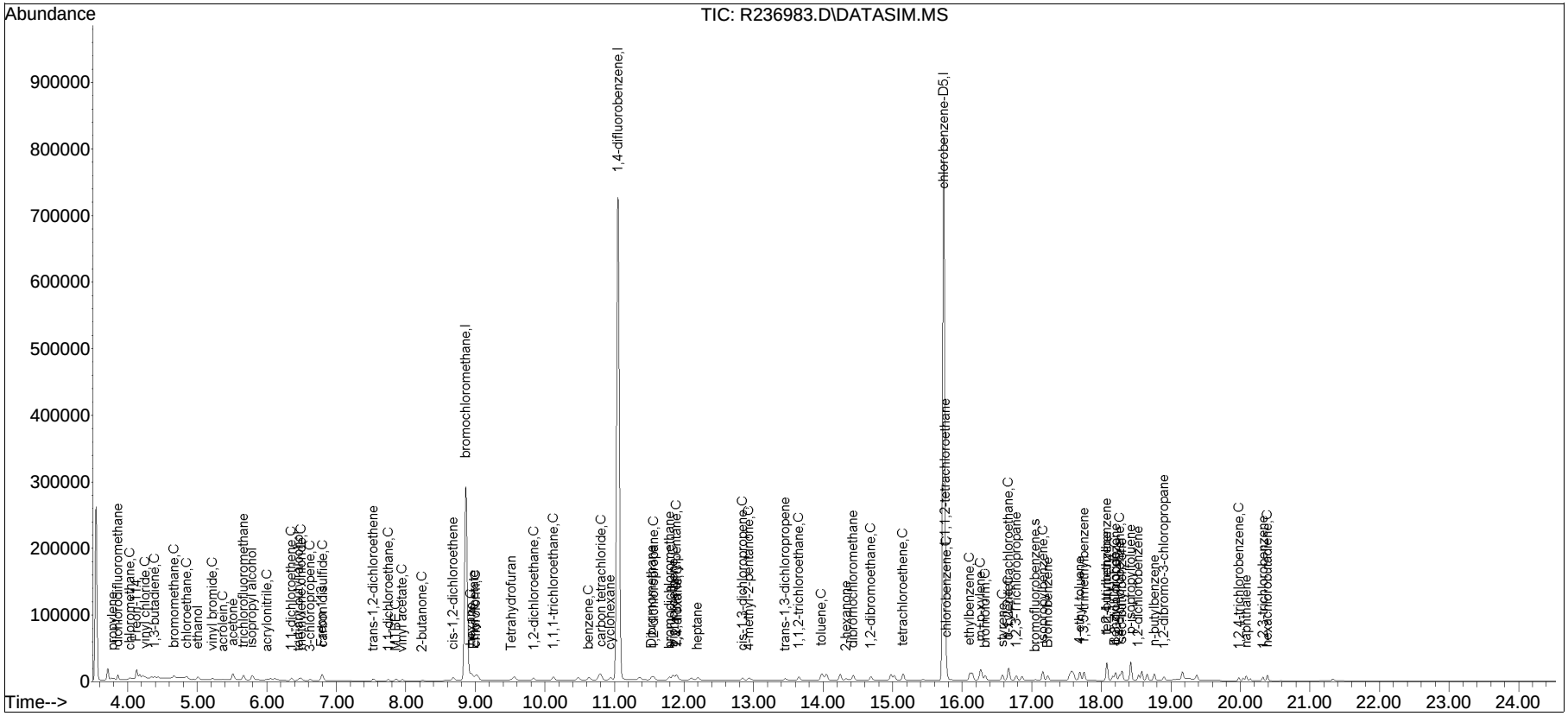
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.693	105	13585	0.106	ppbV	97
71) 1,3,5-trimethylbenzene	17.754	105	11838	0.103	ppbV	98
72) tert-butylbenzene	18.079	119	14353	0.104	ppbV	100
73) 1,2,4-trimethylbenzene	18.079	105	12162	0.098	ppbV	94
74) Benzyl Chloride	18.198	91	5744	0.068	ppbV	98
75) 1,3-dichlorobenzene	18.206	146	9967	0.100	ppbV	94
76) 1,4-dichlorobenzene	18.262	146	9474	0.096	ppbV	95
77) sec-butylbenzene	18.294	105	18168	0.104	ppbV	95
78) p-isopropyltoluene	18.422	119	16531	0.098	ppbV	97
79) 1,2-dichlorobenzene	18.534	146	9595	0.100	ppbV	95
80) n-butylbenzene	18.765	91	12783	0.093	ppbV	96
81) 1,2-dibromo-3-chloropr...	18.901	75	3321	0.088	ppbV	95
82) 1,2,4-trichlorobenzene	19.981	180	7361	0.081	ppbV	99
83) naphthalene	20.086	128	13781	0.071	ppbV	98
84) 1,2,3-trichlorobenzene	20.325	180	7595	0.084	ppbV	99
85) hexachlorobutadiene	20.390	225	7415	0.098	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236983.D
Acq On : 21 Nov 2025 09:58 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.1
Misc : WG2145606
ALS Vial : 5 Sample Multiplier: 1

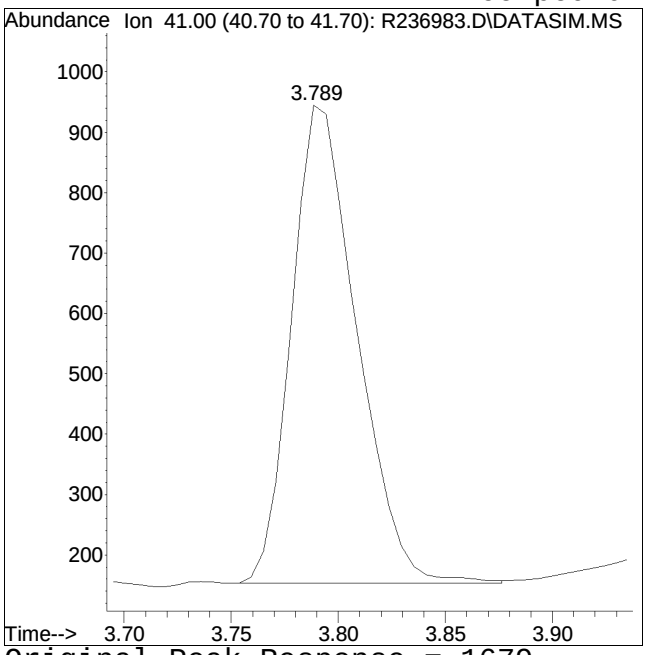
Quant Time: Nov 22 10:13:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration



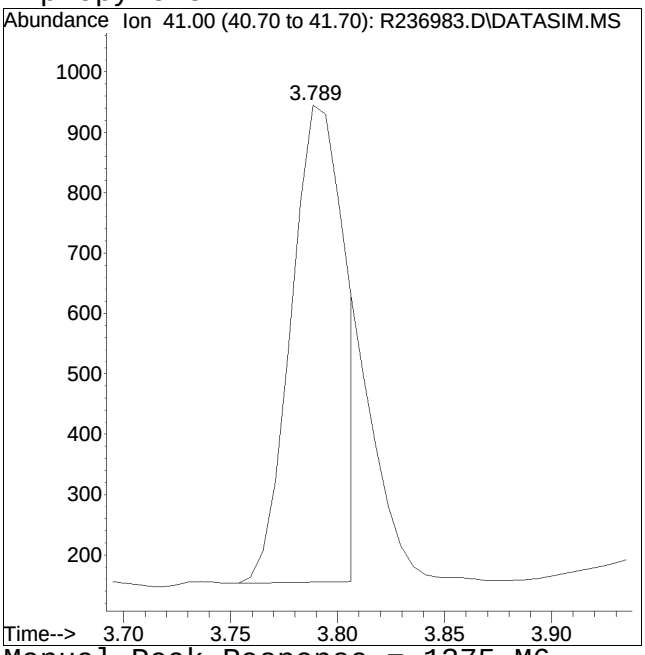
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236983.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:58 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.1 Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 1679



Manual Peak Response = 1375 M6

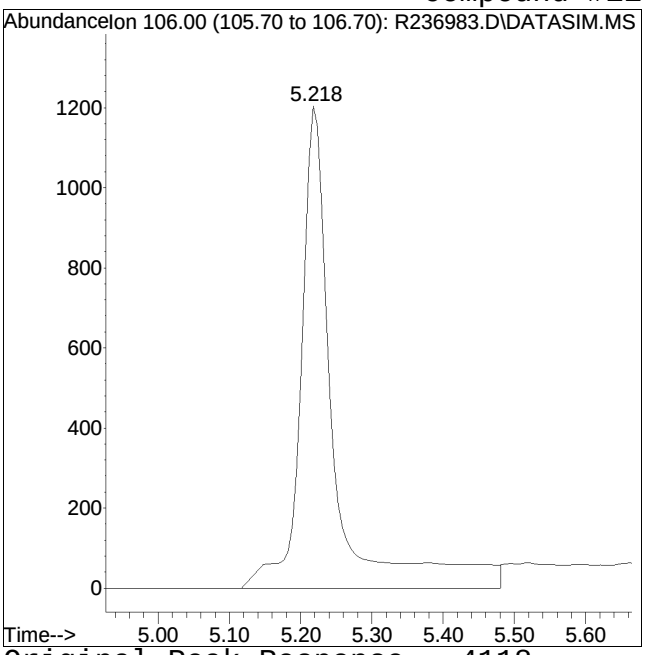
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

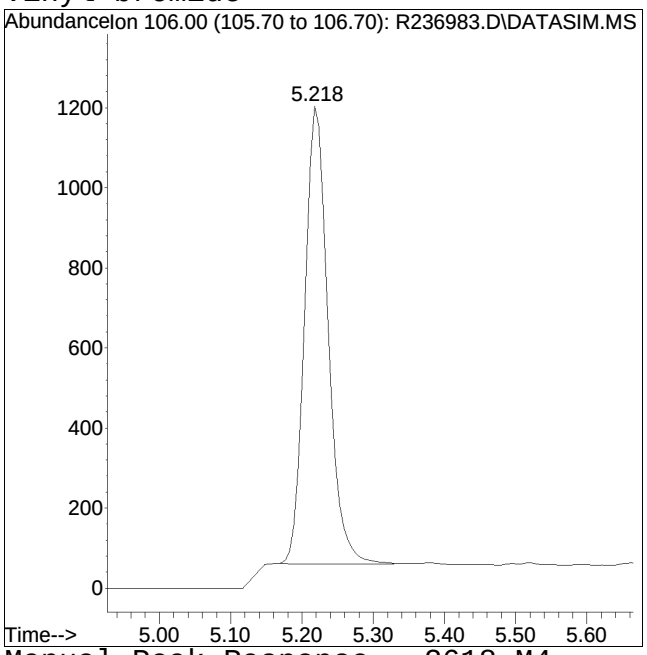
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236983.D
Date Inj'd : 11/21/2025 9:58 pm
Sample : ITO15-SIMSTD0.1

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:13 am

Compound #11: vinyl bromide



Original Peak Response = 4118



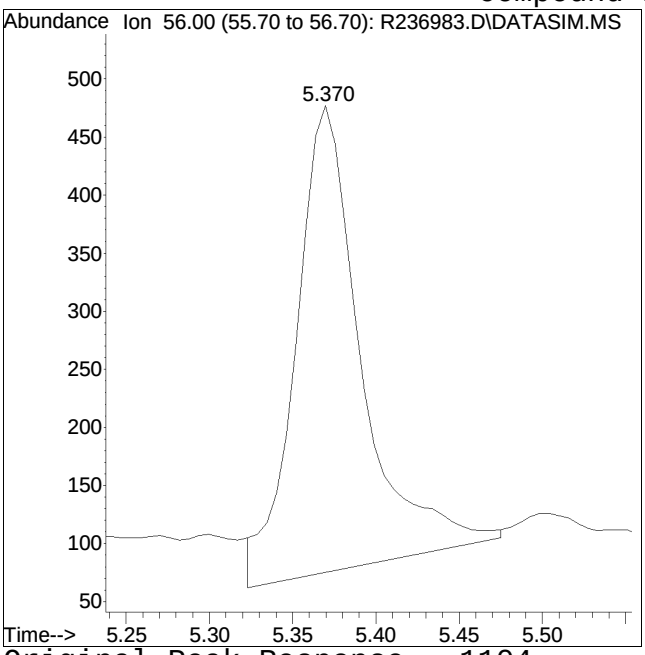
Manual Peak Response = 2618 M4

M4 = Poor automated baseline construction.

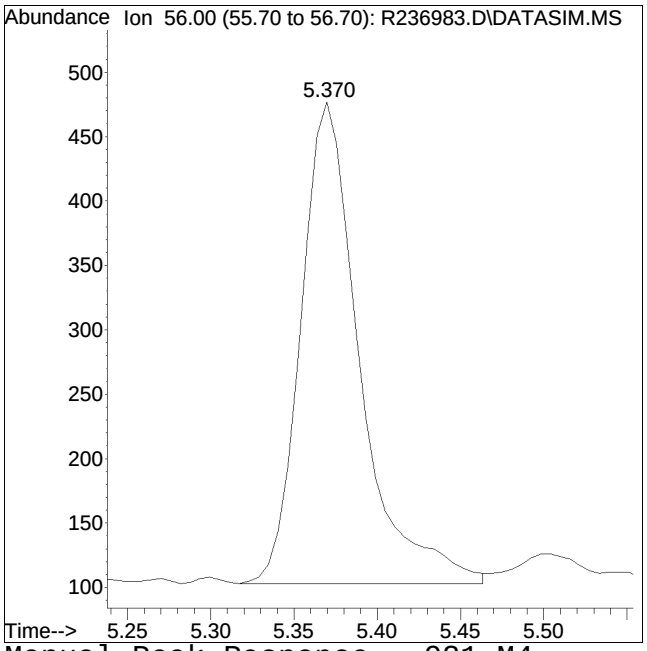
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236983.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:58 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.1 Quant Date : 11/22/2025 10:13 am

Compound #12: acrolein



Original Peak Response = 1104



Manual Peak Response = 921 M4

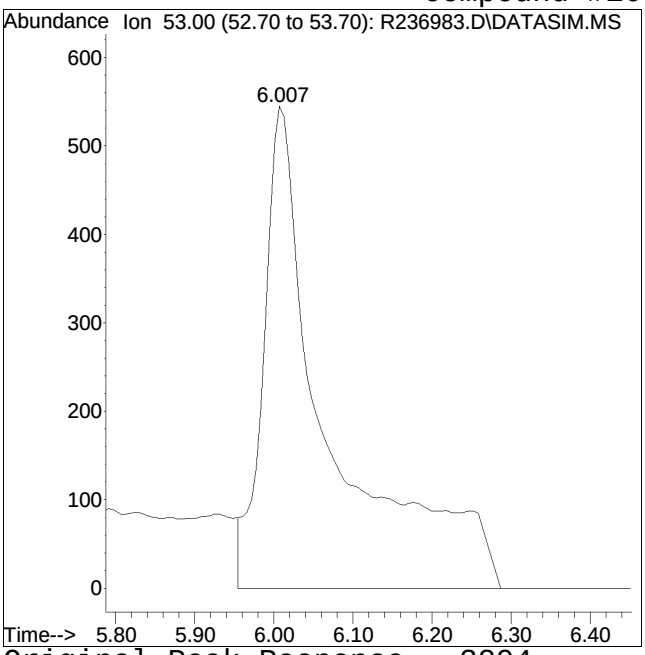
M4 = Poor automated baseline construction.

Manual Integration Report

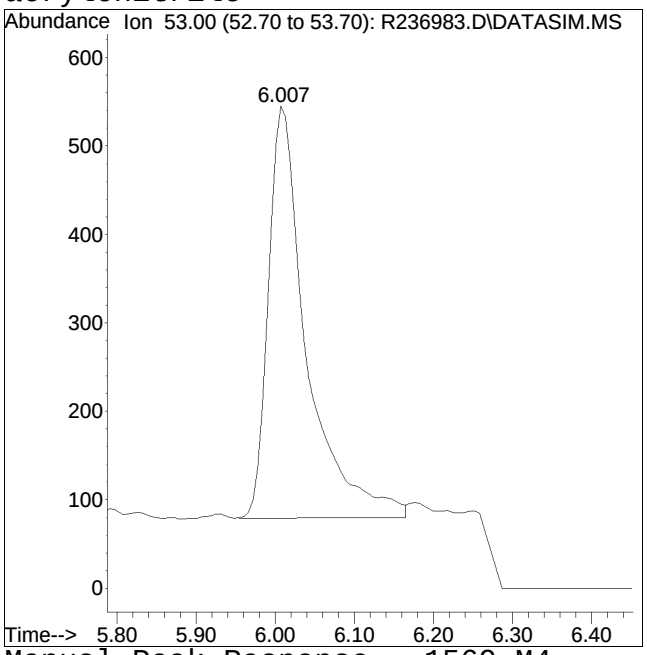
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236983.D
Date Inj'd : 11/21/2025 9:58 pm
Sample : ITO15-SIMSTD0.1

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:13 am

Compound #16: acrylonitrile



Original Peak Response = 3294



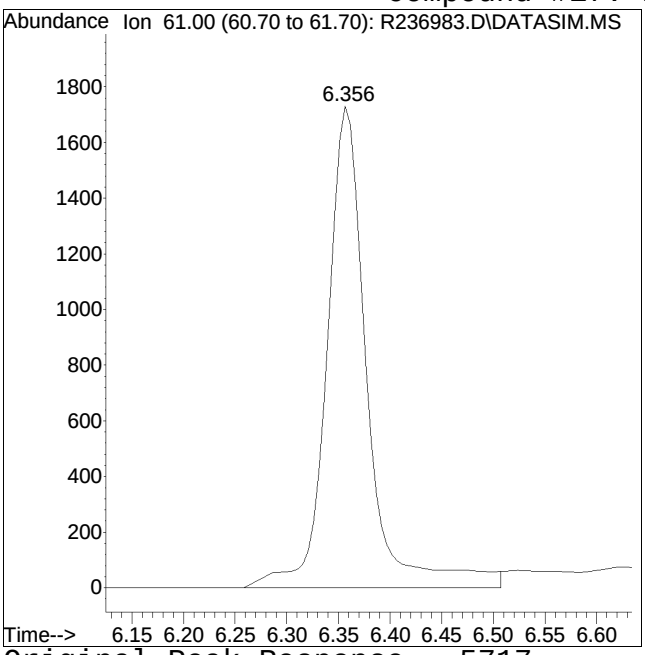
Manual Peak Response = 1569 M4

M4 = Poor automated baseline construction.

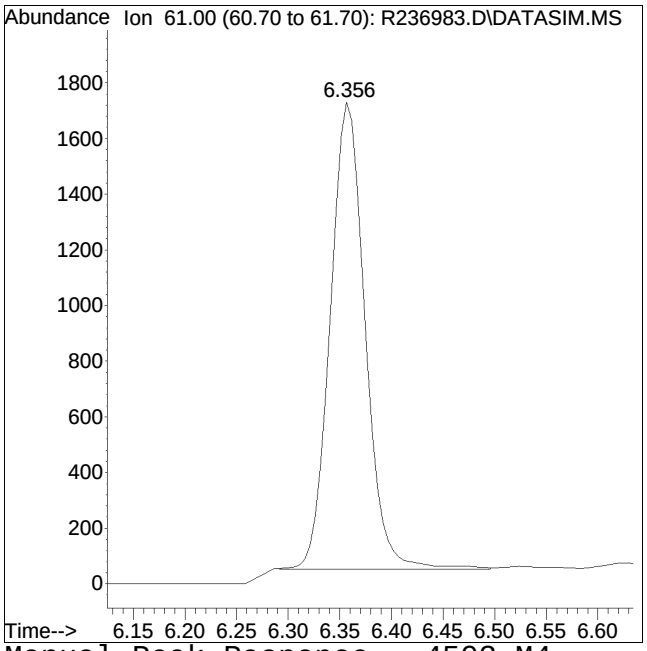
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236983.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:58 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.1 Quant Date : 11/22/2025 10:13 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 5717



Manual Peak Response = 4503 M4

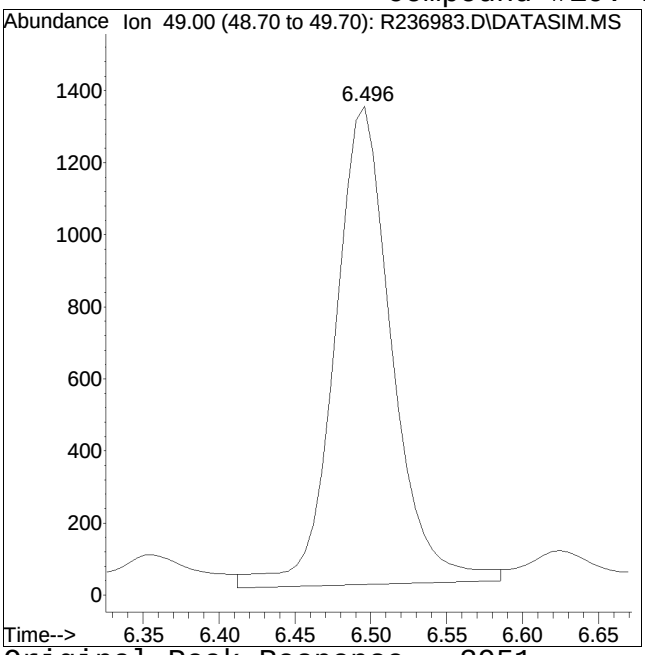
M4 = Poor automated baseline construction.

Manual Integration Report

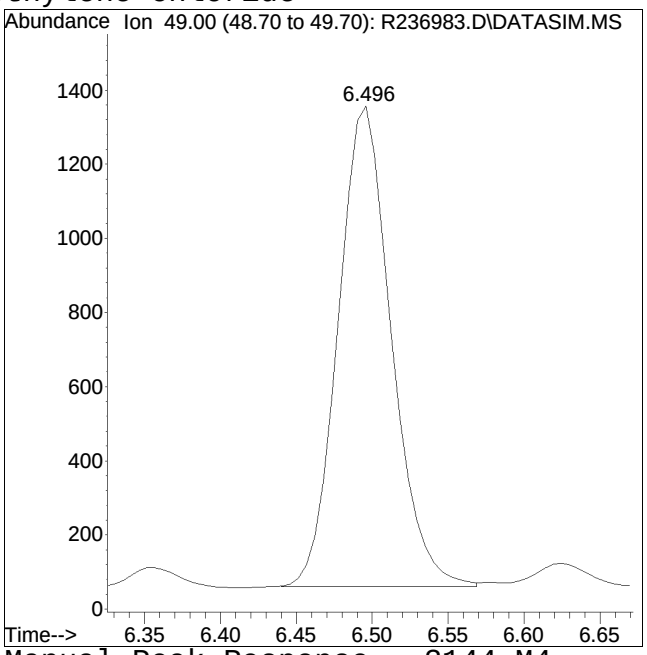
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236983.D
Date Inj'd : 11/21/2025 9:58 pm
Sample : ITO15-SIMSTD0.1

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:13 am

Compound #19: methylene chloride



Original Peak Response = 3951



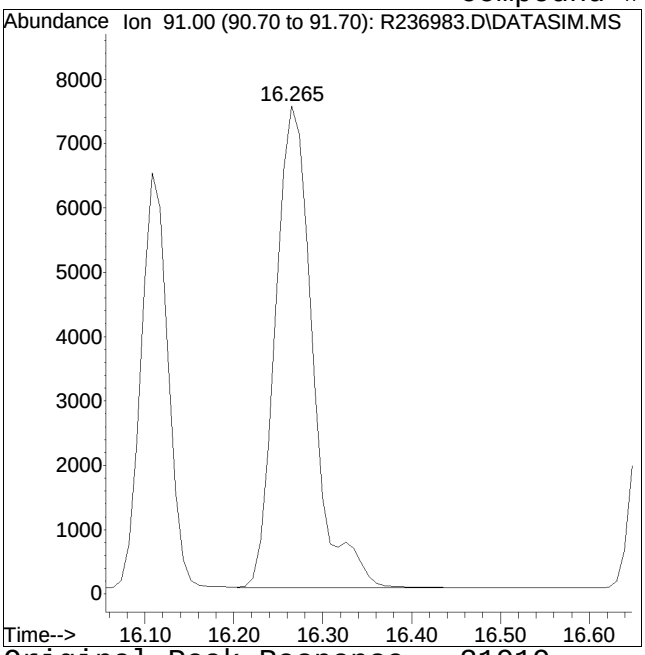
Manual Peak Response = 3144 M4

M4 = Poor automated baseline construction.

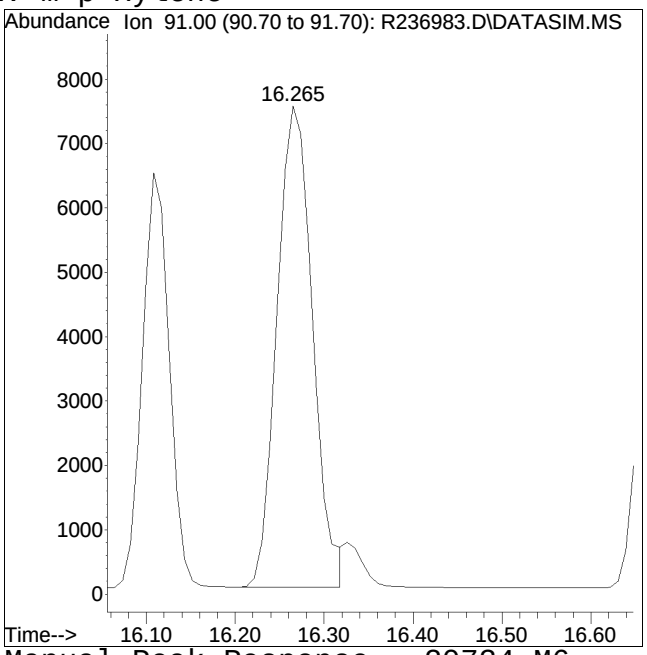
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236983.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 9:58 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.1 Quant Date : 11/22/2025 10:13 am

Compound #61: m+p-xylene



Original Peak Response = 21919



Manual Peak Response = 20734 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.857	49	282424	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 115.77%			
33) 1,4-difluorobenzene	11.049	114	1185990	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 112.91%			
51) chlorobenzene-D5	15.728	54	149734	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 106.75%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.712	65	323083	10.163	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.63%			
53) toluene-D8	13.857	98	924302	10.180	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.80%			
67) bromofluorobenzene	17.042	95	525469	9.629	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.29%			
Target Compounds						Qvalue
2) propylene	3.789	41	2775M6	0.274	ppbV	
3) dichlorodifluoromethane	3.859	85	17683	0.229	ppbV	100
4) chloromethane	4.029	50	5034	0.250	ppbV	97
5) Freon-114	4.128	85	21691	0.237	ppbV	100
6) vinyl chloride	4.251	62	6570	0.243	ppbV	97
7) 1,3-butadiene	4.386	54	3944	0.257	ppbV	88
8) bromomethane	4.667	94	7622	0.227	ppbV	99
9) chloroethane	4.842	64	3743	0.240	ppbV	96
10) ethanol	5.000	31	11727	1.131	ppbV	98
11) vinyl bromide	5.218	106	5772M4	0.219	ppbV	
12) acrolein	5.358	56	1948M4	0.227	ppbV	
13) acetone	5.499	43	31618	1.304	ppbV #	98
14) trichlorofluoromethane	5.662	101	18265	0.228	ppbV	99
15) isopropyl alcohol	5.779	45	15895	0.632	ppbV #	97
16) acrylonitrile	5.995	53	3249M4	0.226	ppbV	
17) 1,1-dichloroethene	6.355	61	9930M4	0.212	ppbV	
18) tertiary butyl alcohol	6.445	59	10463M4	0.271	ppbV	
19) methylene chloride	6.490	49	5879M4	0.255	ppbV	
20) 3-chloropropene	6.625	41	3933	0.238	ppbV	98
21) carbon disulfide	6.798	76	15133	0.250	ppbV #	77
22) Freon 113	6.793	101	14851	0.235	ppbV	100
23) trans-1,2-dichloroethene	7.533	61	7087	0.240	ppbV	98
24) 1,1-dichloroethane	7.749	63	9809	0.223	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.841	73	14281	0.243	ppbV		95
26) vinyl acetate	7.944	43	8637	0.289	ppbV		98
27) 2-butanone	8.221	43	7515	0.237	ppbV	#	98
28) cis-1,2-dichloroethene	8.677	61	7408	0.217	ppbV		97
29) Ethyl Acetate	8.979	61	1261	0.213	ppbV	#	27
30) chloroform	9.011	83	14005	0.224	ppbV		99
31) Tetrahydrofuran	9.500	42	3936	0.275	ppbV		97
32) 1,2-dichloroethane	9.835	62	8033	0.216	ppbV		97
34) hexane	8.930	57	6394	0.253	ppbV	#	44
36) 1,1,1-trichloroethane	10.120	97	15181	0.196	ppbV		99
37) benzene	10.635	78	18256	0.224	ppbV		98
38) carbon tetrachloride	10.804	117	17048	0.225	ppbV		100
39) cyclohexane	10.946	56	6490	0.251	ppbV		97
40) Dibromomethane	11.530	93	8812	0.223	ppbV	#	99
41) 1,2-dichloropropane	11.568	63	5777	0.221	ppbV		97
42) bromodichloromethane	11.785	83	13696	0.232	ppbV		98
43) 1,4-dioxane	11.879	88	4040	0.234	ppbV	#	66
44) trichloroethene	11.841	130	10824	0.222	ppbV		99
45) 2,2,4-trimethylpentane	11.888	57	20088	0.259	ppbV		98
46) heptane	12.199	43	5826	0.242	ppbV		98
47) cis-1,3-dichloropropene	12.839	75	9214	0.206	ppbV		97
48) 4-methyl-2-pentanone	12.914	43	8625	0.222	ppbV		99
49) trans-1,3-dichloropropene	13.457	75	7149	0.201	ppbV		96
50) 1,1,2-trichloroethane	13.657	97	8929	0.215	ppbV		99
52) toluene	13.974	91	23389	0.233	ppbV		100
54) 2-hexanone	14.307	43	7063	0.207	ppbV		91
55) dibromochloromethane	14.433	129	16027	0.242	ppbV		100
56) 1,2-dibromoethane	14.691	107	13907	0.226	ppbV		100
57) tetrachloroethene	15.150	166	14812	0.235	ppbV		98
58) 1,1,1,2-tetrachloroethane	15.763	131	11568	0.220	ppbV		98
59) chlorobenzene	15.771	112	20239	0.231	ppbV		99
60) ethylbenzene	16.111	91	29362	0.222	ppbV		99
61) m+p-xylene	16.259	91	44646M6	0.456	ppbV		
62) bromoform	16.329	173	14507	0.233	ppbV		100
63) styrene	16.572	104	16264	0.210	ppbV		98
64) 1,1,2,2-tetrachloroethane	16.659	83	16493	0.222	ppbV		100
65) o-xylene	16.659	91	22517	0.228	ppbV		97
66) 1,2,3-Trichloropropane	16.773	75	11757	0.232	ppbV		98
68) isopropylbenzene	17.156	105	31127	0.222	ppbV		99
69) Bromobenzene	17.225	77	13897	0.225	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

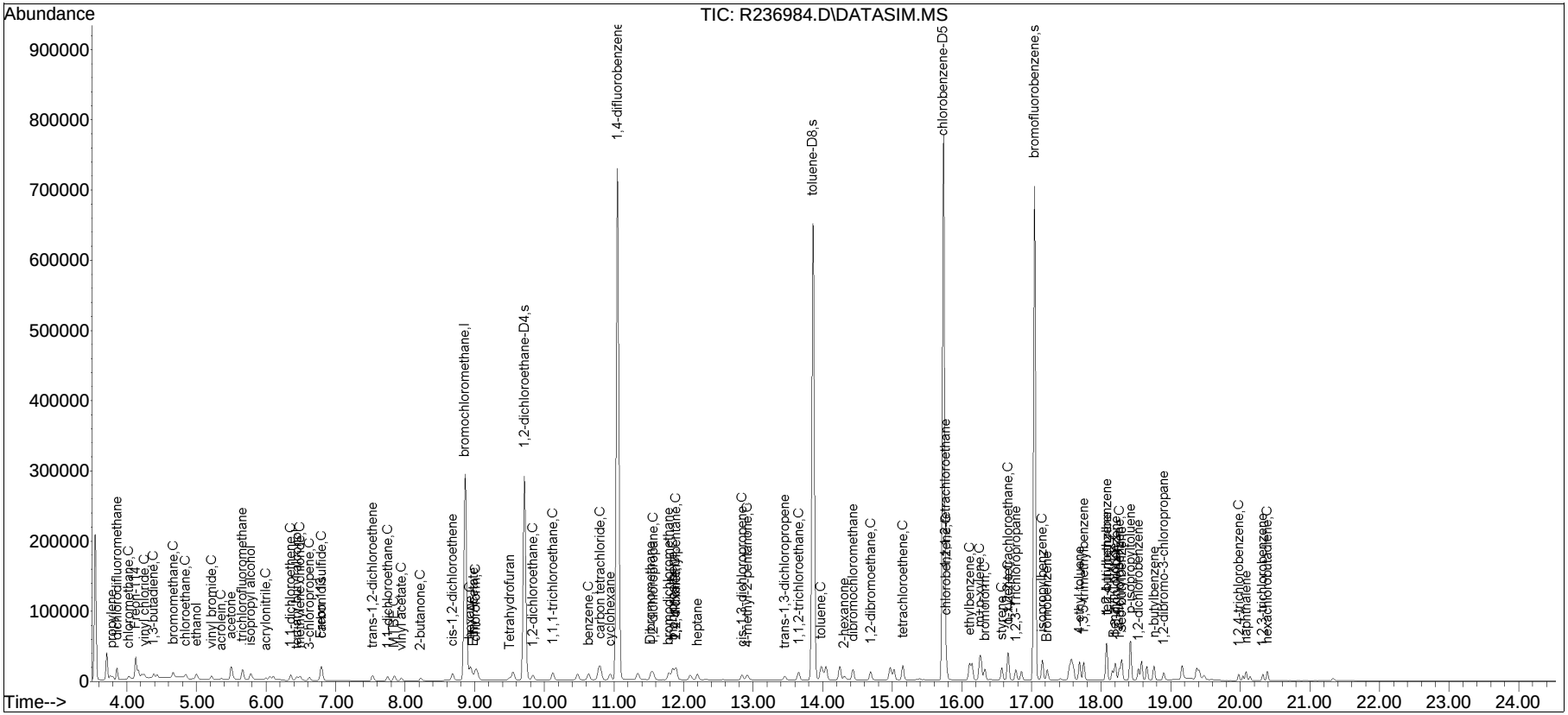
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.687	105	28938	0.236	ppbV	97
71) 1,3,5-trimethylbenzene	17.748	105	23717	0.216	ppbV	96
72) tert-butylbenzene	18.081	119	28701	0.218	ppbV	100
73) 1,2,4-trimethylbenzene	18.081	105	24937	0.211	ppbV	97
74) Benzyl Chloride	18.193	91	12881	0.159	ppbV	99
75) 1,3-dichlorobenzene	18.209	146	20294	0.214	ppbV	99
76) 1,4-dichlorobenzene	18.265	146	19720	0.209	ppbV	99
77) sec-butylbenzene	18.297	105	37383	0.224	ppbV	99
78) p-isopropyltoluene	18.425	119	33972	0.210	ppbV	99
79) 1,2-dichlorobenzene	18.536	146	18973	0.208	ppbV	99
80) n-butylbenzene	18.760	91	26267	0.201	ppbV	98
81) 1,2-dibromo-3-chloropr...	18.896	75	6358	0.176	ppbV	94
82) 1,2,4-trichlorobenzene	19.977	180	11918	0.137	ppbV	99
83) naphthalene	20.083	128	22365	0.121	ppbV	99
84) 1,2,3-trichlorobenzene	20.322	180	11396	0.132	ppbV	99
85) hexachlorobutadiene	20.386	225	11695	0.162	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236984.D
Acq On : 21 Nov 2025 10:35 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.2
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:10 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

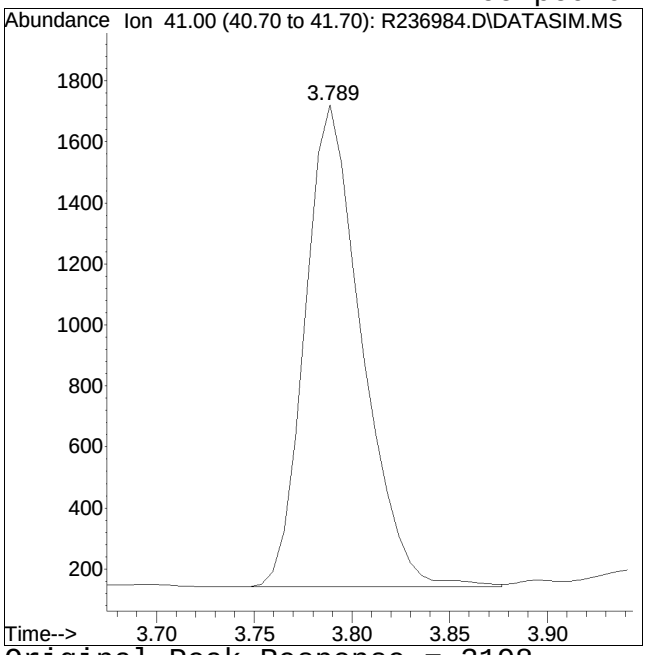


Manual Integration Report

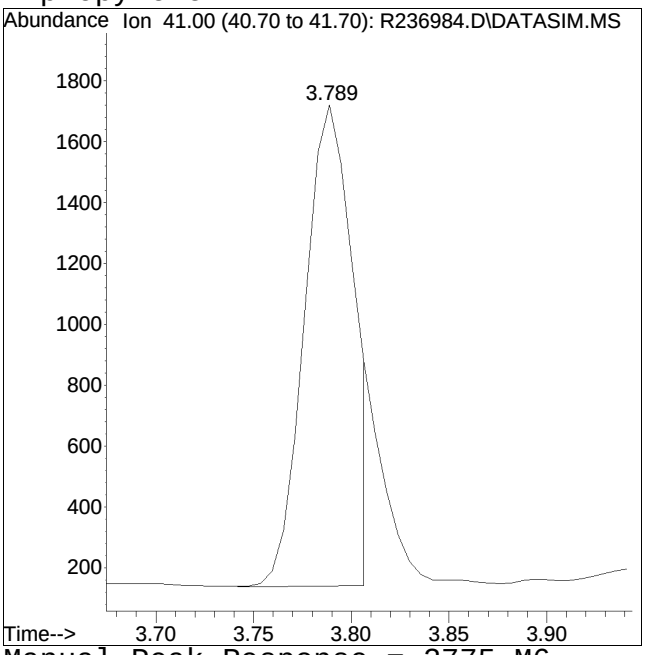
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236984.D
Date Inj'd : 11/21/2025 10:35 pm
Sample : ITO15-SIMSTD0.2

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 3198



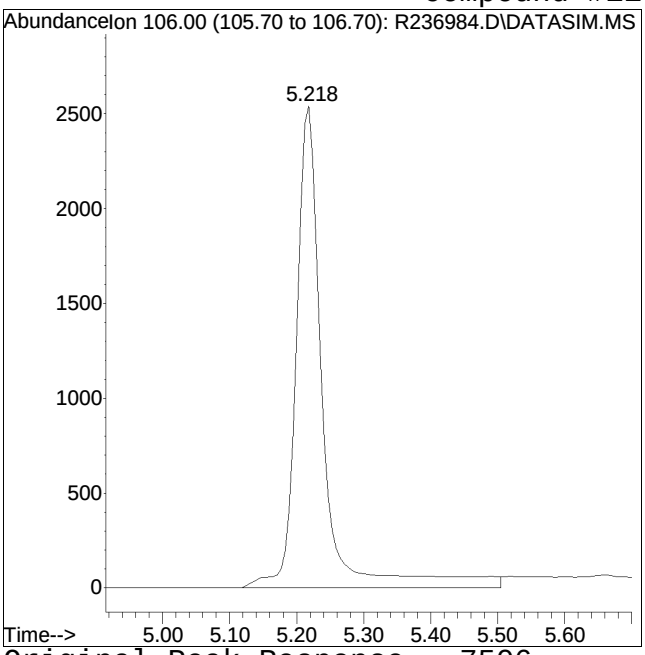
Manual Peak Response = 2775 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

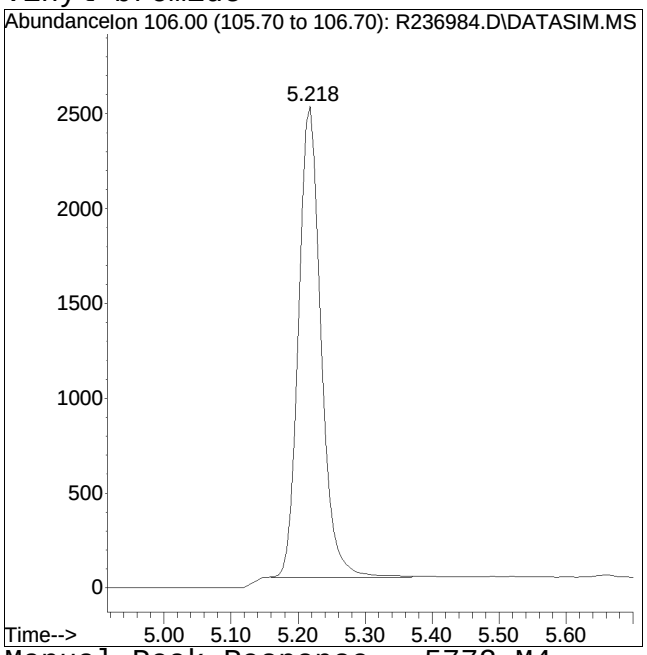
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #11: vinyl bromide



Original Peak Response = 7506



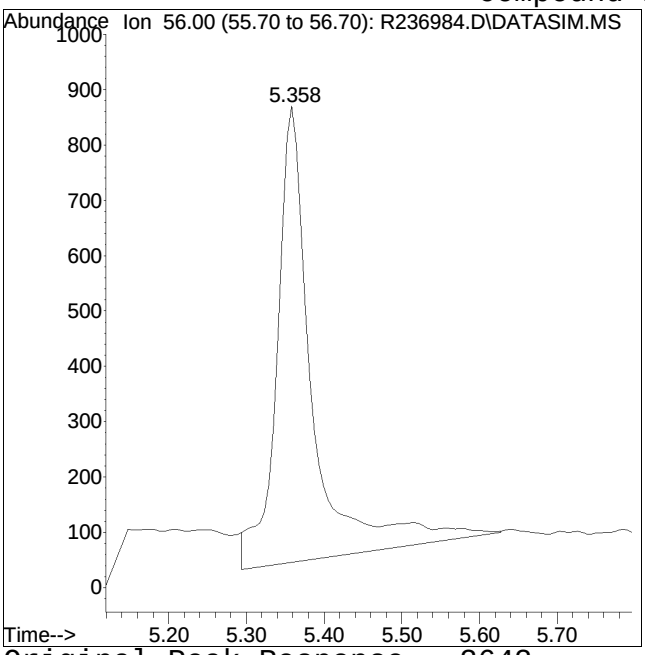
Manual Peak Response = 5772 M4

M4 = Poor automated baseline construction.

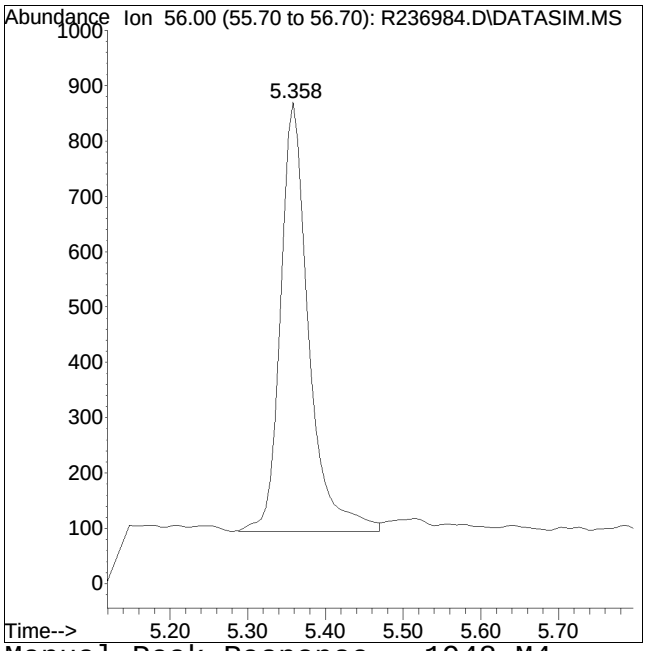
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #12: acrolein



Original Peak Response = 2642



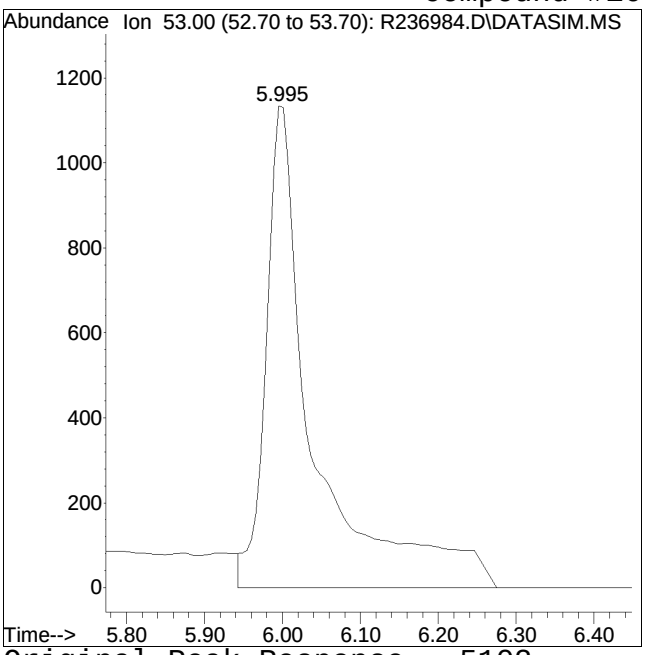
Manual Peak Response = 1948 M4

M4 = Poor automated baseline construction.

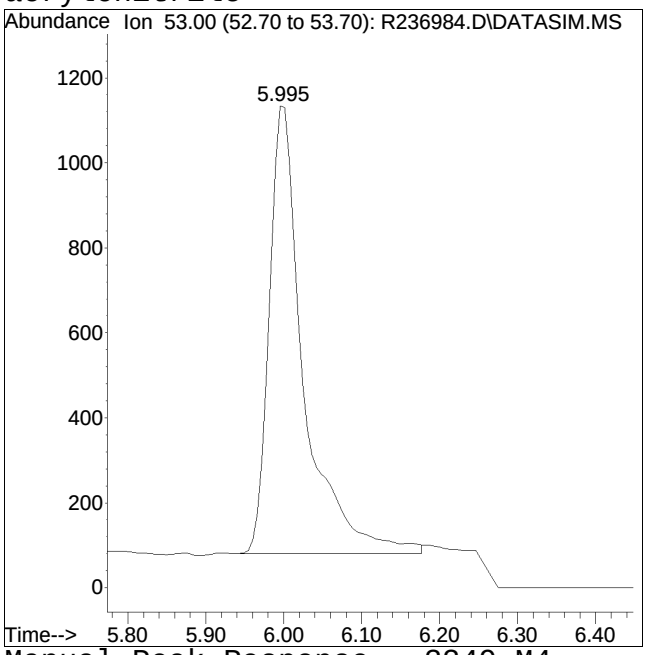
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #16: acrylonitrile



Original Peak Response = 5102



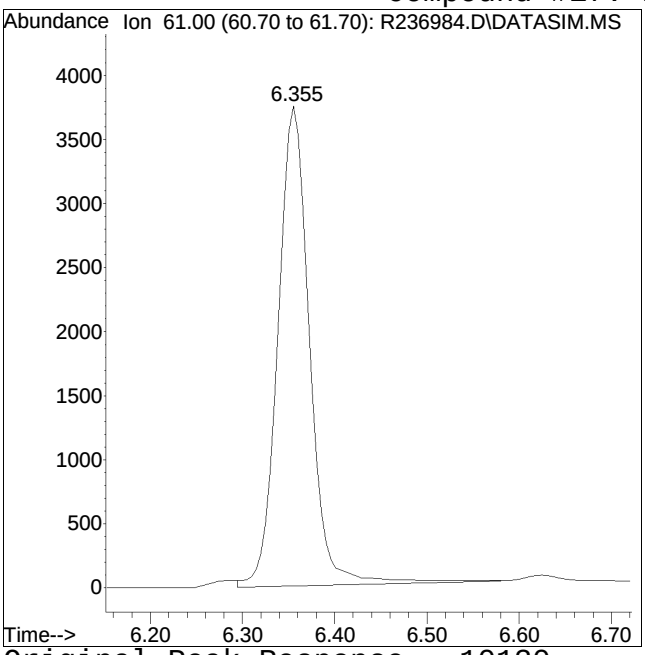
Manual Peak Response = 3249 M4

M4 = Poor automated baseline construction.

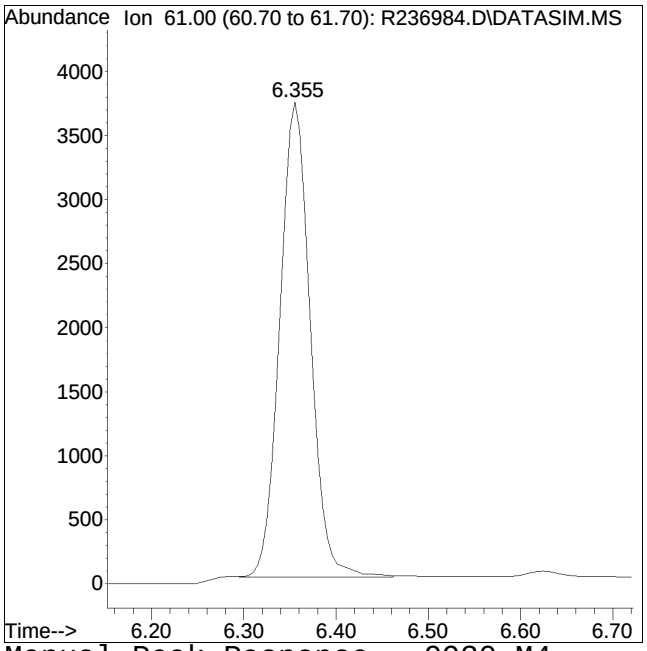
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 10130



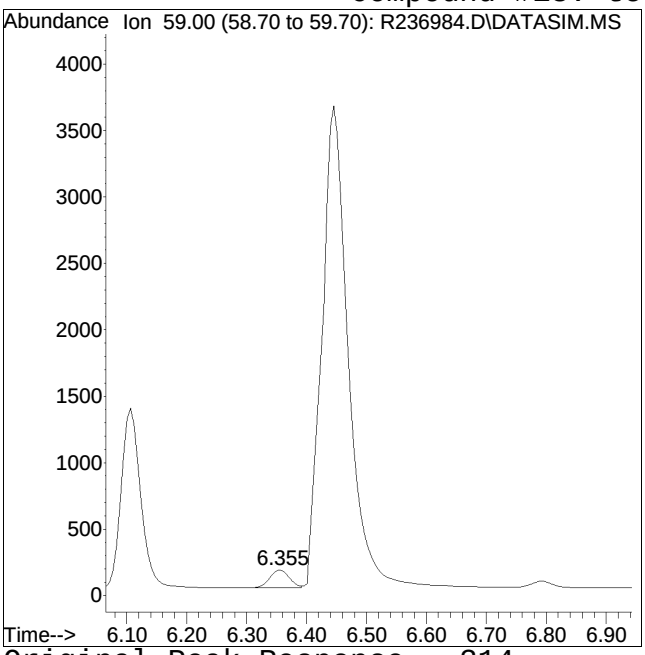
Manual Peak Response = 9930 M4

M4 = Poor automated baseline construction.

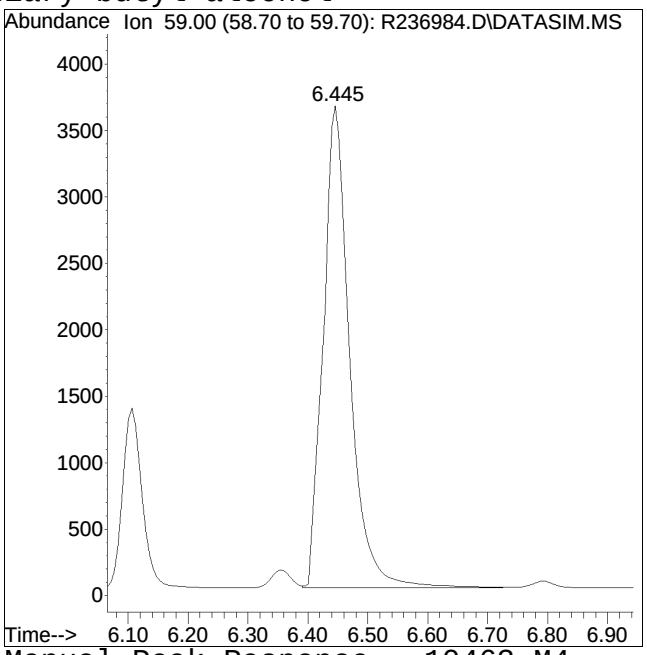
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #18: tertiary butyl alcohol



Original Peak Response = 314



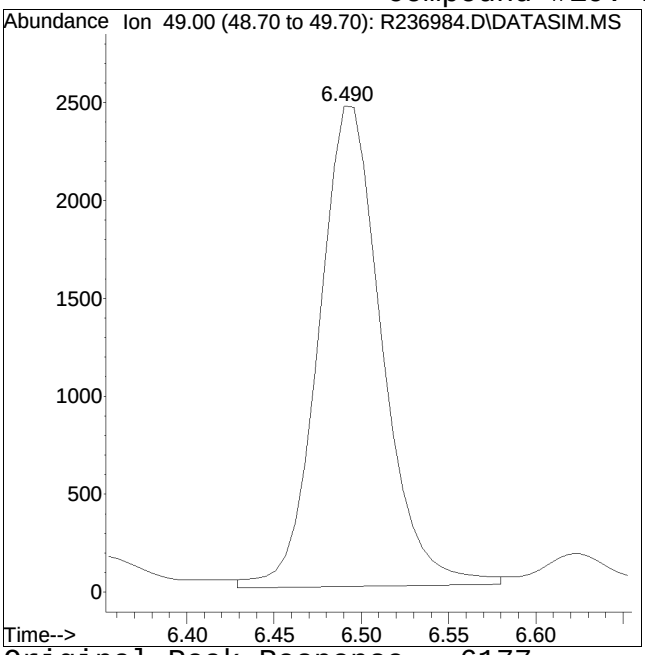
Manual Peak Response = 10463 M4

M4 = Poor automated baseline construction.

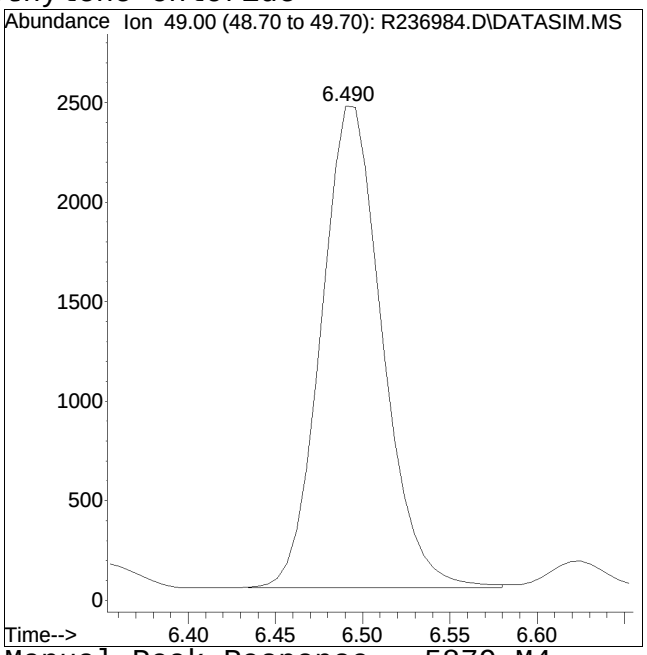
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #19: methylene chloride



Original Peak Response = 6177



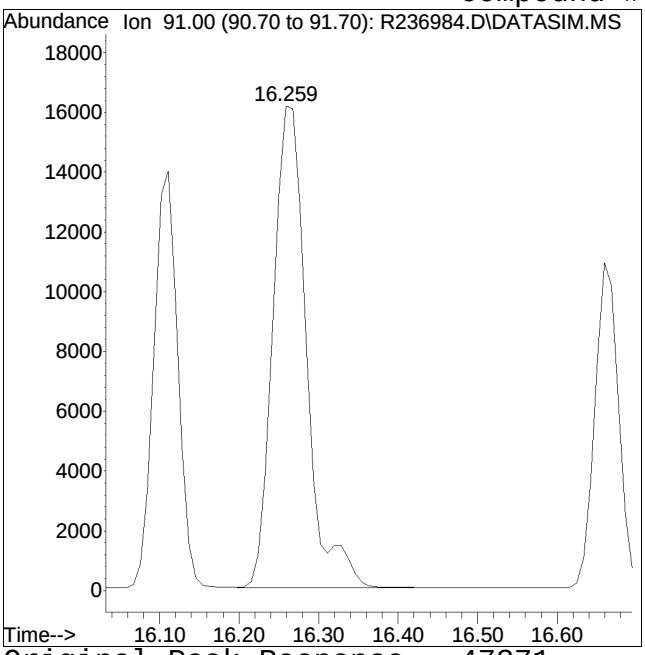
Manual Peak Response = 5879 M4

M4 = Poor automated baseline construction.

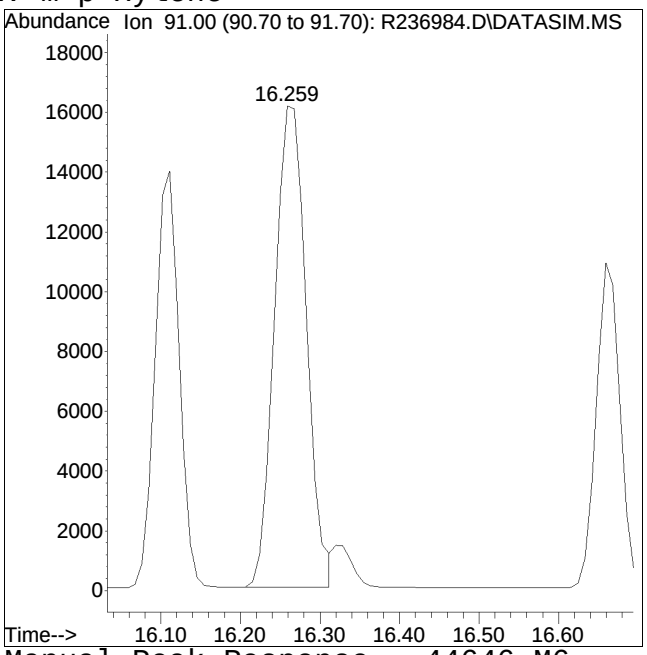
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236984.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 10:35 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.2 Quant Date : 11/22/2025 10:13 am

Compound #61: m+p-xylene



Original Peak Response = 47371



Manual Peak Response = 44646 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:17 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.862	49	266382	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 109.19%			
33) 1,4-difluorobenzene	11.055	114	1164944	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 110.91%			
51) chlorobenzene-D5	15.734	54	149629	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 106.67%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.710	65	309575	9.914	ppbV	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.14%			
53) toluene-D8	13.863	98	920275	10.142	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.42%			
67) bromofluorobenzene	17.040	95	547638	10.042	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.42%			
Target Compounds						Qvalue
2) propylene	3.788	41	5649M6	0.592	ppbV	
3) dichlorodifluoromethane	3.859	85	39221	0.538	ppbV	100
4) chloromethane	4.028	50	10901	0.574	ppbV	99
5) Freon-114	4.128	85	49115	0.569	ppbV	99
6) vinyl chloride	4.245	62	14738	0.579	ppbV	99
7) 1,3-butadiene	4.385	54	9053	0.626	ppbV	99
8) bromomethane	4.661	94	17791	0.561	ppbV	100
9) chloroethane	4.842	64	8385	0.570	ppbV	99
10) ethanol	4.983	31	26714	2.732	ppbV	99
11) vinyl bromide	5.212	106	15423	0.622	ppbV	100
12) acrolein	5.352	56	4334M4	0.535	ppbV	
13) acetone	5.487	43	70941	3.101	ppbV #	99
14) trichlorofluoromethane	5.662	101	42406	0.561	ppbV	100
15) isopropyl alcohol	5.761	45	36858	1.554	ppbV	99
16) acrylonitrile	5.989	53	6975M6	0.515	ppbV	
17) 1,1-dichloroethene	6.351	61	25246	0.572	ppbV	99
18) tertiary butyl alcohol	6.440	59	14832	0.407	ppbV #	89
19) methylene chloride	6.490	49	15052	0.692	ppbV	99
20) 3-chloropropene	6.619	41	9228	0.593	ppbV	99
21) carbon disulfide	6.798	76	35347	0.618	ppbV #	91
22) Freon 113	6.793	101	34271	0.575	ppbV	99
23) trans-1,2-dichloroethene	7.527	61	16706	0.600	ppbV	99
24) 1,1-dichloroethane	7.750	63	23098	0.557	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:17 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.831	73	33657	0.607	ppbV		98
26) vinyl acetate	7.939	43	21517	0.763	ppbV		100
27) 2-butanone	8.204	43	17701	0.591	ppbV		99
28) cis-1,2-dichloroethene	8.683	61	17769	0.552	ppbV		100
29) Ethyl Acetate	8.960	61	3186	0.570	ppbV		68
30) chloroform	9.009	83	33322	0.565	ppbV		99
31) Tetrahydrofuran	9.482	42	9199	0.681	ppbV		99
32) 1,2-dichloroethane	9.832	62	19083	0.545	ppbV		98
34) hexane	8.935	57	15110	0.609	ppbV	#	73
36) 1,1,1-trichloroethane	10.125	97	36424	0.478	ppbV		97
37) benzene	10.631	78	43684	0.545	ppbV		99
38) carbon tetrachloride	10.810	117	40726	0.547	ppbV		99
39) cyclohexane	10.942	56	15419	0.608	ppbV		97
40) Dibromomethane	11.536	93	20965	0.539	ppbV	#	100
41) 1,2-dichloropropane	11.564	63	13904	0.542	ppbV		98
42) bromodichloromethane	11.790	83	33125	0.571	ppbV		99
43) 1,4-dioxane	11.866	88	9667	0.570	ppbV	#	82
44) trichloroethene	11.847	130	25805	0.539	ppbV		99
45) 2,2,4-trimethylpentane	11.884	57	48178	0.632	ppbV		99
46) heptane	12.196	43	14004	0.592	ppbV		98
47) cis-1,3-dichloropropene	12.837	75	22471	0.511	ppbV		99
48) 4-methyl-2-pentanone	12.895	43	21182	0.556	ppbV		99
49) trans-1,3-dichloropropene	13.454	75	17518	0.501	ppbV		99
50) 1,1,2-trichloroethane	13.654	97	21650	0.531	ppbV		99
52) toluene	13.979	91	55733	0.556	ppbV		100
54) 2-hexanone	14.288	43	18547	0.544	ppbV		92
55) dibromochloromethane	14.430	129	38687	0.585	ppbV		100
56) 1,2-dibromoethane	14.688	107	33700	0.547	ppbV		100
57) tetrachloroethene	15.147	166	35632	0.567	ppbV		98
58) 1,1,1,2-tetrachloroethane	15.760	131	27915	0.531	ppbV		98
59) chlorobenzene	15.777	112	48740	0.556	ppbV		97
60) ethylbenzene	16.108	91	71111	0.539	ppbV		99
61) m+p-xylene	16.265	91	108728M6	1.111	ppbV		
62) bromoform	16.326	173	35446	0.569	ppbV		100
63) styrene	16.570	104	40209	0.519	ppbV		99
64) 1,1,2,2-tetrachloroethane	16.657	83	40401	0.545	ppbV		98
65) o-xylene	16.657	91	54489	0.553	ppbV		98
66) 1,2,3-Trichloropropane	16.770	75	28160	0.556	ppbV		99
68) isopropylbenzene	17.153	105	74640	0.533	ppbV		99
69) Bromobenzene	17.222	77	33195	0.537	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:17 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

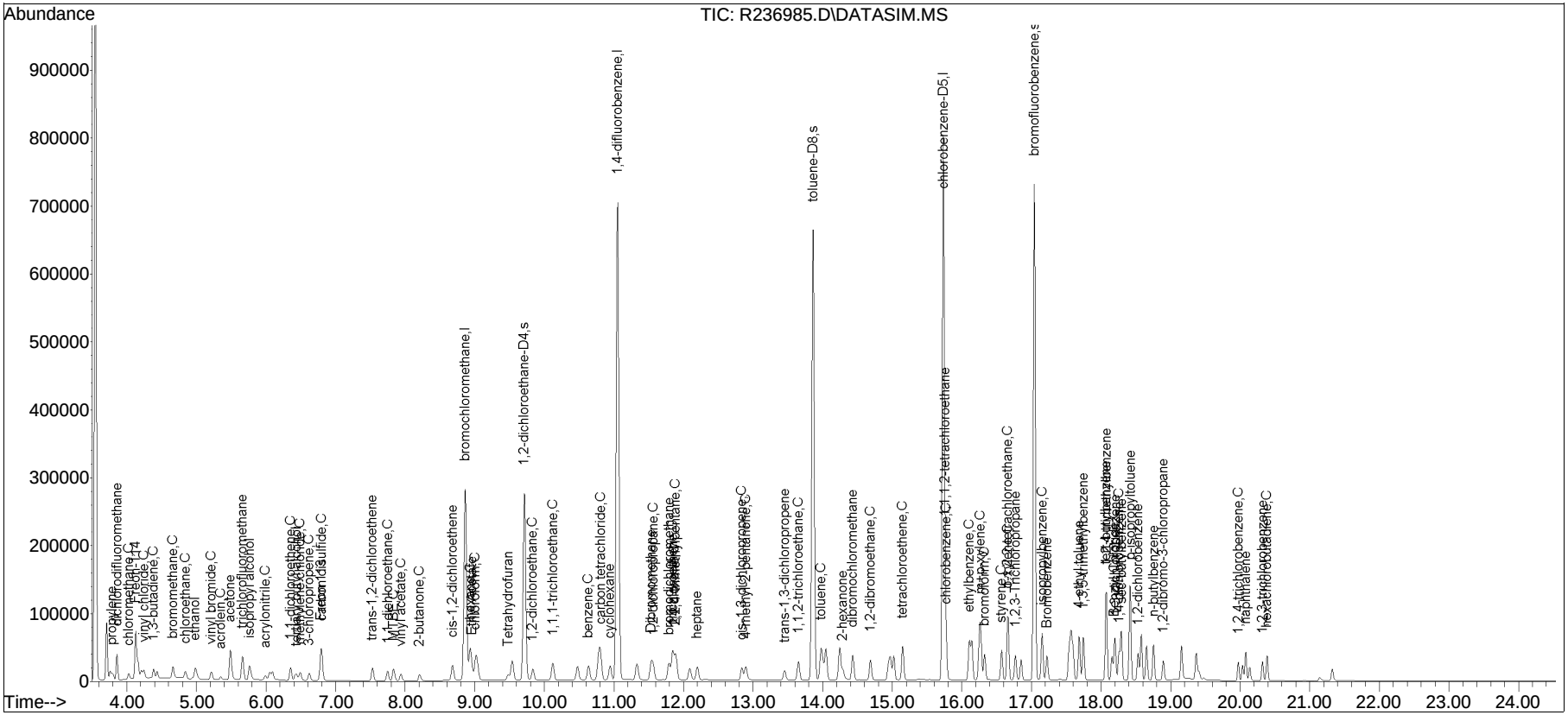
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.684	105	71647	0.584	ppbV	97
71) 1,3,5-trimethylbenzene	17.745	105	57916	0.528	ppbV	97
72) tert-butylbenzene	18.071	119	69900	0.530	ppbV	98
73) 1,2,4-trimethylbenzene	18.079	105	61031	0.516	ppbV	98
74) Benzyl Chloride	18.190	91	34586	0.427	ppbV	99
75) 1,3-dichlorobenzene	18.206	146	49805	0.525	ppbV	99
76) 1,4-dichlorobenzene	18.262	146	48564	0.515	ppbV	99
77) sec-butylbenzene	18.294	105	91926	0.550	ppbV	100
78) p-isopropyltoluene	18.422	119	83593	0.518	ppbV	99
79) 1,2-dichlorobenzene	18.534	146	46694	0.511	ppbV	99
80) n-butylbenzene	18.757	91	66172	0.506	ppbV	96
81) 1,2-dibromo-3-chloropr...	18.893	75	16438	0.455	ppbV	96
82) 1,2,4-trichlorobenzene	19.975	180	33555	0.387	ppbV	100
83) naphthalene	20.080	128	68836	0.372	ppbV	100
84) 1,2,3-trichlorobenzene	20.319	180	33903	0.393	ppbV	100
85) hexachlorobutadiene	20.384	225	32301	0.447	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236985.D
Acq On : 21 Nov 2025 11:14 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD0.5
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:17 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

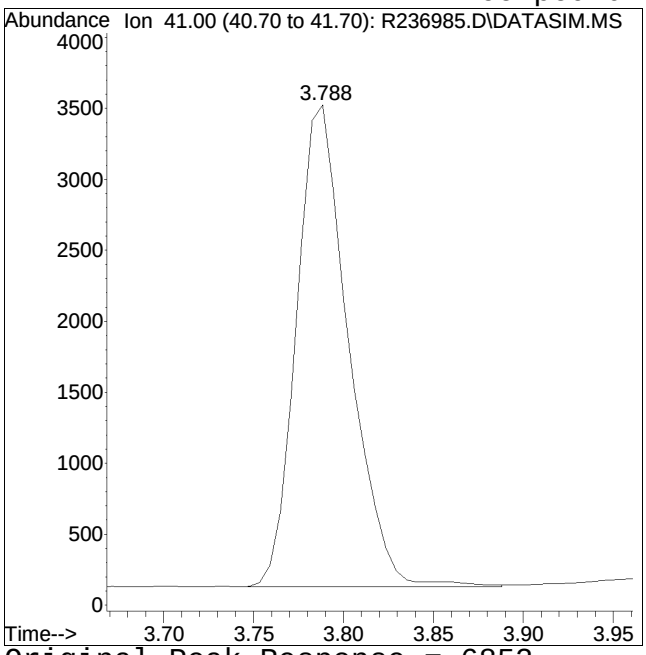


Manual Integration Report

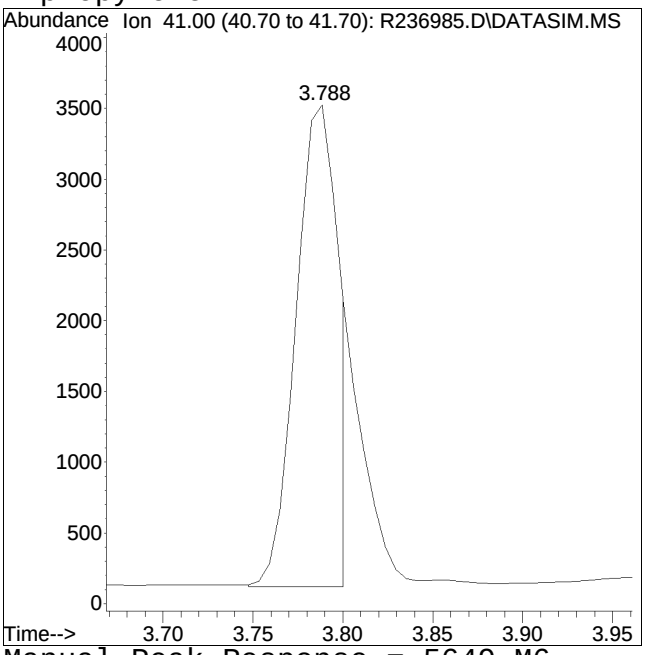
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Data File : R236985.D
Date Inj'd : 11/21/2025 11:14 pm
Sample : ITO15-SIMSTD0.5

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 6852



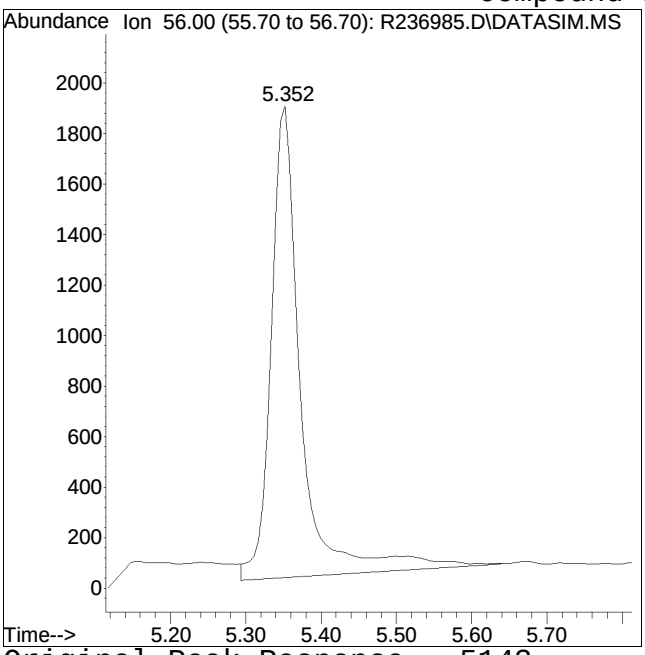
Manual Peak Response = 5649 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

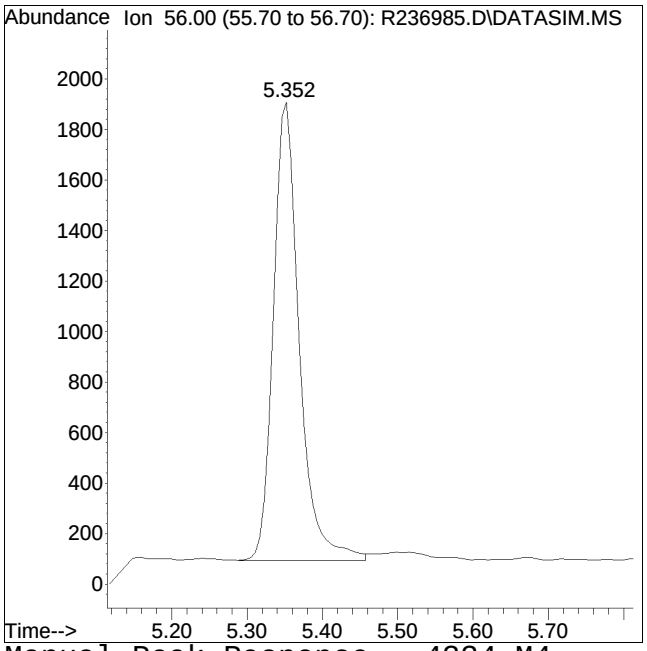
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236985.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:14 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.5 Quant Date : 11/22/2025 10:13 am

Compound #12: acrolein



Original Peak Response = 5143



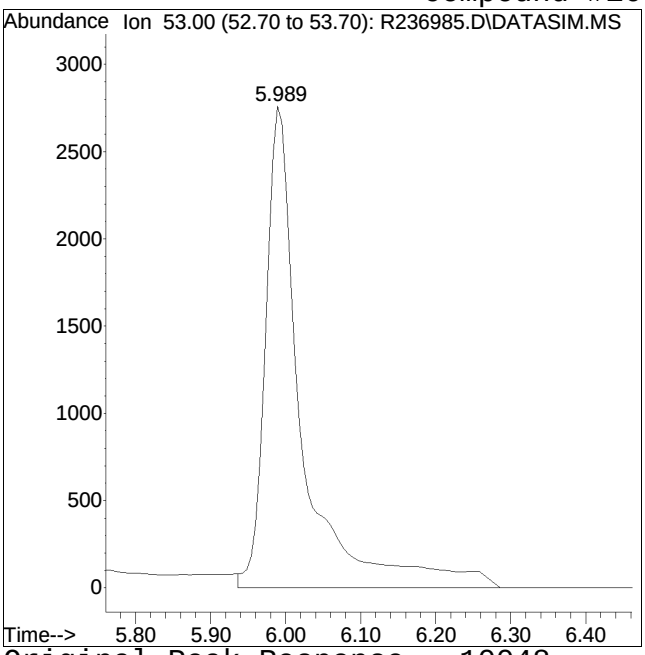
Manual Peak Response = 4334 M4

M4 = Poor automated baseline construction.

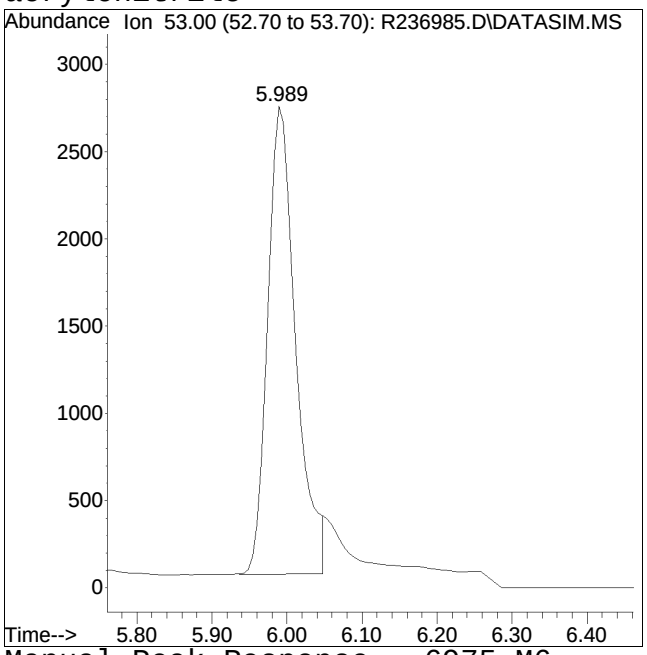
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236985.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:14 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.5 Quant Date : 11/22/2025 10:13 am

Compound #16: acrylonitrile



Original Peak Response = 10048



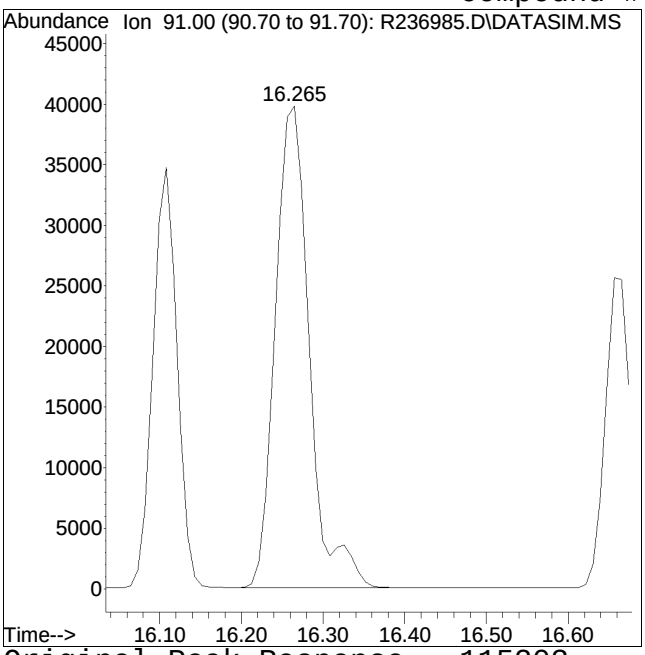
Manual Peak Response = 6975 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

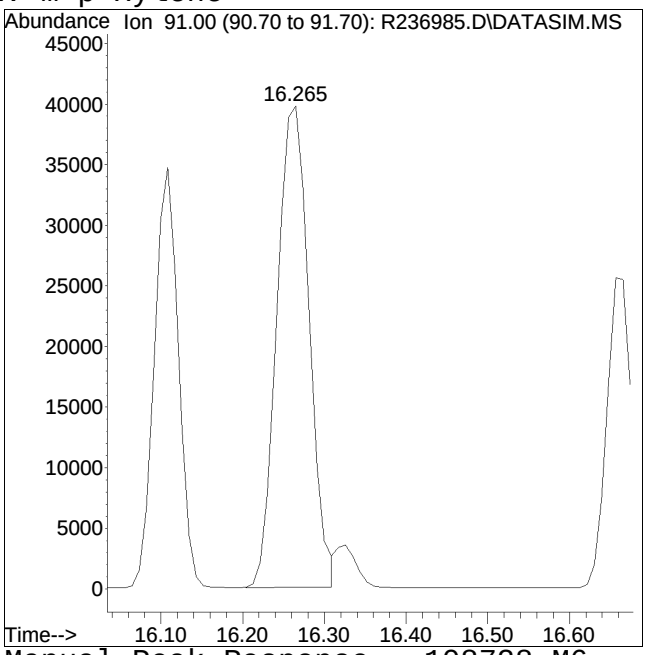
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236985.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:14 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD0.5 Quant Date : 11/22/2025 10:13 am

Compound #61: m+p-xylene



Original Peak Response = 115203



Manual Peak Response = 108728 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:24 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.860	49	264192	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 108.29%			
33) 1,4-difluorobenzene	11.053	114	1107008	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 105.39%			
51) chlorobenzene-D5	15.731	54	143033	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 101.97%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.715	65	307396	10.359	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.59%			
53) toluene-D8	13.860	98	897995	10.353	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.53%			
67) bromofluorobenzene	17.037	95	523034	10.033	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.33%			
Target Compounds						Qvalue
2) propylene	3.783	41	11810M6	1.248	ppbV	
3) dichlorodifluoromethane	3.853	85	81369	1.124	ppbV	100
4) chloromethane	4.023	50	21734	1.155	ppbV	99
5) Freon-114	4.122	85	98611	1.151	ppbV	98
6) vinyl chloride	4.239	62	29263	1.159	ppbV	100
7) 1,3-butadiene	4.380	54	17547	1.223	ppbV	100
8) bromomethane	4.655	94	35746	1.137	ppbV	99
9) chloroethane	4.836	64	16533	1.133	ppbV	100
10) ethanol	4.977	31	52757	5.439	ppbV	98
11) vinyl bromide	5.206	106	29213	1.187	ppbV	100
12) acrolein	5.340	56	8624	1.073	ppbV	96
13) acetone	5.475	43	137838	6.075	ppbV	99
14) trichlorofluoromethane	5.662	101	83125	1.109	ppbV	100
15) isopropyl alcohol	5.750	45	71656	3.046	ppbV	100
16) acrylonitrile	5.983	53	13950M6	1.039	ppbV	
17) 1,1-dichloroethene	6.351	61	48716	1.113	ppbV	100
18) tertiary butyl alcohol	6.412	59	34413	0.951	ppbV #	94
19) methylene chloride	6.490	49	27645	1.282	ppbV	99
20) 3-chloropropene	6.619	41	18078	1.171	ppbV	99
21) carbon disulfide	6.793	76	68564	1.209	ppbV	97
22) Freon 113	6.787	101	66047	1.117	ppbV	99
23) trans-1,2-dichloroethene	7.528	61	32525	1.178	ppbV	99
24) 1,1-dichloroethane	7.744	63	44899	1.091	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:24 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.826	73	65283	1.187	ppbV		100
26) vinyl acetate	7.934	43	38732	1.384	ppbV		100
27) 2-butanone	8.194	43	34294	1.154	ppbV		99
28) cis-1,2-dichloroethene	8.680	61	34539	1.081	ppbV		99
29) Ethyl Acetate	8.949	61	6113	1.104	ppbV		94
30) chloroform	9.014	83	64662	1.105	ppbV		100
31) Tetrahydrofuran	9.463	42	17724	1.324	ppbV		98
32) 1,2-dichloroethane	9.838	62	37218	1.071	ppbV		99
34) hexane	8.933	57	29119	1.235	ppbV		86
36) 1,1,1-trichloroethane	10.123	97	70717	0.976	ppbV		98
37) benzene	10.638	78	84106	1.103	ppbV		99
38) carbon tetrachloride	10.808	117	79256	1.120	ppbV		99
39) cyclohexane	10.939	56	29603	1.228	ppbV		96
40) Dibromomethane	11.533	93	40731	1.102	ppbV	#	99
41) 1,2-dichloropropane	11.562	63	26966	1.106	ppbV		98
42) bromodichloromethane	11.788	83	65065	1.180	ppbV		99
43) 1,4-dioxane	11.844	88	18811	1.166	ppbV		96
44) trichloroethene	11.844	130	50091	1.102	ppbV		99
45) 2,2,4-trimethylpentane	11.891	57	92969	1.284	ppbV		100
46) heptane	12.193	43	26910	1.196	ppbV		98
47) cis-1,3-dichloropropene	12.834	75	43752	1.047	ppbV		100
48) 4-methyl-2-pentanone	12.884	43	41517	1.146	ppbV		100
49) trans-1,3-dichloropropene	13.451	75	34393	1.036	ppbV		100
50) 1,1,2-trichloroethane	13.652	97	41940	1.083	ppbV		99
52) toluene	13.977	91	108369	1.132	ppbV		99
54) 2-hexanone	14.277	43	37182	1.142	ppbV		93
55) dibromochloromethane	14.436	129	75457	1.193	ppbV		100
56) 1,2-dibromoethane	14.686	107	65397	1.110	ppbV		100
57) tetrachloroethene	15.153	166	68507	1.140	ppbV		100
58) 1,1,1,2-tetrachloroethane	15.758	131	54566	1.086	ppbV		98
59) chlorobenzene	15.775	112	94174	1.124	ppbV		98
60) ethylbenzene	16.106	91	139061	1.103	ppbV		100
61) m+p-xylene	16.262	91	210787M6	2.254	ppbV		
62) bromoform	16.323	173	69520	1.167	ppbV		99
63) styrene	16.576	104	79061	1.067	ppbV		100
64) 1,1,2,2-tetrachloroethane	16.663	83	78865	1.114	ppbV		100
65) o-xylene	16.663	91	106280	1.129	ppbV		99
66) 1,2,3-Trichloropropane	16.767	75	54749	1.132	ppbV		99
68) isopropylbenzene	17.150	105	146869	1.098	ppbV		100
69) Bromobenzene	17.220	77	65427	1.108	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 10:13:24 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

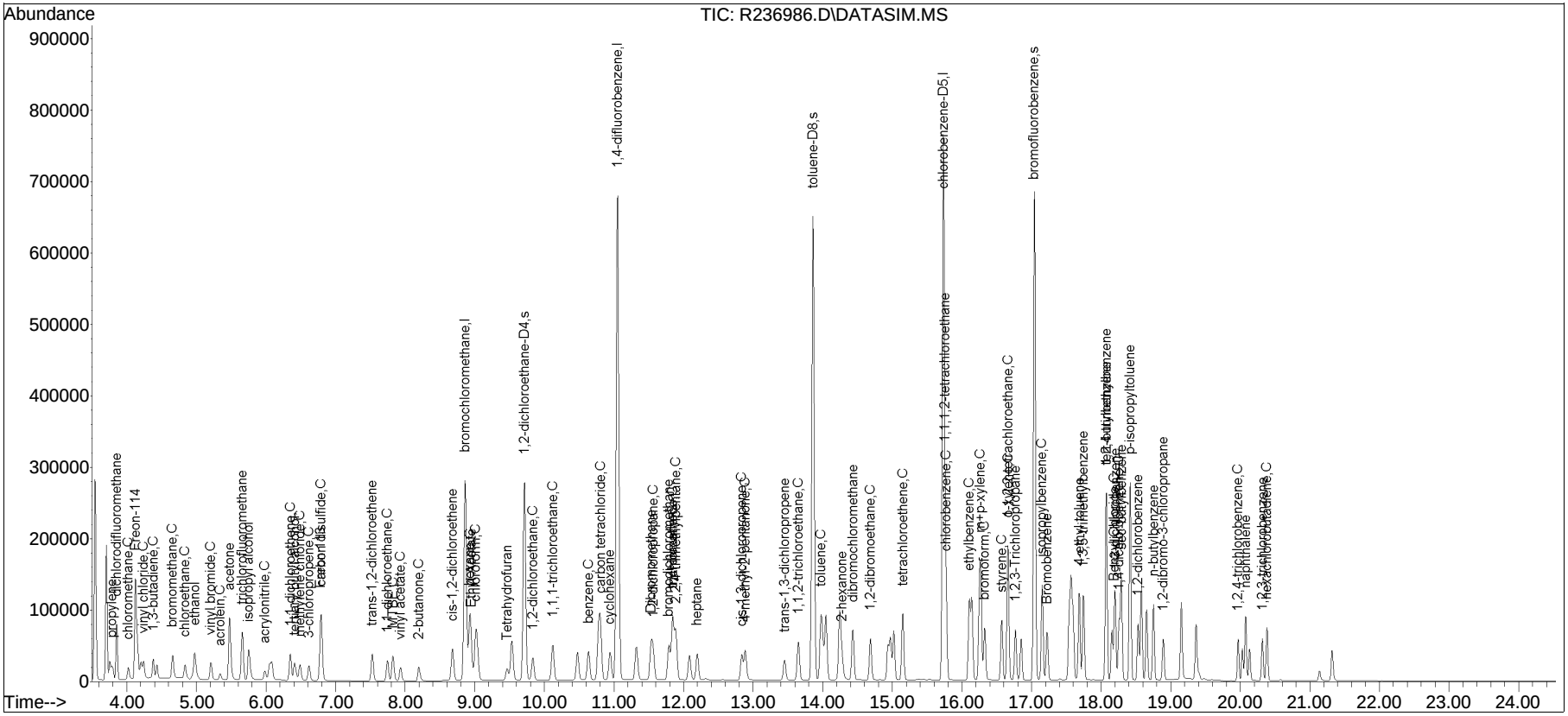
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.690	105	138200	1.178	ppbV	100
71) 1,3,5-trimethylbenzene	17.742	105	113947	1.088	ppbV	96
72) tert-butylbenzene	18.076	119	136222	1.081	ppbV	99
73) 1,2,4-trimethylbenzene	18.076	105	119641	1.059	ppbV	98
74) Benzyl Chloride	18.188	91	73481	0.949	ppbV	98
75) 1,3-dichlorobenzene	18.204	146	97556	1.077	ppbV	100
76) 1,4-dichlorobenzene	18.260	146	96334	1.069	ppbV	100
77) sec-butylbenzene	18.292	105	178034	1.115	ppbV	99
78) p-isopropyltoluene	18.419	119	163352	1.059	ppbV	99
79) 1,2-dichlorobenzene	18.531	146	91107	1.044	ppbV	99
80) n-butylbenzene	18.755	91	130452	1.043	ppbV	97
81) 1,2-dibromo-3-chloropr...	18.890	75	33283	0.965	ppbV	96
82) 1,2,4-trichlorobenzene	19.966	180	69573	0.840	ppbV	99
83) naphthalene	20.077	128	144268	0.815	ppbV	100
84) 1,2,3-trichlorobenzene	20.317	180	70263	0.853	ppbV	100
85) hexachlorobutadiene	20.381	225	64158	0.928	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236986.D
Acq On : 21 Nov 2025 11:55 pm
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD1.0
Misc : WG2145606
ALS Vial : 6 Sample Multiplier: 1

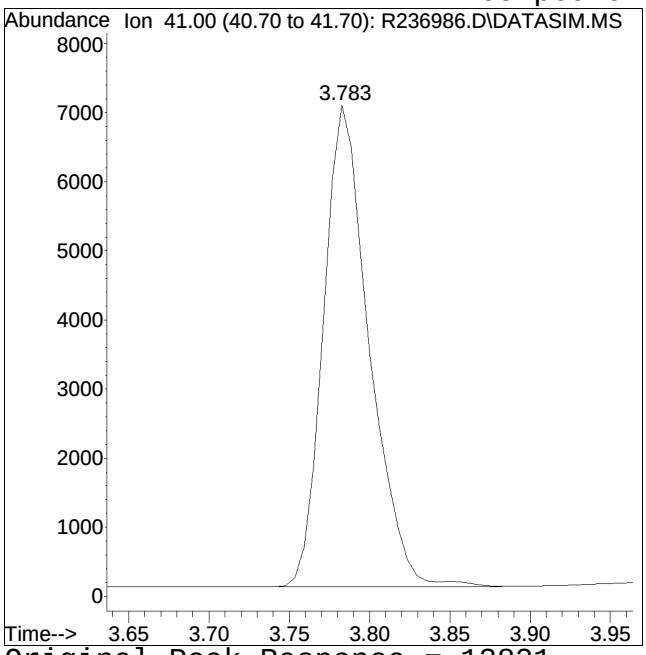
Quant Time: Nov 22 10:13:24 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration



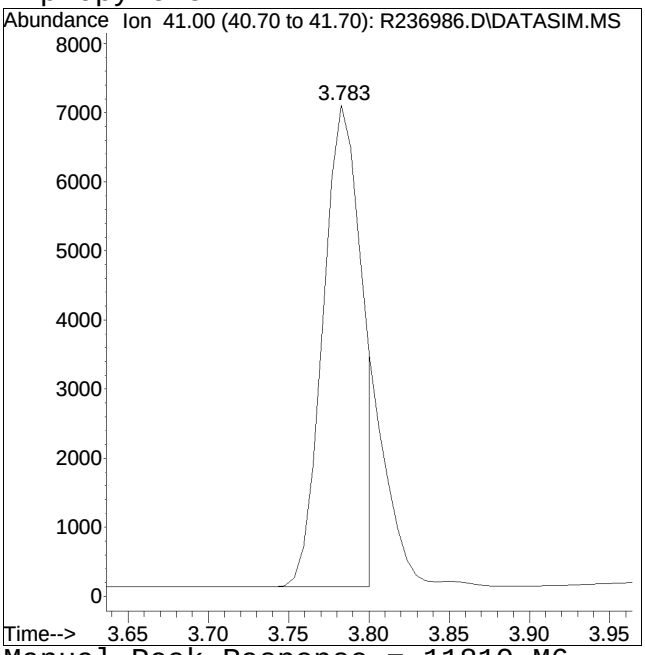
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236986.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:55 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD1.0 Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 13821



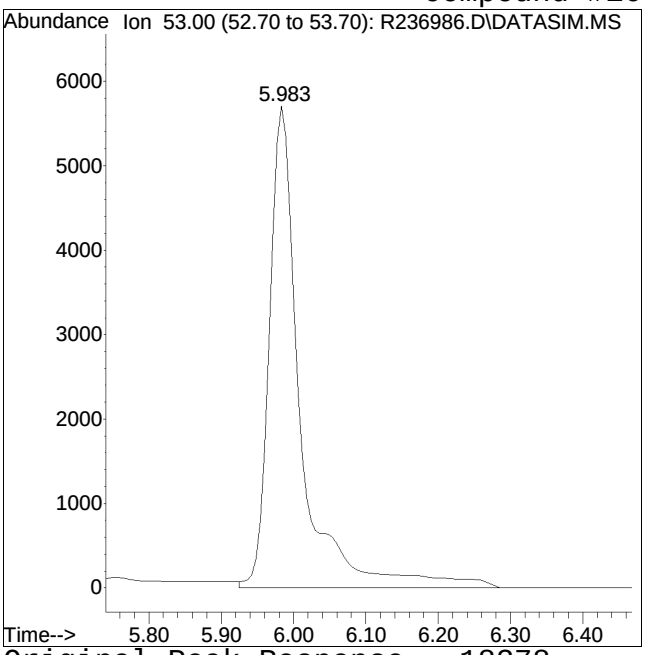
Manual Peak Response = 11810 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

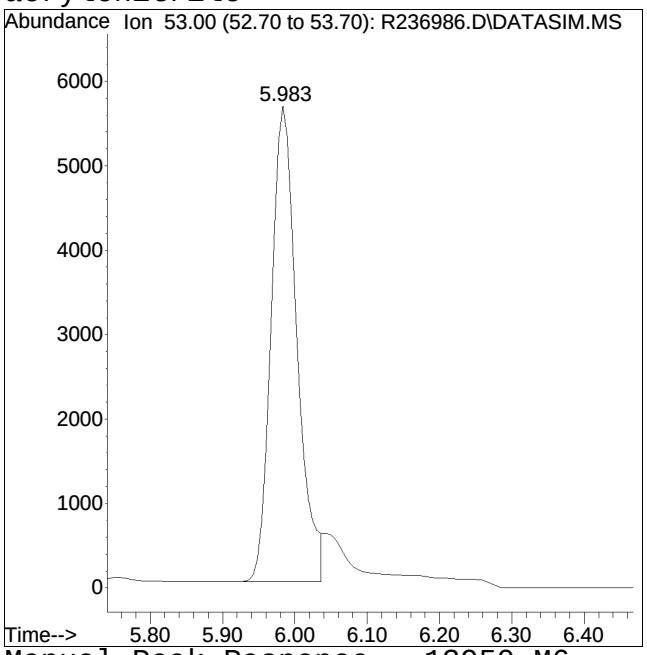
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236986.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:55 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD1.0 Quant Date : 11/22/2025 10:13 am

Compound #16: acrylonitrile



Original Peak Response = 18378



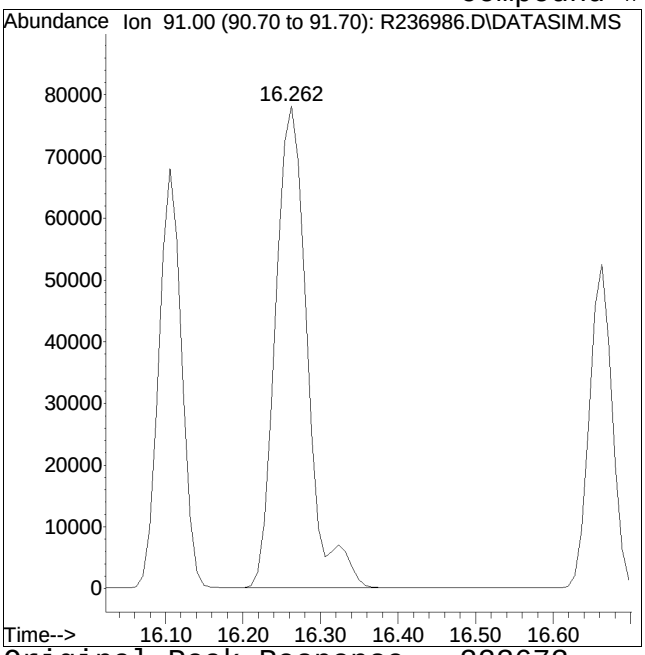
Manual Peak Response = 13950 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

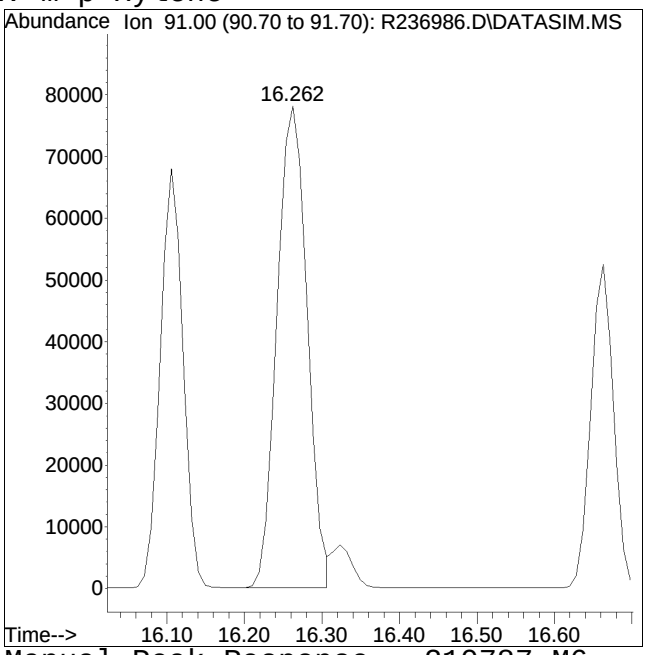
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236986.D Operator : AIRLAB23:BJB
Date Inj'd : 11/21/2025 11:55 pm Instrument : Airlab 23
Sample : ITO15-SIMSTD1.0 Quant Date : 11/22/2025 10:13 am

Compound #61: m+p-xylene



Original Peak Response = 223673



Manual Peak Response = 210787 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:09:34 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 12:54:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	243961	10.000	ppbV	# 0.00
Standard Area = 243961			Recovery = 100.00%			
33) 1,4-difluorobenzene	11.059	114	1050358	10.000	ppbV	# 0.00
Standard Area = 1050358			Recovery = 100.00%			
51) chlorobenzene-D5	15.728	54	140272	10.000	ppbV	# 0.00
Standard Area = 140272			Recovery = 100.00%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.721	65	281544	7.601	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 76.01%			
53) toluene-D8	13.866	98	850619	12.047	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.47%			
67) bromofluorobenzene	17.043	95	511235	11.941	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 119.41%			
Target Compounds						Qvalue
2) propylene	3.782	41	43709M6	3.538	ppbV	
3) dichlorodifluoromethane	3.859	85	334096	6.197	ppbV	100
4) chloromethane	4.022	50	86901	4.939	ppbV	99
5) Freon-114	4.128	85	395523	6.524	ppbV	89
6) vinyl chloride	4.245	62	116609	5.357	ppbV	99
7) 1,3-butadiene	4.379	54	66252	4.674	ppbV	97
8) bromomethane	4.660	94	145190	6.792	ppbV	99
9) chloroethane	4.836	64	67401	5.694	ppbV	99
10) ethanol	4.976	31	223908	21.178	ppbV	97
11) vinyl bromide	5.212	106	113585	5.726	ppbV	99
12) acrolein	5.334	56	37125	4.271	ppbV	97
13) acetone	5.469	43	523802	20.566	ppbV	98
14) trichlorofluoromethane	5.662	101	346079	6.229	ppbV	100
15) isopropyl alcohol	5.755	45	271569	9.807	ppbV	99
16) acrylonitrile	5.983	53	61976	4.188	ppbV	99
17) 1,1-dichloroethene	6.351	61	202140	4.990	ppbV	90
18) tertiary butyl alcohol	6.407	59	167034	6.317	ppbV	98
19) methylene chloride	6.490	49	99562	4.118	ppbV #	80
20) 3-chloropropene	6.619	41	71258	3.864	ppbV #	84
21) carbon disulfide	6.793	76	261897	4.918	ppbV	99
22) Freon 113	6.793	101	272953	5.972	ppbV	93
23) trans-1,2-dichloroethene	7.527	61	127470	4.391	ppbV #	83
24) 1,1-dichloroethane	7.750	63	189940	4.840	ppbV	99

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:09:34 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 12:54:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.815	73	253927	4.892	ppbV		95
26) vinyl acetate	7.934	43	129185	3.307	ppbV	#	90
27) 2-butanone	8.188	43	137214	4.015	ppbV	#	91
28) cis-1,2-dichloroethene	8.686	61	147520	4.830	ppbV	#	77
29) Ethyl Acetate	8.946	61	25576	4.569	ppbV		89
30) chloroform	9.020	83	270192	5.562	ppbV		97
31) Tetrahydrofuran	9.452	42	61824	3.787	ppbV	#	79
32) 1,2-dichloroethane	9.835	62	160402	5.080	ppbV		99
34) hexane	8.930	57	111890	2.940	ppbV		91
36) 1,1,1-trichloroethane	10.120	97	343744	4.464	ppbV		94
37) benzene	10.635	78	361657	3.641	ppbV		96
38) carbon tetrachloride	10.805	117	335623	4.520	ppbV		100
39) cyclohexane	10.946	56	114350	2.898	ppbV	#	84
40) Dibromomethane	11.540	93	175353	4.028	ppbV	#	87
41) 1,2-dichloropropane	11.568	63	115662	3.204	ppbV		99
42) bromodichloromethane	11.794	83	261691	3.598	ppbV		98
43) 1,4-dioxane	11.832	88	76520	3.798	ppbV	#	83
44) trichloroethene	11.841	130	215711	4.455	ppbV		97
45) 2,2,4-trimethylpentane	11.889	57	343451M6	2.847	ppbV		
46) heptane	12.200	43	106732	2.666	ppbV	#	88
47) cis-1,3-dichloropropene	12.840	75	198295	3.681	ppbV		95
48) 4-methyl-2-pentanone	12.873	43	171829	2.904	ppbV	#	93
49) trans-1,3-dichloropropene	13.449	75	157533	3.689	ppbV		95
50) 1,1,2-trichloroethane	13.649	97	183749	4.083	ppbV		92
52) toluene	13.974	91	469452	5.586	ppbV		100
54) 2-hexanone	14.266	43	159704	4.098	ppbV	#	92
55) dibromochloromethane	14.433	129	310120	5.685	ppbV		100
56) 1,2-dibromoethane	14.683	107	288820	5.864	ppbV		99
57) tetrachloroethene	15.150	166	294770	6.288	ppbV		96
58) 1,1,1,2-tetrachloroethane	15.763	131	246331	6.153	ppbV		99
59) chlorobenzene	15.772	112	410909	5.802	ppbV		94
60) ethylbenzene	16.103	91	618486	5.588	ppbV		97
61) m+p-xylene	16.259	91	917292	10.892	ppbV		96
62) bromoform	16.329	173	292003	5.728	ppbV		100
63) styrene	16.573	104	363229	5.933	ppbV		97
64) 1,1,2,2-tetrachloroethane	16.660	83	347290	5.167	ppbV		99
65) o-xylene	16.660	91	461792	5.432	ppbV		97
66) 1,2,3-Trichloropropane	16.764	75	237255	4.734	ppbV		92
68) isopropylbenzene	17.147	105	655914	5.749	ppbV		98
69) Bromobenzene	17.225	77	289558	4.753	ppbV	#	81

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:09:34 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 12:54:33 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

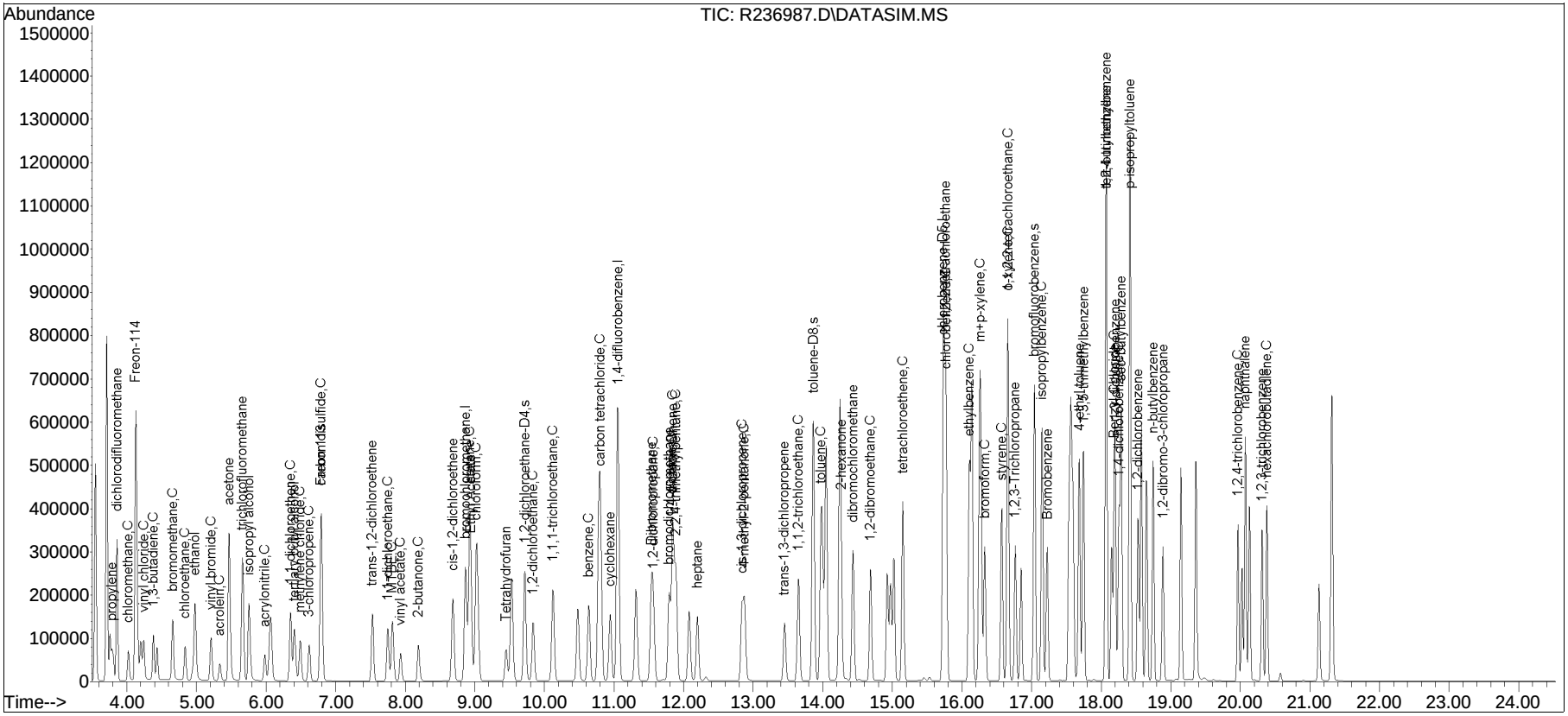
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.687	105	575166	5.203	ppbV	99
71) 1,3,5-trimethylbenzene	17.748	105	513700	5.603	ppbV	99
72) tert-butylbenzene	18.074	119	617747	5.706	ppbV	100
73) 1,2,4-trimethylbenzene	18.074	105	554080	5.796	ppbV	96
74) Benzyl Chloride	18.185	91	379667	5.159	ppbV	97
75) 1,3-dichlorobenzene	18.201	146	444286	5.883	ppbV	96
76) 1,4-dichlorobenzene	18.257	146	441834	6.089	ppbV	96
77) sec-butylbenzene	18.289	105	782817	5.646	ppbV	98
78) p-isopropyltoluene	18.417	119	756085	5.936	ppbV	97
79) 1,2-dichlorobenzene	18.529	146	427975	5.900	ppbV	96
80) n-butylbenzene	18.744	91	613262	5.455	ppbV	96
81) 1,2-dibromo-3-chloropr...	18.888	75	169204	4.972	ppbV	86
82) 1,2,4-trichlorobenzene	19.966	180	406297	6.455	ppbV	99
83) naphthalene	20.071	128	868083	6.264	ppbV	100
84) 1,2,3-trichlorobenzene	20.311	180	403996	6.311	ppbV	100
85) hexachlorobutadiene	20.381	225	339025	6.159	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236987.D
Acq On : 22 Nov 2025 12:33 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:09:34 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Oct 12 12:54:33 2025
Response via : Initial Calibration

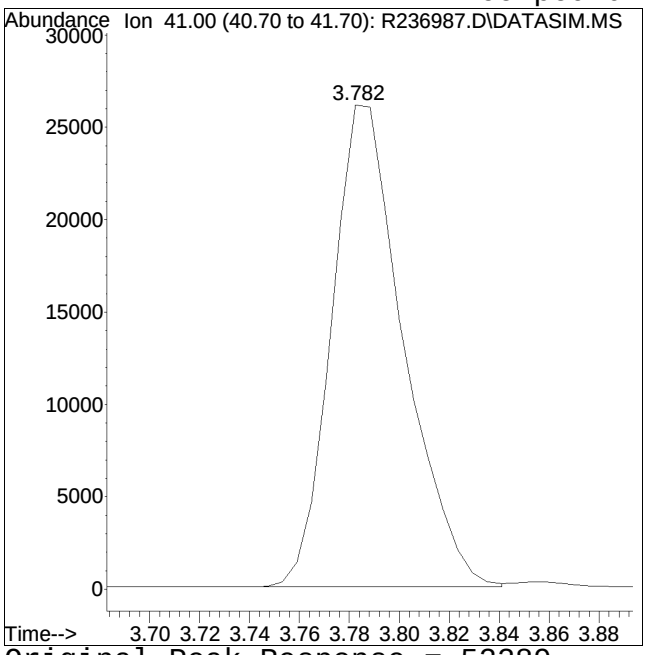


Manual Integration Report

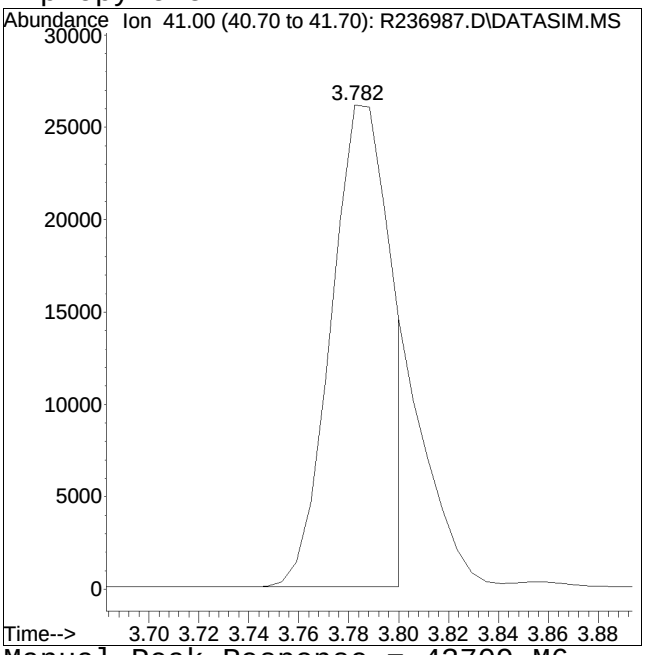
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Data File : R236987.D
Date Inj'd : 11/22/2025 12:33 am
Sample : ITO15-SIMSTD5.0

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:09 am

Compound #2: propylene



Original Peak Response = 52289



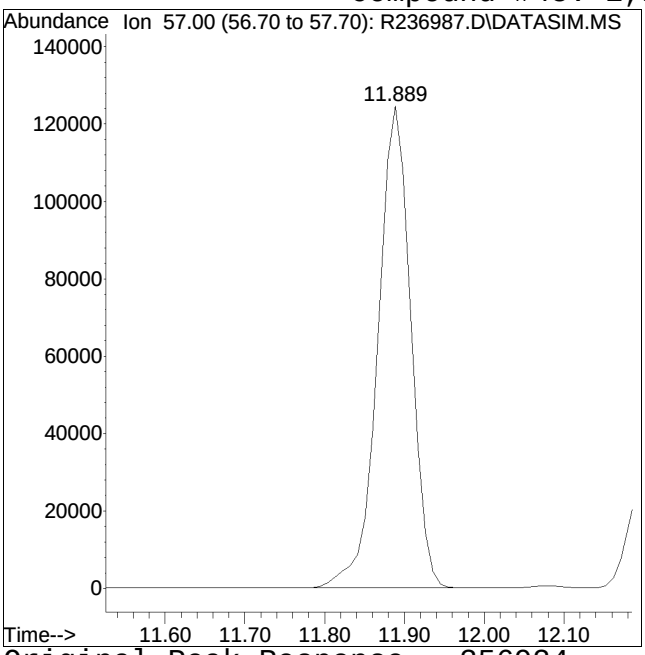
Manual Peak Response = 43709 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

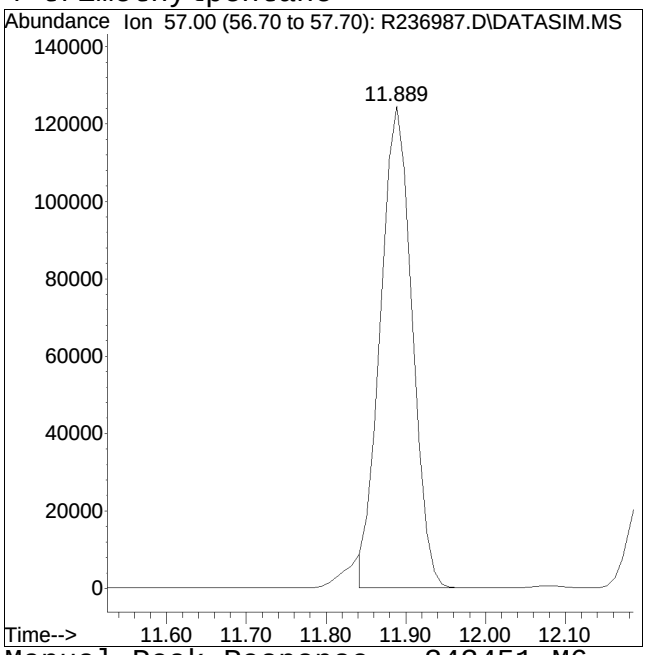
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236987.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 12:33 am Instrument : Airlab 23
Sample : ITO15-SIMSTD5.0 Quant Date : 11/22/2025 10:09 am

Compound #45: 2,2,4-trimethylpentane



Original Peak Response = 356924



Manual Peak Response = 343451 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:13:31 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.868	49	239597	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 98.21%			
33) 1,4-difluorobenzene	11.053	114	988300	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 94.09%			
51) chlorobenzene-D5	15.732	54	134124	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 95.62%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.724	65	275779	10.410	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.10%			
53) toluene-D8	13.860	98	824926	10.142	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.42%			
67) bromofluorobenzene	17.037	95	493691	10.099	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.99%			
Target Compounds						Qvalue
2) propylene	3.783	41	83510M6	9.727	ppbV	
3) dichlorodifluoromethane	3.859	85	619763	9.444	ppbV	99
4) chloromethane	4.023	50	169648	9.939	ppbV	99
5) Freon-114	4.128	85	751705	9.676	ppbV	98
6) vinyl chloride	4.245	62	225957	9.865	ppbV	100
7) 1,3-butadiene	4.380	54	130646	10.039	ppbV	99
8) bromomethane	4.655	94	281767	9.880	ppbV	100
9) chloroethane	4.836	64	133174	10.059	ppbV	99
10) ethanol	4.988	31	429761	48.858	ppbV	98
11) vinyl bromide	5.212	106	214217	9.602	ppbV	100
12) acrolein	5.335	56	73283	10.050	ppbV	99
13) acetone	5.469	43	1005034	48.842	ppbV	100
14) trichlorofluoromethane	5.662	101	661043	9.724	ppbV	100
15) isopropyl alcohol	5.761	45	501997	23.527	ppbV	100
16) acrylonitrile	5.983	53	121703	9.997	ppbV	100
17) 1,1-dichloroethene	6.351	61	397767	10.018	ppbV	100
18) tertiary butyl alcohol	6.412	59	271891	8.287	ppbV	99
19) methylene chloride	6.490	49	189935	9.712	ppbV	99
20) 3-chloropropene	6.619	41	138246	9.877	ppbV	100
21) carbon disulfide	6.793	76	497033	9.662	ppbV	100
22) Freon 113	6.793	101	518665	9.674	ppbV	100
23) trans-1,2-dichloroethene	7.528	61	247241	9.875	ppbV	100
24) 1,1-dichloroethane	7.750	63	365095	9.786	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:13:31 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.815	73	486761	9.759	ppbV		100
26) vinyl acetate	7.934	43	275188	10.845	ppbV		100
27) 2-butanone	8.189	43	266817	9.900	ppbV		100
28) cis-1,2-dichloroethene	8.689	61	284993	9.835	ppbV		99
29) Ethyl Acetate	8.950	61	49484	9.850	ppbV		83
30) chloroform	9.023	83	516754	9.737	ppbV		100
31) Tetrahydrofuran	9.447	42	120225	9.900	ppbV		99
32) 1,2-dichloroethane	9.838	62	311323	9.881	ppbV		100
34) hexane	8.933	57	216318	10.274	ppbV		94
36) 1,1,1-trichloroethane	10.123	97	678224	10.485	ppbV		99
37) benzene	10.638	78	695851	10.224	ppbV		100
38) carbon tetrachloride	10.808	117	643901	10.195	ppbV		100
39) cyclohexane	10.949	56	219651	10.207	ppbV		98
40) Dibromomethane	11.534	93	342653	10.384	ppbV	#	99
41) 1,2-dichloropropane	11.571	63	222872	10.240	ppbV		100
42) bromodichloromethane	11.797	83	512772	10.412	ppbV		99
43) 1,4-dioxane	11.826	88	144628	10.044	ppbV		99
44) trichloroethene	11.845	130	416027	10.249	ppbV		99
45) 2,2,4-trimethylpentane	11.892	57	680073	10.522	ppbV		99
46) heptane	12.203	43	207851	10.348	ppbV		99
47) cis-1,3-dichloropropene	12.843	75	395186	10.590	ppbV		99
48) 4-methyl-2-pentanone	12.868	43	334272	10.338	ppbV		99
49) trans-1,3-dichloropropene	13.452	75	317030	10.694	ppbV		99
50) 1,1,2-trichloroethane	13.652	97	358516	10.368	ppbV		98
52) toluene	13.977	91	914270	10.184	ppbV		99
54) 2-hexanone	14.261	43	311871	10.212	ppbV		96
55) dibromochloromethane	14.436	129	616385	10.393	ppbV		99
56) 1,2-dibromoethane	14.686	107	568984	10.302	ppbV		99
57) tetrachloroethene	15.153	166	574437	10.190	ppbV		99
58) 1,1,1,2-tetrachloroethane	15.758	131	496680	10.544	ppbV		99
59) chlorobenzene	15.775	112	804652	10.240	ppbV		98
60) ethylbenzene	16.106	91	1209867	10.229	ppbV		98
61) m+p-xylene	16.263	91	1789576	20.404	ppbV		98
62) bromoform	16.324	173	592249	10.606	ppbV		99
63) styrene	16.567	104	726061	10.453	ppbV		99
64) 1,1,2,2-tetrachloroethane	16.654	83	674063	10.149	ppbV		100
65) o-xylene	16.663	91	902532	10.220	ppbV		98
66) 1,2,3-Trichloropropane	16.768	75	461865	10.180	ppbV		100
68) isopropylbenzene	17.151	105	1292737	10.306	ppbV		98
69) Bromobenzene	17.220	77	569081	10.277	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 22 10:13:31 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

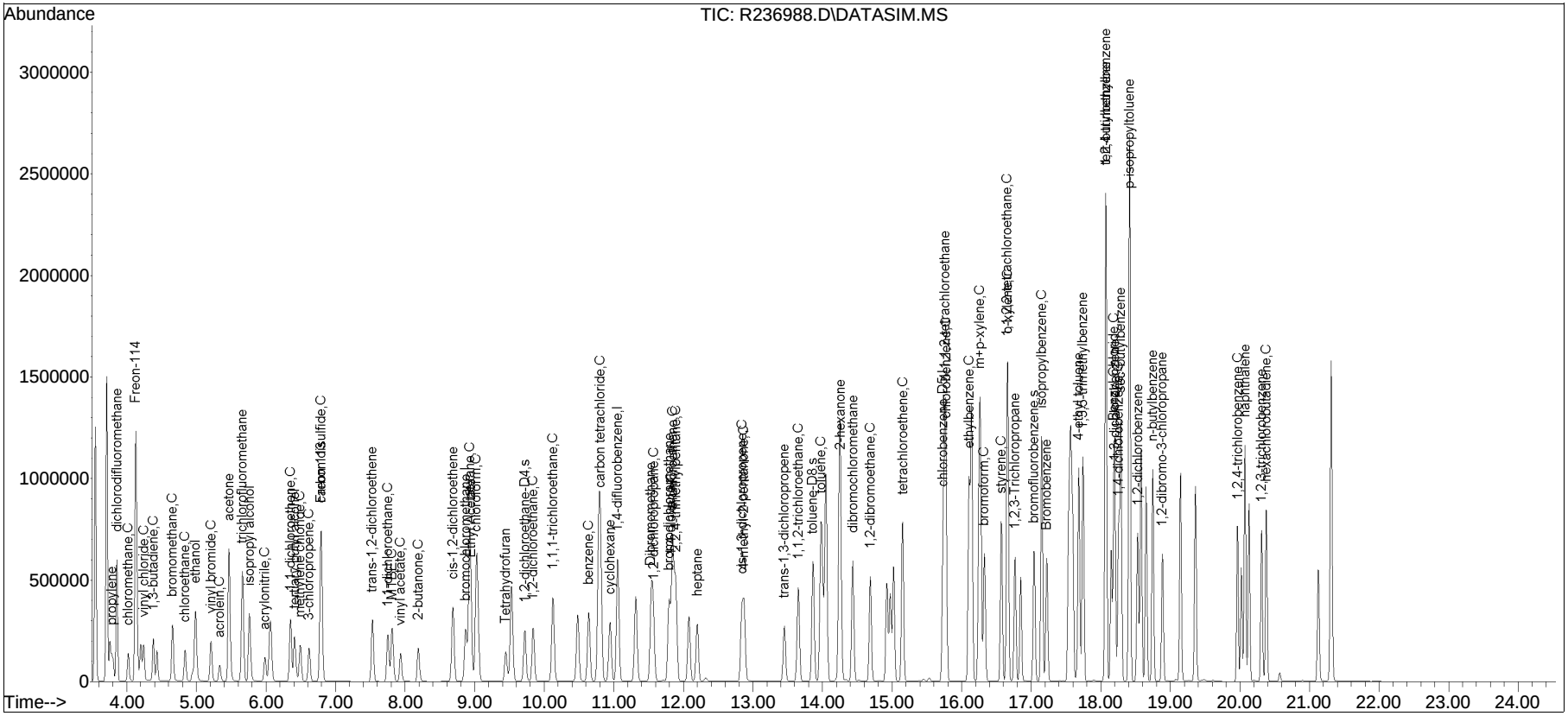
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.682	105	1146084	10.420	ppbV	99
71) 1,3,5-trimethylbenzene	17.743	105	1000542	10.185	ppbV	99
72) tert-butylbenzene	18.069	119	1428591	12.093	ppbV	100
73) 1,2,4-trimethylbenzene	18.069	105	1107854	10.455	ppbV	97
74) Benzyl Chloride	18.189	91	798934	11.004	ppbV	97
75) 1,3-dichlorobenzene	18.205	146	906653	10.671	ppbV	97
76) 1,4-dichlorobenzene	18.253	146	869283	10.288	ppbV	96
77) sec-butylbenzene	18.285	105	1544322	10.316	ppbV	98
78) p-isopropyltoluene	18.412	119	1530027	10.582	ppbV	100
79) 1,2-dichlorobenzene	18.532	146	859883	10.506	ppbV	97
80) n-butylbenzene	18.748	91	1226495	10.458	ppbV	95
81) 1,2-dibromo-3-chloropr...	18.883	75	345255	10.670	ppbV	98
82) 1,2,4-trichlorobenzene	19.967	180	871761	11.220	ppbV	99
83) naphthalene	20.073	128	1785233	10.754	ppbV	100
84) 1,2,3-trichlorobenzene	20.312	180	856177	11.082	ppbV	99
85) hexachlorobutadiene	20.376	225	712936	10.996	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236988.D
Acq On : 22 Nov 2025 01:14 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD010
Misc : WG2145606
ALS Vial : 7 Sample Multiplier: 1

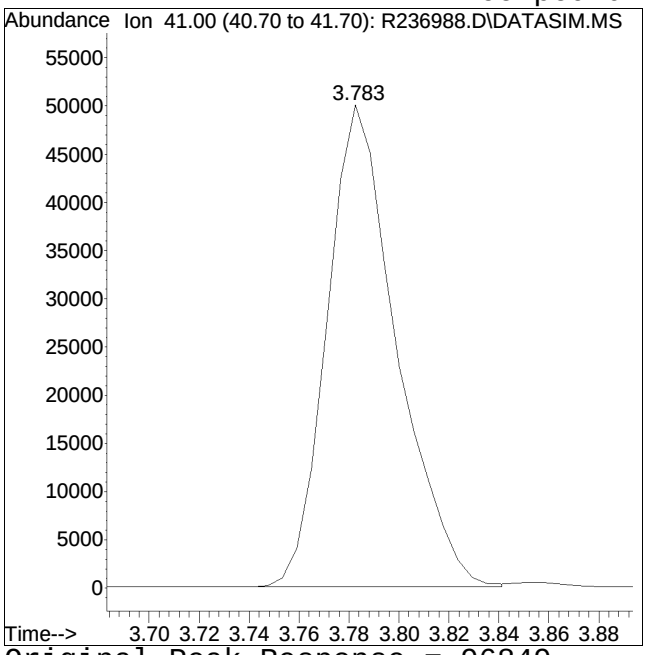
Quant Time: Nov 22 10:13:31 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration



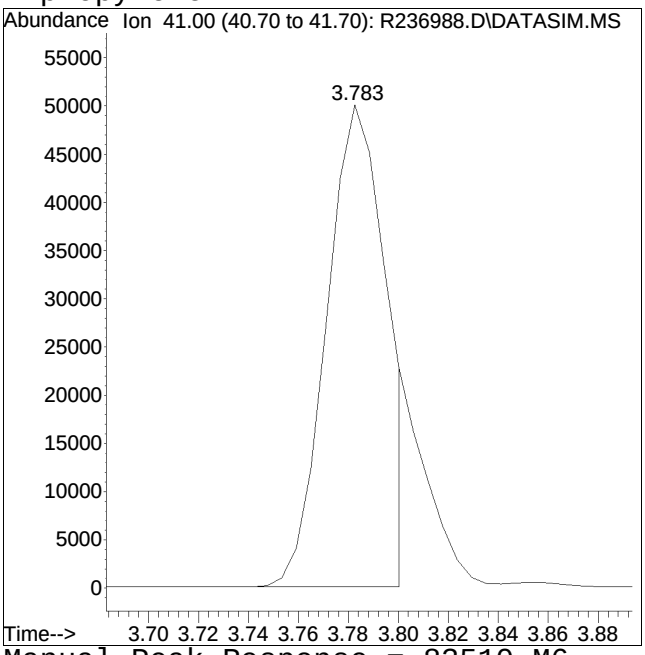
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236988.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 1:14 am Instrument : Airlab 23
Sample : ITO15-SIMSTD010 Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 96849



Manual Peak Response = 83510 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:39 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.874	49	238609	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 97.81%			
33) 1,4-difluorobenzene	11.060	114	1008310	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 96.00%			
51) chlorobenzene-D5	15.729	54	135344	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 96.49%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.721	65	276724	10.239	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.39%			
53) toluene-D8	13.866	98	844983	10.295	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.95%			
67) bromofluorobenzene	17.044	95	515238	10.445	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.45%			
Target Compounds						Qvalue
2) propylene	3.783	41	175196M6	20.491	ppbV	
3) dichlorodifluoromethane	3.853	85	1251935	19.156	ppbV	99
4) chloromethane	4.017	50	344554	20.269	ppbV	100
5) Freon-114	4.128	85	1473562	19.046	ppbV	96
6) vinyl chloride	4.239	62	446996	19.596	ppbV	100
7) 1,3-butadiene	4.380	54	284656	21.965	ppbV	99
8) bromomethane	4.655	94	558719	19.673	ppbV	100
9) chloroethane	4.836	64	264344	20.050	ppbV	99
10) ethanol	4.994	31	920487	105.080	ppbV	98
11) vinyl bromide	5.212	106	490728	22.086	ppbV	100
12) acrolein	5.335	56	155552	21.420	ppbV	98
13) acetone	5.469	43	2217414	108.206	ppbV	99
14) trichlorofluoromethane	5.662	101	1350901	19.955	ppbV	99
15) isopropyl alcohol	5.767	45	1178044	55.440	ppbV	100
16) acrylonitrile	5.989	53	258101	21.290	ppbV	100
17) 1,1-dichloroethene	6.351	61	784580	19.842	ppbV	99
18) tertiary butyl alcohol	6.412	59	496341	15.191	ppbV	98
19) methylene chloride	6.496	49	437345	22.456	ppbV	99
20) 3-chloropropene	6.625	41	311029	22.314	ppbV	98
21) carbon disulfide	6.793	76	1094074	21.356	ppbV	99
22) Freon 113	6.793	101	1057783	19.811	ppbV	98
23) trans-1,2-dichloroethene	7.534	61	550377	22.073	ppbV	97
24) 1,1-dichloroethane	7.756	63	740481	19.930	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:39 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.810	73	1071688	21.576	ppbV		100
26) vinyl acetate	7.940	43	680823	26.942	ppbV		100
27) 2-butanone	8.189	43	598939	22.315	ppbV		99
28) cis-1,2-dichloroethene	8.686	61	582255	20.177	ppbV		96
29) Ethyl Acetate	8.947	61	112788	22.544	ppbV		99
30) chloroform	9.029	83	1048703	19.842	ppbV		100
31) Tetrahydrofuran	9.444	42	276672	22.878	ppbV		98
32) 1,2-dichloroethane	9.844	62	640676	20.419	ppbV		99
34) hexane	8.931	57	485224	22.587	ppbV		97
36) 1,1,1-trichloroethane	10.129	97	1389979	21.061	ppbV		97
37) benzene	10.645	78	1415437	20.385	ppbV		99
38) carbon tetrachloride	10.815	117	1335876	20.731	ppbV		98
39) cyclohexane	10.947	56	491650	22.394	ppbV		100
40) Dibromomethane	11.541	93	710248	21.096	ppbV	#	95
41) 1,2-dichloropropane	11.569	63	453318	20.414	ppbV		99
42) bromodichloromethane	11.795	83	1148816	22.865	ppbV		100
43) 1,4-dioxane	11.833	88	331899	22.591	ppbV		96
44) trichloroethene	11.852	130	857297	20.700	ppbV		98
45) 2,2,4-trimethylpentane	11.889	57	1491990	22.626	ppbV		100
46) heptane	12.200	43	468770	22.876	ppbV		99
47) cis-1,3-dichloropropene	12.840	75	831047	21.829	ppbV		99
48) 4-methyl-2-pentanone	12.874	43	741761	22.484	ppbV		98
49) trans-1,3-dichloropropene	13.449	75	676219	22.358	ppbV		100
50) 1,1,2-trichloroethane	13.658	97	737743	20.912	ppbV		96
52) toluene	13.975	91	1856698	20.495	ppbV		98
54) 2-hexanone	14.259	43	718870	23.326	ppbV		99
55) dibromochloromethane	14.434	129	1425071	23.813	ppbV		99
56) 1,2-dibromoethane	14.684	107	1179245	21.158	ppbV		99
57) tetrachloroethene	15.151	166	1211036	21.290	ppbV		98
58) 1,1,1,2-tetrachloroethane	15.764	131	1071580	22.543	ppbV		99
59) chlorobenzene	15.773	112	1655649	20.880	ppbV		99
60) ethylbenzene	16.103	91	2445204	20.487	ppbV		97
61) m+p-xylene	16.260	91	3620211	40.903	ppbV		97
62) bromoform	16.330	173	1425422	25.296	ppbV		100
63) styrene	16.573	104	1530898	21.841	ppbV		99
64) 1,1,2,2-tetrachloroethane	16.660	83	1377234	20.550	ppbV		99
65) o-xylene	16.660	91	1850678	20.768	ppbV		98
66) 1,2,3-Trichloropropane	16.765	75	958593	20.937	ppbV		99
68) isopropylbenzene	17.157	105	2695178	21.293	ppbV		94
69) Bromobenzene	17.226	77	1197389	21.429	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:39 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

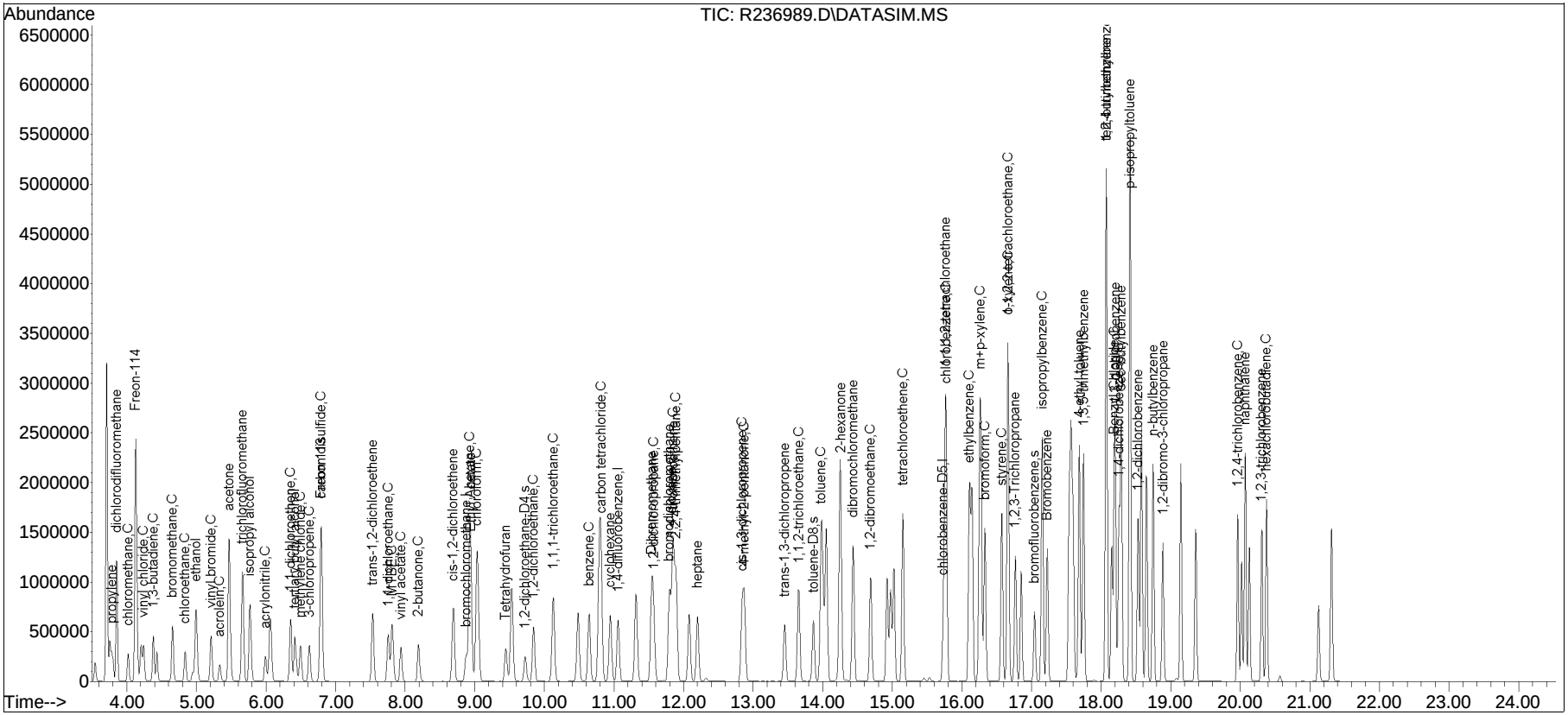
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.688	105	2541514	22.898	ppbV	98
71) 1,3,5-trimethylbenzene	17.749	105	2121654	21.403	ppbV	98
72) tert-butylbenzene	18.074	119	2611666	21.908	ppbV	96
73) 1,2,4-trimethylbenzene	18.074	105	2303387	21.543	ppbV	97
74) Benzyl Chloride	18.186	91	1869011	25.510	ppbV	97
75) 1,3-dichlorobenzene	18.202	146	2012675	23.475	ppbV	99
76) 1,4-dichlorobenzene	18.258	146	1846599	21.658	ppbV	99
77) sec-butylbenzene	18.290	105	3185723	21.089	ppbV	96
78) p-isopropyltoluene	18.418	119	3183525	21.819	ppbV	95
79) 1,2-dichlorobenzene	18.529	146	1858803	22.507	ppbV	99
80) n-butylbenzene	18.745	91	2542802	21.487	ppbV	94
81) 1,2-dibromo-3-chloropr...	18.889	75	741528	22.710	ppbV	96
82) 1,2,4-trichlorobenzene	19.961	180	1869828	23.848	ppbV	100
83) naphthalene	20.072	128	3518025	21.001	ppbV	100
84) 1,2,3-trichlorobenzene	20.306	180	1771365	22.721	ppbV	99
85) hexachlorobutadiene	20.376	225	1524175	23.297	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236989.D
Acq On : 22 Nov 2025 01:52 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD020
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

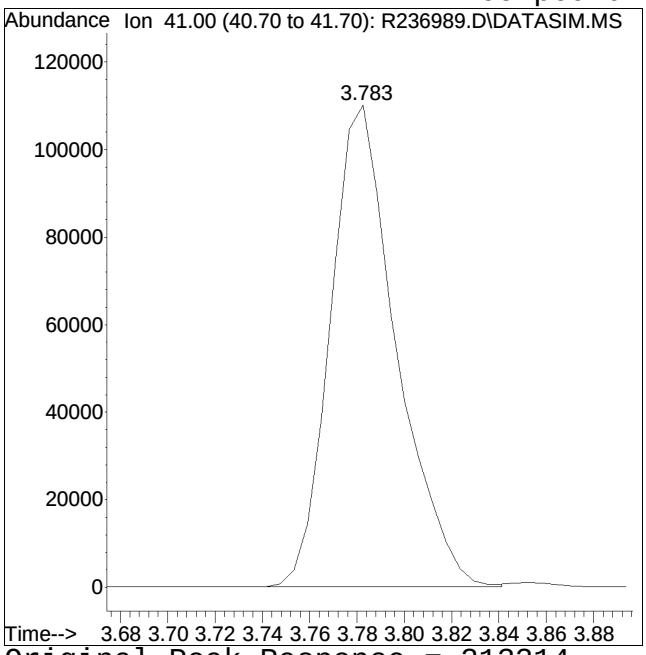
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Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration



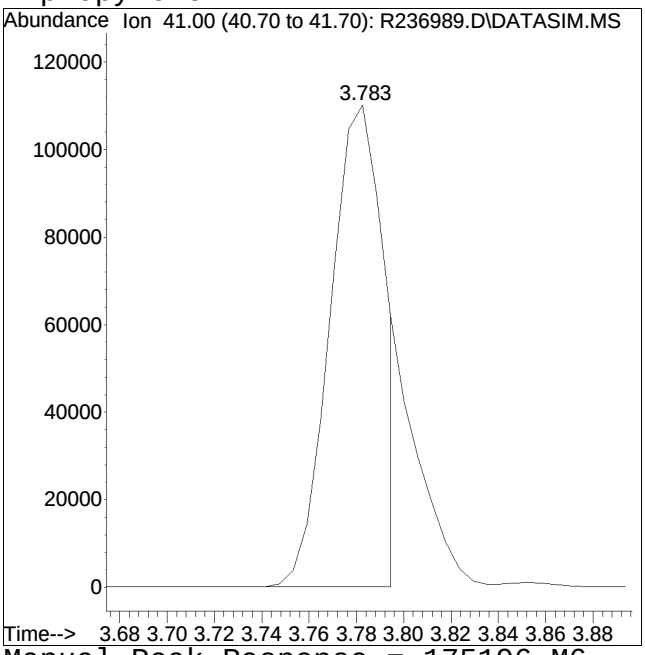
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R236989.D Operator : AIRLAB23:BJB
Date Inj'd : 11/22/2025 1:52 am Instrument : Airlab 23
Sample : ITO15-SIMSTD020 Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 213314



Manual Peak Response = 175196 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:47 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.876	49	239360	10.000	ppbV	0.01
Standard Area = 243961			Recovery = 98.11%			
33) 1,4-difluorobenzene	11.063	114	991494	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 94.40%			
51) chlorobenzene-D5	15.732	54	141473	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 100.86%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.732	65	274505	10.329	ppbV	0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.29%			
53) toluene-D8	13.869	98	830178	9.677	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.77%			
67) bromofluorobenzene	17.038	95	537694	10.428	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.28%			
Target Compounds						Qvalue
2) propylene	3.782	41	416091M6	48.513	ppbV	
3) dichlorodifluoromethane	3.859	85	2888212	44.055	ppbV	96
4) chloromethane	4.022	50	812705	47.659	ppbV	99
5) Freon-114	4.128	85	3281052	42.275	ppbV	95
6) vinyl chloride	4.245	62	1040620	45.478	ppbV	100
7) 1,3-butadiene	4.385	54	670884	51.604	ppbV	95
8) bromomethane	4.660	94	1275936	44.785	ppbV	99
9) chloroethane	4.842	64	615216	46.516	ppbV	99
10) ethanol	5.012	31	2201179	250.492	ppbV	98
11) vinyl bromide	5.218	106	1194126	53.576	ppbV	98
12) acrolein	5.340	56	381006	52.300	ppbV	98
13) acetone	5.475	43	5318189	258.705	ppbV	98
14) trichlorofluoromethane	5.668	101	3201498	47.143	ppbV	97
15) isopropyl alcohol	5.784	45	2890837	135.620	ppbV	100
16) acrylonitrile	6.001	53	704640	57.941	ppbV	99
17) 1,1-dichloroethene	6.356	61	1898242	47.856	ppbV	98
18) tertiary butyl alcohol	6.440	59	1144413	34.915	ppbV	98
19) methylene chloride	6.501	49	1054011	53.950	ppbV	100
20) 3-chloropropene	6.625	41	763838	54.627	ppbV	98
21) carbon disulfide	6.799	76	2605962	50.708	ppbV	100
22) Freon 113	6.793	101	2541059	47.442	ppbV	95
23) trans-1,2-dichloroethene	7.539	61	1313339	52.506	ppbV	97
24) 1,1-dichloroethane	7.761	63	1756756	47.134	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:47 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.815	73	2520735	50.589	ppbV		99
26) vinyl acetate	7.945	43	1775532	70.041	ppbV		100
27) 2-butanone	8.194	43	1451485	53.908	ppbV		100
28) cis-1,2-dichloroethene	8.697	61	1384780	47.838	ppbV		99
29) Ethyl Acetate	8.958	61	280255	55.842	ppbV		67
30) chloroform	9.039	83	2521047	47.550	ppbV		98
31) Tetrahydrofuran	9.447	42	683746	56.361	ppbV		97
32) 1,2-dichloroethane	9.854	62	1548951	49.212	ppbV		98
34) hexane	8.933	57	1213247	57.435	ppbV		85
36) 1,1,1-trichloroethane	10.132	97	3323165	51.208	ppbV		99
37) benzene	10.648	78	3314093	48.538	ppbV		99
38) carbon tetrachloride	10.817	117	3252708	51.335	ppbV		97
39) cyclohexane	10.949	56	1189155	55.083	ppbV		99
40) Dibromomethane	11.543	93	1708911	51.621	ppbV	#	90
41) 1,2-dichloropropane	11.572	63	1091653	49.993	ppbV		98
42) bromodichloromethane	11.798	83	2761481	55.895	ppbV		99
43) 1,4-dioxane	11.835	88	801826	55.504	ppbV		99
44) trichloroethene	11.854	130	2084416	51.183	ppbV		97
45) 2,2,4-trimethylpentane	11.892	57	3597722	55.486	ppbV		98
46) heptane	12.203	43	1175443	58.334	ppbV		97
47) cis-1,3-dichloropropene	12.843	75	2017141	53.882	ppbV		97
48) 4-methyl-2-pentanone	12.876	43	1801471	55.533	ppbV		99
49) trans-1,3-dichloropropene	13.460	75	1649711	55.469	ppbV		98
50) 1,1,2-trichloroethane	13.660	97	1755533	50.606	ppbV		97
52) toluene	13.986	91	4325145	45.675	ppbV		96
54) 2-hexanone	14.261	43	1839331	57.097	ppbV		100
55) dibromochloromethane	14.436	129	3508133	56.081	ppbV		99
56) 1,2-dibromoethane	14.695	107	2833129	48.630	ppbV		96
57) tetrachloroethene	15.154	166	3007087	50.574	ppbV		97
58) 1,1,1,2-tetrachloroethane	15.767	131	2694488	54.228	ppbV		98
59) chlorobenzene	15.775	112	3975775	47.967	ppbV		97
60) ethylbenzene	16.106	91	5688432	45.596	ppbV		92
61) m+p-xylene	16.263	91	8658583	93.592	ppbV		94
62) bromoform	16.333	173	3672391	62.349	ppbV		98
63) styrene	16.576	104	3698647	50.481	ppbV		99
64) 1,1,2,2-tetrachloroethane	16.655	83	3370300	48.111	ppbV		99
65) o-xylene	16.663	91	4530362	48.636	ppbV		95
66) 1,2,3-Trichloropropane	16.768	75	2379852	49.728	ppbV		97
68) isopropylbenzene	17.151	105	6252241	47.256	ppbV		90
69) Bromobenzene	17.221	77	3008610	51.511	ppbV		92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:47 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default - All compounds listed

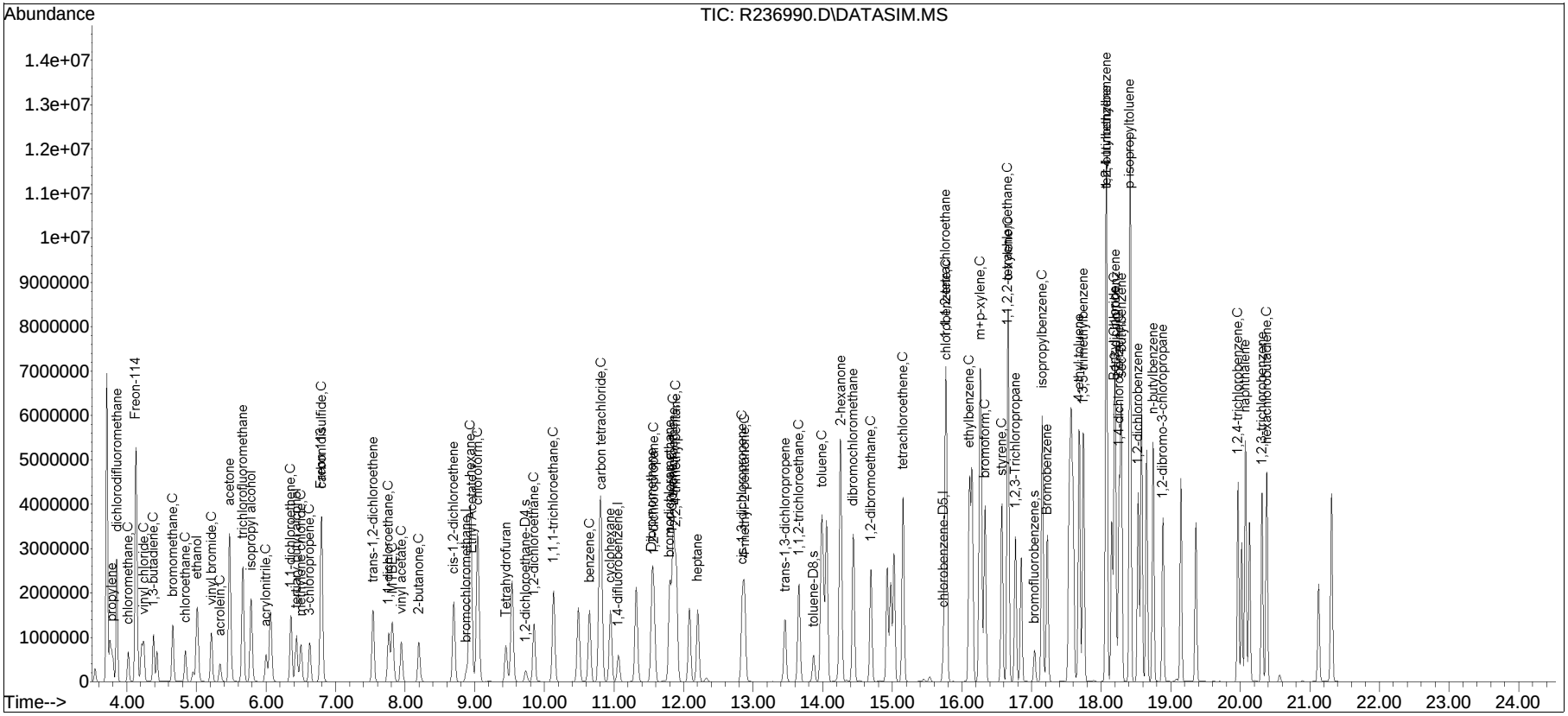
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 4-ethyl toluene	17.682	105	6041278	52.072	ppbV		94
71) 1,3,5-trimethylbenzene	17.743	105	5009822	48.348	ppbV		96
72) tert-butylbenzene	18.077	119	6022113	48.329	ppbV		91
73) 1,2,4-trimethylbenzene	18.077	105	5440774	48.681	ppbV		96
74) Benzyl Chloride	18.188	91	4946941	64.595	ppbV		93
75) 1,3-dichlorobenzene	18.204	146	4931054	55.023	ppbV		97
76) 1,4-dichlorobenzene	18.260	146	4952734	55.572	ppbV		98
77) sec-butylbenzene	18.292	105	7445350	47.151	ppbV	#	88
78) p-isopropyltoluene	18.412	119	7107289	46.602	ppbV		90
79) 1,2-dichlorobenzene	18.532	146	4792702	55.517	ppbV		99
80) n-butylbenzene	18.747	91	6045313	48.870	ppbV	#	86
81) 1,2-dibromo-3-chloropr...	18.883	75	2025000	59.331	ppbV		97
82) 1,2,4-trichlorobenzene	19.967	180	5011368	61.148	ppbV		99
83) naphthalene	20.072	128	8420724	48.090	ppbV		96
84) 1,2,3-trichlorobenzene	20.312	180	4820545	59.154	ppbV		99
85) hexachlorobutadiene	20.382	225	4110844	60.113	ppbV		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed1\1121SIM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236990.D
Acq On : 22 Nov 2025 02:30 am
Operator : AIRLAB23:BJB
Sample : ITO15-SIMSTD050
Misc : WG2145606
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 10:13:47 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Nov 22 10:12:24 2025
Response via : Initial Calibration

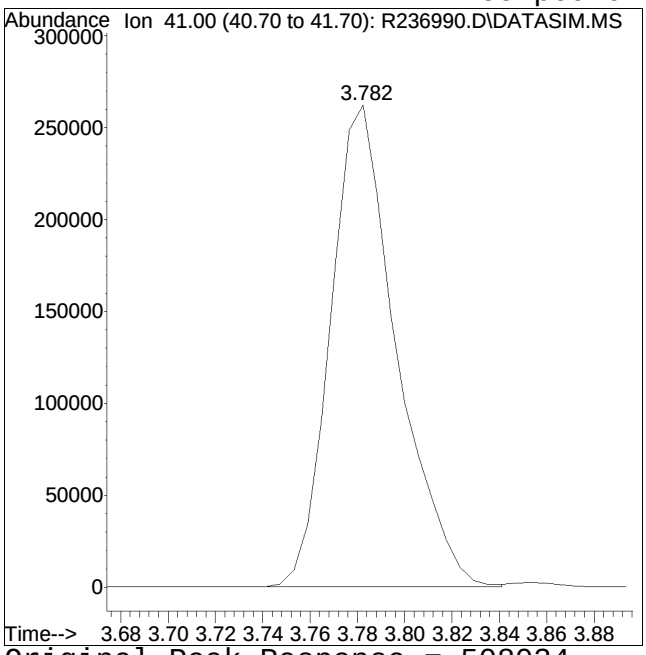


Manual Integration Report

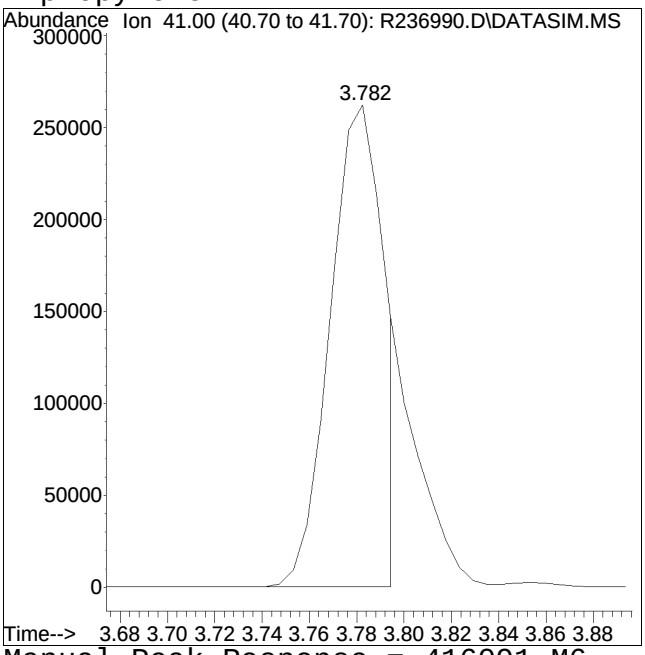
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236990.D
Date Inj'd : 11/22/2025 2:30 am
Sample : ITO15-SIMSTD050

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/22/2025 10:13 am

Compound #2: propylene



Original Peak Response = 508034



Manual Peak Response = 416091 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	100	0.00
2		propylene	0.382	0.384	-0.5	108	0.00
3		dichlorodifluoromethane	2.788	2.734	1.9	100	0.00
4	C	chloromethane	0.765	0.643	15.9	91	0.00
5		Freon-114	3.361	3.256	3.1	101	0.00
6	C	vinyl chloride	1.019	0.888	12.9	93	0.00
7	C	1,3-butadiene	0.624	0.558	10.6	103	0.00
8	C	bromomethane	1.223	1.157	5.4	98	0.00
9	C	chloroethane	0.588	0.513	12.8	93	0.00
10		ethanol	0.380	0.325	14.5	89	0.00
11	C	vinyl bromide	1.020	1.017	0.3	110	0.00
12	C	acrolein	0.321	0.243	24.3	80	0.00
13		acetone	0.963	0.893	7.3	104	0.00
14		trichlorofluoromethane	2.949	2.807	4.8	99	0.00
15		isopropyl alcohol	1.000	0.984	1.6	111	0.00
16	C	acrylonitrile	0.539	0.428	20.6	85	0.00
17	C	1,1-dichloroethene	1.695	1.619	4.5	98	0.00
18		tertiary butyl alcohol	1.153	1.182	-2.5	87	0.00
19	C	methylene chloride	0.930	0.905	2.7	111	0.00
20	C	3-chloropropene	0.646	0.630	2.5	108	0.00
21	C	carbon disulfide	2.374	2.204	7.2	103	0.00
22		Freon 113	2.371	2.171	8.4	97	0.00
23		trans-1,2-dichloroethene	1.158	1.090	5.9	105	0.00
24	C	1,1-dichloroethane	1.609	1.451	9.8	94	0.00
25	C	MTBE	2.300	2.194	4.6	106	0.00
26	C	vinyl acetate	1.367	0.725	47.0#	69	0.00
27	C	2-butanone	1.238	1.132	8.6	101	0.00
28		cis-1,2-dichloroethene	1.246	1.131	9.2	94	0.00
29		Ethyl Acetate	0.226	0.218	3.5	105	0.00
30	C	chloroform	2.335	2.050	12.2	93	0.00
31		Tetrahydrofuran	0.603	0.577	4.3	114	0.00
32	C	1,2-dichloroethane	1.373	1.201	12.5	92	0.00
33	I	1,4-difluorobenzene	1.000	1.000	0.0	95	0.00
34	C	hexane	0.244	0.266	-9.0	118	0.00
35	s	1,2-dichloroethane-D4	0.275	0.288	-4.7	102	0.00
36	C	1,1,1-trichloroethane	0.639	0.648	-1.4	94	0.00
37	C	benzene	0.715	0.653	8.7	90	0.00
38	C	carbon tetrachloride	0.674	0.654	3.0	97	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39		cyclohexane	0.247	0.244	1.2	106	0.00
40		Dibromomethane	0.353	0.314	11.0	89	0.00
41	C	1,2-dichloropropane	0.232	0.215	7.3	92	0.00
42		bromodichloromethane	0.548	0.557	-1.6	106	0.00
43	C	1,4-dioxane	0.158	0.160	-1.3	103	0.00
44	C	trichloroethene	0.430	0.415	3.5	96	0.00
45	C	2,2,4-trimethylpentane	0.760	0.758	0.3	110	0.00
46		heptane	0.230	0.232	-0.9	108	0.00
47	C	cis-1,3-dichloropropene	0.382	0.404	-5.8	101	0.00
48	C	4-methyl-2-pentanone	0.356	0.359	-0.8	104	0.00
49		trans-1,3-dichloropropene	0.301	0.357	-18.6	112	0.00
50	C	1,1,2-trichloroethane	0.361	0.346	4.2	94	0.00
51	I	chlorobenzene-D5	1.000	1.000	0.0	93	0.00
52	C	toluene	7.086	6.707	5.3	93	0.00
53	s	toluene-D8	6.121	6.406	-4.7	98	0.00
54		2-hexanone	2.471	2.514	-1.7	102	0.00
55		dibromochloromethane	5.039	5.260	-4.4	110	0.00
56	C	1,2-dibromoethane	4.347	4.353	-0.1	98	0.00
57	C	tetrachloroethene	4.611	4.400	4.6	97	0.00
58		1,1,1,2-tetrachloroethane	3.721	3.343	10.2	88	0.00
59	C	chlorobenzene	6.254	5.918	5.4	94	0.00
60	C	ethylbenzene	9.153	8.633	5.7	91	0.00
61	C	m+p-xylene	6.900	6.691	3.0	95	0.00
62	C	bromoform	4.718	4.933	-4.6	110	0.00
63	C	styrene	5.312	5.333	-0.4	95	0.00
64	C	1,1,2,2-tetrachloroethane	5.188	4.928	5.0	92	0.00
65	C	o-xylene	7.028	6.664	5.2	94	0.00
66		1,2,3-Trichloropropane	3.632	3.248	10.6	89	0.00
67	s	bromofluorobenzene	3.718	3.898	-4.8	99	0.00
68	C	isopropylbenzene	9.775	9.064	7.3	90	0.00
69		Bromobenzene	4.404	3.934	10.7	88	0.00
70		4-ethyl toluene	9.106	9.220	-1.3	104	0.00
71		1,3,5-trimethylbenzene	7.679	7.764	-1.1	98	0.00
72		tert-butylbenzene	9.463	8.565	9.5	90	0.00
73		1,2,4-trimethylbenzene	8.146	8.209	-0.8	96	0.00
74	C	Benzyl Chloride	5.375	4.890	9.0	84	0.00
75		1,3-dichlorobenzene	6.718	6.830	-1.7	100	0.00
76	C	1,4-dichlorobenzene	6.512	6.204	4.7	91	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77		sec-butylbenzene	11.741	10.500	10.6	87	0.00
78		p-isopropyltoluene	11.133	10.150	8.8	87	0.00
79		1,2-dichlorobenzene	6.385	6.218	2.6	94	0.00
80		n-butylbenzene	8.938	8.676	2.9	92	0.00
81		1,2-dibromo-3-chloropropane	2.369	2.131	10.0	82	0.00
82	C	1,2,4-trichlorobenzene	5.392	6.207	-15.1	99	0.00
83		naphthalene	10.464	10.871	-3.9	81	0.00
84		1,2,3-trichlorobenzene	5.350	5.518	-3.1	89	0.00
85	C	hexachlorobutadiene	4.844	5.097	-5.2	98	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.865	49	244984	10.000	ppbV	0.00
Standard Area = 243961			Recovery = 100.42%			
33) 1,4-difluorobenzene	11.050	114	992878	10.000	ppbV	0.00
Standard Area = 1050358			Recovery = 94.53%			
51) chlorobenzene-D5	15.728	54	130009	10.000	ppbV	0.00
Standard Area = 140272			Recovery = 92.68%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	9.713	65	286277	10.477	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.77%			
53) toluene-D8	13.857	98	832814	10.466	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.66%			
67) bromofluorobenzene	17.043	95	506813	10.485	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.85%			
Target Compounds						Qvalue
2) propylene	3.783	41	47065M6	5.027	ppbV	
3) dichlorodifluoromethane	3.853	85	334865	4.902	ppbV	100
4) chloromethane	4.017	50	78768	4.204	ppbV	99
5) Freon-114	4.122	85	398795	4.844	ppbV	99
6) vinyl chloride	4.239	62	108714	4.355	ppbV	100
7) 1,3-butadiene	4.380	54	68322	4.467	ppbV	96
8) bromomethane	4.655	94	141771	4.733	ppbV	100
9) chloroethane	4.836	64	62860	4.367	ppbV	99
10) ethanol	4.977	31	198871	21.362	ppbV	100
11) vinyl bromide	5.206	106	124544	4.986	ppbV	100
12) acrolein	5.335	56	29788	3.787	ppbV	100
13) acetone	5.463	43	547043	23.177	ppbV	98
14) trichlorofluoromethane	5.656	101	343845	4.759	ppbV	100
15) isopropyl alcohol	5.755	45	301236	12.297	ppbV	100
16) acrylonitrile	5.983	53	52481	3.975	ppbV	100
17) 1,1-dichloroethene	6.351	61	198260	4.774	ppbV	98
18) tertiary butyl alcohol	6.407	59	144749	5.126	ppbV	99
19) methylene chloride	6.490	49	110854	4.863	ppbV	99
20) 3-chloropropene	6.619	41	77210	4.876	ppbV	99
21) carbon disulfide	6.793	76	269923	4.641	ppbV	100
22) Freon 113	6.787	101	265960	4.578	ppbV	97
23) trans-1,2-dichloroethene	7.528	61	133566	4.709	ppbV	98
24) 1,1-dichloroethane	7.750	63	177752	4.510	ppbV	100

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	7.815	73	268764	4.770	ppbV		100
26) vinyl acetate	7.934	43	88834	2.653	ppbV		100
27) 2-butanone	8.188	43	138699	4.574	ppbV		100
28) cis-1,2-dichloroethene	8.678	61	138531	4.540	ppbV		95
29) Ethyl Acetate	8.947	61	26731	4.832	ppbV		92
30) chloroform	9.020	83	251114	4.390	ppbV		100
31) Tetrahydrofuran	9.444	42	70684	4.788	ppbV		94
32) 1,2-dichloroethane	9.835	62	147153	4.374	ppbV		100
34) hexane	8.930	57	132274	5.456	ppbV		84
36) 1,1,1-trichloroethane	10.120	97	321858	5.072	ppbV		99
37) benzene	10.635	78	324277	4.566	ppbV		100
38) carbon tetrachloride	10.805	117	324915	4.854	ppbV		99
39) cyclohexane	10.946	56	121015	4.933	ppbV		99
40) Dibromomethane	11.531	93	155680	4.440	ppbV	#	94
41) 1,2-dichloropropane	11.568	63	106865	4.641	ppbV		100
42) bromodichloromethane	11.794	83	276752	5.089	ppbV		100
43) 1,4-dioxane	11.832	88	79196	5.039	ppbV		99
44) trichloroethene	11.842	130	206021	4.821	ppbV		99
45) 2,2,4-trimethylpentane	11.889	57	376126	4.983	ppbV		100
46) heptane	12.200	43	115314	5.043	ppbV		99
47) cis-1,3-dichloropropene	12.840	75	200520	5.288	ppbV		100
48) 4-methyl-2-pentanone	12.873	43	178275	5.045	ppbV		100
49) trans-1,3-dichloropropene	13.449	75	177077	5.931	ppbV		100
50) 1,1,2-trichloroethane	13.649	97	171957	4.804	ppbV		99
52) toluene	13.974	91	435983	4.732	ppbV		100
54) 2-hexanone	14.266	43	163431	5.088	ppbV	#	92
55) dibromochloromethane	14.433	129	341896	5.219	ppbV		100
56) 1,2-dibromoethane	14.683	107	282943	5.006	ppbV		100
57) tetrachloroethene	15.150	166	286014	4.771	ppbV		98
58) 1,1,1,2-tetrachloroethane	15.763	131	217288	4.492	ppbV		100
59) chlorobenzene	15.772	112	384694	4.731	ppbV		99
60) ethylbenzene	16.103	91	561212	4.716	ppbV		99
61) m+p-xylene	16.259	91	869888	9.697	ppbV		100
62) bromoform	16.329	173	320640	5.227	ppbV		100
63) styrene	16.573	104	346653	5.019	ppbV		100
64) 1,1,2,2-tetrachloroethane	16.660	83	320336	4.749	ppbV		100
65) o-xylene	16.660	91	433217	4.742	ppbV		100
66) 1,2,3-Trichloropropane	16.764	75	211146	4.471	ppbV		99
68) isopropylbenzene	17.156	105	589211	4.636	ppbV		97
69) Bromobenzene	17.226	77	255749	4.466	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\R236987.D
Sub List : Default-ICV-AP2 - All compounds listed

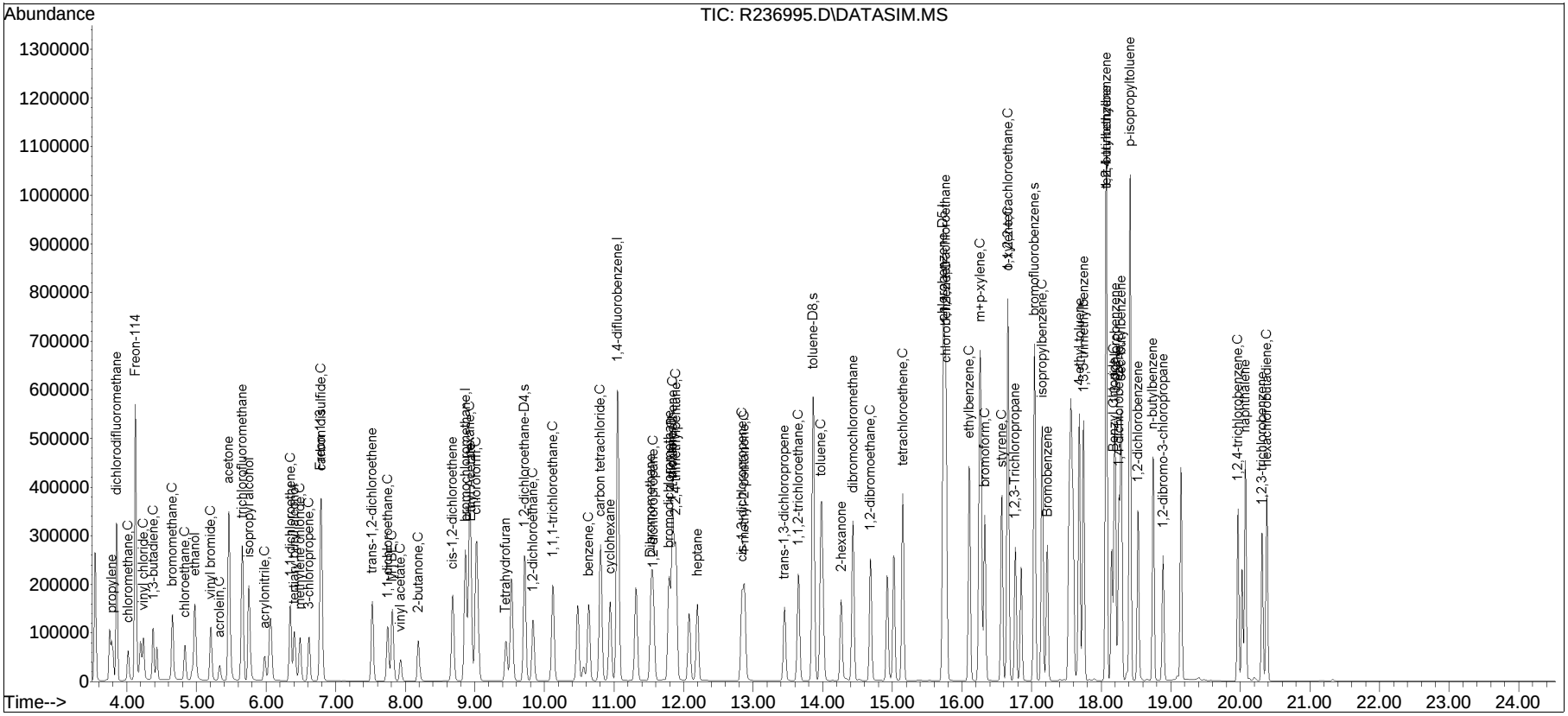
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	17.687	105	599342	5.063	ppbV	100
71) 1,3,5-trimethylbenzene	17.748	105	504705	5.056	ppbV	100
72) tert-butylbenzene	18.074	119	556786	4.526	ppbV	100
73) 1,2,4-trimethylbenzene	18.074	105	533654	5.039	ppbV	97
74) Benzyl Chloride	18.185	91	317901	4.550	ppbV	100
75) 1,3-dichlorobenzene	18.201	146	444012	5.083	ppbV	99
76) 1,4-dichlorobenzene	18.257	146	403290	4.764	ppbV	100
77) sec-butylbenzene	18.289	105	682556	4.472	ppbV	100
78) p-isopropyltoluene	18.417	119	659782	4.558	ppbV	99
79) 1,2-dichlorobenzene	18.529	146	404189	4.869	ppbV	99
80) n-butylbenzene	18.744	91	563967	4.853	ppbV	100
81) 1,2-dibromo-3-chloropr...	18.888	75	138535	4.498	ppbV	97
82) 1,2,4-trichlorobenzene	19.966	180	403487	5.756	ppbV	100
83) naphthalene	20.071	128	706670	5.195	ppbV	100
84) 1,2,3-trichlorobenzene	20.311	180	358683	5.157	ppbV	99
85) hexachlorobutadiene	20.381	225	331357	5.261	ppbV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listedM_I\R236987.D

Data Path : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\
Data File : R236995.D
Acq On : 22 Nov 2025 05:56 am
Operator : AIRLAB23:BJB
Sample : CTO15-SIMSTD5.0
Misc : WG2145606
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 16:05:21 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\11\1121SIM_I\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

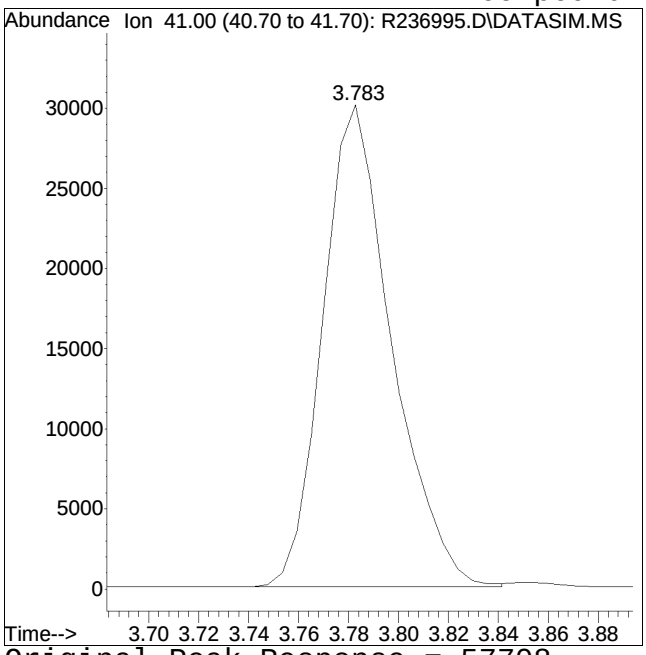


Manual Integration Report

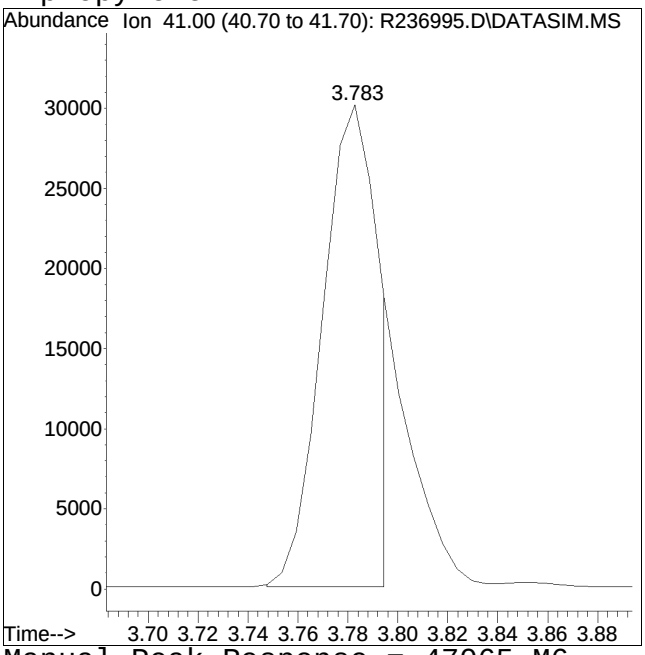
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R236995.D
Date Inj'd : 11/22/2025 5:56 am
Sample : CTO15-SIMSTD5.0

Method : TSIM23_251121.M
Operator : AIRLAB23:BJB
Instrument : Airlab 23
Quant Date : 11/23/2025 4:05 pm

Compound #2: propylene



Original Peak Response = 57708



Manual Peak Response = 47065 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		Lab Number	: L2576049	
Project Name	: LIRR-NPY-RHY		Project Number	: 000639300	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 16:19	
Lab File ID	: R237279		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152815-2		Init. Calib. Times	: 20:44	02:30
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	75	0
propylene	0.382	0.424	-	-11	30	89	.01
dichlorodifluoromethane	2.788	2.998	-	-7.5	30	82	.01
chloromethane	0.765	0.808	-	-5.6	30	85	.01
Freon-114	3.361	3.923	-	-16.7	30	91	.01
vinyl chloride	1.019	1.151	-	-13	30	90	.01
1,3-butadiene	0.624	0.7	-	-12.2	30	97	.01
bromomethane	1.223	1.452	-	-18.7	30	92	.01
chloroethane	0.588	0.669	-	-13.8	30	91	.01
ethanol	0.38	0.307	-	19.2	30	63	.01
vinyl bromide	1.02	1.053	-	-3.2	30	85	.01
acrolein	0.321	0.275	-	14.3	30	68	.01
acetone	0.963	0.993	-	-3.1	30	87	.01
trichlorofluoromethane	2.949	2.927	-	0.7	30	78	.01
isopropyl alcohol	1	0.85	-	15	30	72	.01
acrylonitrile	0.539	0.501	-	7.1	30	74	.01
1,1-dichloroethene	1.695	1.826	-	-7.7	30	83	.01
tertiary butyl alcohol	1.153	0.918	-	20.4	30	50	0
methylene chloride	0.93	0.902	-	3	30	83	.01
3-chloropropene	0.646	0.662	-	-2.5	30	85	.01
carbon disulfide	2.374	2.527	-	-6.4	30	88	.01
Freon 113	2.371	2.36	-	0.5	30	79	0
trans-1,2-dichloroethene	1.158	1.201	-	-3.7	30	86	.01
1,1-dichloroethane	1.609	1.688	-	-4.9	30	81	0
MTBE	2.3	2.257	-	1.9	30	81	.01
vinyl acetate	1.367	0.823	-	39.8*	30	58	0
2-butanone	1.238	1.228	-	0.8	30	82	0
cis-1,2-dichloroethene	1.246	1.267	-	-1.7	30	79	0
Ethyl Acetate	0.226	0.254	-	-12.4	30	91	0
chloroform	2.335	2.312	-	1	30	78	0
Tetrahydrofuran	0.603	0.609	-	-1	30	90	0
1,2-dichloroethane	1.373	1.338	-	2.5	30	76	.01
1,4-difluorobenzene	1	1	-	0	30	74	0
hexane	0.244	0.259	-	-6.1	30	90	.01
1,1,1-trichloroethane	0.639	0.653	-	-2.2	30	74	.01
benzene	0.715	0.712	-	0.4	30	77	0
carbon tetrachloride	0.674	0.622	-	7.7	30	72	.01
cyclohexane	0.247	0.256	-	-3.6	30	88	0
Dibromomethane	0.353	0.319	-	9.6	30	71	0
1,2-dichloropropane	0.232	0.243	-	-4.7	30	82	0
bromodichloromethane	0.548	0.575	-	-4.9	30	86	0
1,4-dioxane	0.158	0.161	-	-1.9	30	82	0
trichloroethene	0.43	0.398	-	7.4	30	72	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		Lab Number	: L2576049	
Project Name	: LIRR-NPY-RHY		Project Number	: 000639300	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 16:19	
Lab File ID	: R237279		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152815-2		Init. Calib. Times	: 20:44	02:30
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2,2,4-trimethylpentane	0.76	0.827	-	-8.8	30	94	0
heptane	0.23	0.239	-	-3.9	30	88	0
cis-1,3-dichloropropene	0.382	0.422	-	-10.5	30	83	0
4-methyl-2-pentanone	0.356	0.361	-	-1.4	30	82	0
trans-1,3-dichloropropene	0.301	0.368	-	-22.3	30	91	0
1,1,2-trichloroethane	0.361	0.361	-	0	30	77	0
chlorobenzene-D5	1	1	-	0	30	76	0
toluene	7.086	6.744	-	4.8	30	77	0
2-hexanone	2.471	2.393	-	3.2	30	80	0
dibromochloromethane	5.039	4.756	-	5.6	30	82	0
1,2-dibromoethane	4.347	4.232	-	2.6	30	78	0
tetrachloroethene	4.611	3.816	-	17.2	30	69	0
1,1,1,2-tetrachloroethane	3.721	3.046	-	18.1	30	66	0
chlorobenzene	6.254	5.723	-	8.5	30	74	0
ethylbenzene	9.153	8.448	-	7.7	30	73	0
m+p-xylene	6.9	6.546	-	5.1	30	76	0
bromoform	4.718	4.206	-	10.9	30	77	0
styrene	5.312	4.954	-	6.7	30	73	0
1,1,2,2-tetrachloroethane	5.188	5.228	-	-0.8	30	80	0
o-xylene	7.028	6.647	-	5.4	30	77	0
1,2,3-Trichloropropane	3.632	3.316	-	8.7	30	74	0
isopropylbenzene	9.775	8.564	-	12.4	30	70	0
Bromobenzene	4.404	3.9	-	11.4	30	72	0
4-ethyl toluene	9.106	8.908	-	2.2	30	83	0
1,3,5-trimethylbenzene	7.679	7.333	-	4.5	30	76	0
tert-butylbenzene	9.463	7.965	-	15.8	30	69	0
1,2,4-trimethylbenzene	8.146	7.978	-	2.1	30	77	0
Benzyl Chloride	5.375	4.727	-	12.1	30	66	0
1,3-dichlorobenzene	6.718	6.12	-	8.9	30	73	0
1,4-dichlorobenzene	6.512	5.845	-	10.2	30	70	0
sec-butylbenzene	11.741	10.216	-	13	30	70	0
p-isopropyltoluene	11.133	9.577	-	14	30	67	0
1,2-dichlorobenzene	6.385	5.748	-	10	30	72	0
n-butylbenzene	8.938	8.613	-	3.6	30	75	0
1,2-dibromo-3-chloropropan	2.369	2.031	-	14.3	30	64	0
1,2,4-trichlorobenzene	5.392	5.231	-	3	30	69	0
naphthalene	10.464	9.711	-	7.2	30	60	0
1,2,3-trichlorobenzene	5.35	4.556	-	14.8	30	60	0
hexachlorobutadiene	4.844	4.363	-	9.9	30	69	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	75	0.00
2		propylene	0.382	0.424	-11.0	89	0.01
3		dichlorodifluoromethane	2.788	2.998	-7.5	82	0.01
4	C	chloromethane	0.765	0.808	-5.6	85	0.01
5		Freon-114	3.361	3.923	-16.7	91	0.01
6	C	vinyl chloride	1.019	1.151	-13.0	90	0.01
7	C	1,3-butadiene	0.624	0.700	-12.2	97	0.01
8	C	bromomethane	1.223	1.452	-18.7	92	0.01
9	C	chloroethane	0.588	0.669	-13.8	91	0.01
10		ethanol	0.380	0.307	19.2	63	0.01
11	C	vinyl bromide	1.020	1.053	-3.2	85	0.01
12	C	acrolein	0.321	0.275	14.3	68	0.01
13		acetone	0.963	0.993	-3.1	87	0.01
14		trichlorofluoromethane	2.949	2.927	0.7	78	0.01
15		isopropyl alcohol	1.000	0.850	15.0	72	0.01
16	C	acrylonitrile	0.539	0.501	7.1	74	0.01
17	C	1,1-dichloroethene	1.695	1.826	-7.7	83	0.01
18		tertiary butyl alcohol	1.153	0.918	20.4	50#	0.00
19	C	methylene chloride	0.930	0.902	3.0	83	0.01
20	C	3-chloropropene	0.646	0.662	-2.5	85	0.01
21	C	carbon disulfide	2.374	2.527	-6.4	88	0.01
22		Freon 113	2.371	2.360	0.5	79	0.00
23		trans-1,2-dichloroethene	1.158	1.201	-3.7	86	0.01
24	C	1,1-dichloroethane	1.609	1.688	-4.9	81	0.00
25	C	MTBE	2.300	2.257	1.9	81	0.01
26	C	vinyl acetate	1.367	0.823	39.8#	58#	0.00
27	C	2-butanone	1.238	1.228	0.8	82	0.00
28		cis-1,2-dichloroethene	1.246	1.267	-1.7	79	0.00
29		Ethyl Acetate	0.226	0.254	-12.4	91	0.00
30	C	chloroform	2.335	2.312	1.0	78	0.00
31		Tetrahydrofuran	0.603	0.609	-1.0	90	0.00
32	C	1,2-dichloroethane	1.373	1.338	2.5	76	0.01
33	I	1,4-difluorobenzene	1.000	1.000	0.0	74	0.00
34	C	hexane	0.244	0.259	-6.1	90	0.01
36	C	1,1,1-trichloroethane	0.639	0.653	-2.2	74	0.01
37	C	benzene	0.715	0.712	0.4	77	0.00
38	C	carbon tetrachloride	0.674	0.622	7.7	72	0.01
39		cyclohexane	0.247	0.256	-3.6	88	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40		Dibromomethane	0.353	0.319	9.6	71	0.00
41	C	1,2-dichloropropane	0.232	0.243	-4.7	82	0.00
42		bromodichloromethane	0.548	0.575	-4.9	86	0.00
43	C	1,4-dioxane	0.158	0.161	-1.9	82	0.00
44	C	trichloroethene	0.430	0.398	7.4	72	0.00
45	C	2,2,4-trimethylpentane	0.760	0.827	-8.8	94	0.00
46		heptane	0.230	0.239	-3.9	88	0.00
47	C	cis-1,3-dichloropropene	0.382	0.422	-10.5	83	0.00
48	C	4-methyl-2-pentanone	0.356	0.361	-1.4	82	0.00
49		trans-1,3-dichloropropene	0.301	0.368	-22.3	91	0.00
50	C	1,1,2-trichloroethane	0.361	0.361	0.0	77	0.00
51	I	chlorobenzene-D5	1.000	1.000	0.0	76	0.00
52	C	toluene	7.086	6.744	4.8	77	0.00
54		2-hexanone	2.471	2.393	3.2	80	0.00
55		dibromochloromethane	5.039	4.756	5.6	82	0.00
56	C	1,2-dibromoethane	4.347	4.232	2.6	78	0.00
57	C	tetrachloroethene	4.611	3.816	17.2	69	0.00
58		1,1,1,2-tetrachloroethane	3.721	3.046	18.1	66	0.00
59	C	chlorobenzene	6.254	5.723	8.5	74	0.00
60	C	ethylbenzene	9.153	8.448	7.7	73	0.00
61	C	m+p-xylene	6.900	6.546	5.1	76	0.00
62	C	bromoform	4.718	4.206	10.9	77	0.00
63	C	styrene	5.312	4.954	6.7	73	0.00
64	C	1,1,2,2-tetrachloroethane	5.188	5.228	-0.8	80	0.00
65	C	o-xylene	7.028	6.647	5.4	77	0.00
66		1,2,3-Trichloropropane	3.632	3.316	8.7	74	0.00
68	C	isopropylbenzene	9.775	8.564	12.4	70	0.00
69		Bromobenzene	4.404	3.900	11.4	72	0.00
70		4-ethyl toluene	9.106	8.908	2.2	83	0.00
71		1,3,5-trimethylbenzene	7.679	7.333	4.5	76	0.00
72		tert-butylbenzene	9.463	7.965	15.8	69	0.00
73		1,2,4-trimethylbenzene	8.146	7.978	2.1	77	0.00
74	C	Benzyl Chloride	5.375	4.727	12.1	66	0.00
75		1,3-dichlorobenzene	6.718	6.120	8.9	73	0.00
76	C	1,4-dichlorobenzene	6.512	5.845	10.2	70	0.00
77		sec-butylbenzene	11.741	10.216	13.0	70	0.00
78		p-isopropyltoluene	11.133	9.577	14.0	67	0.00
79		1,2-dichlorobenzene	6.385	5.748	10.0	72	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
80	n-butylbenzene	8.938	8.613	3.6	75	0.00
81	1,2-dibromo-3-chloropropane	2.369	2.031	14.3	64	0.00
82 C	1,2,4-trichlorobenzene	5.392	5.231	3.0	69	0.00
83	naphthalene	10.464	9.711	7.2	60#	0.00
84	1,2,3-trichlorobenzene	5.350	4.556	14.8	60	0.00
85 C	hexachlorobutadiene	4.844	4.363	9.9	69	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.868	49	183371	10.000	ppbV	0.00
Standard Area = 183371			Recovery = 100.00%			
33) 1,4-difluorobenzene	11.062	114	781173	10.000	ppbV	0.00
Standard Area = 781173			Recovery = 100.00%			
51) chlorobenzene-D5	15.732	54	106557	10.000	ppbV	0.00
Standard Area = 106557			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) propylene	3.794	41	38881M6	5.549	ppbV	
3) dichlorodifluoromethane	3.870	85	274881	5.376	ppbV	100
4) chloromethane	4.034	50	74118	5.285	ppbV	100
5) Freon-114	4.140	85	359715	5.837	ppbV	94
6) vinyl chloride	4.257	62	105492	5.646	ppbV	100
7) 1,3-butadiene	4.391	54	64143	5.602	ppbV	91
8) bromomethane	4.672	94	133135	5.938	ppbV	99
9) chloroethane	4.848	64	61297	5.689	ppbV	97
10) ethanol	4.988	31	140954	20.229	ppbV	86
11) vinyl bromide	5.223	106	96580	5.166	ppbV	99
12) acrolein	5.346	56	25238	4.287	ppbV	94
13) acetone	5.481	43	455328	25.773	ppbV	95
14) trichlorofluoromethane	5.673	101	268334	4.962	ppbV	100
15) isopropyl alcohol	5.767	45	194779	10.623	ppbV	99
16) acrylonitrile	5.995	53	45959	4.651	ppbV	99
17) 1,1-dichloroethene	6.361	61	167432	5.386	ppbV	98
18) tertiary butyl alcohol	6.412	59	84166	3.982	ppbV	97
19) methylene chloride	6.501	49	82734	4.849	ppbV	98
20) 3-chloropropene	6.630	41	60719	5.123	ppbV	96
21) carbon disulfide	6.804	76	231694	5.322	ppbV	96
22) Freon 113	6.798	101	216336	4.975	ppbV	95
23) trans-1,2-dichloroethene	7.539	61	110121	5.187	ppbV	98
24) 1,1-dichloroethane	7.755	63	154780	5.247	ppbV	100
25) MTBE	7.826	73	206921	4.906	ppbV	98
26) vinyl acetate	7.939	43	75461	3.011	ppbV	99
27) 2-butanone	8.194	43	112611	4.962	ppbV	99
28) cis-1,2-dichloroethene	8.689	61	116194	5.087	ppbV	93
29) Ethyl Acetate	8.949	61	23317	5.632	ppbV	99
30) chloroform	9.023	83	211943	4.951	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Tetrahydrofuran	9.455	42	55821	5.052	ppbV		99
32) 1,2-dichloroethane	9.846	62	122676	4.871	ppbV		99
34) hexane	8.941	57	101223	5.307	ppbV		95
36) 1,1,1-trichloroethane	10.131	97	254915	5.106	ppbV		99
37) benzene	10.638	78	278055	4.976	ppbV		100
38) carbon tetrachloride	10.817	117	242858	4.612	ppbV		99
39) cyclohexane	10.949	56	100160	5.190	ppbV		95
40) Dibromomethane	11.543	93	124788	4.524	ppbV	#	89
41) 1,2-dichloropropane	11.571	63	94788	5.233	ppbV		97
42) bromodichloromethane	11.797	83	224521	5.247	ppbV		99
43) 1,4-dioxane	11.835	88	63054	5.099	ppbV		97
44) trichloroethene	11.844	130	155600	4.628	ppbV		98
45) 2,2,4-trimethylpentane	11.892	57	323005	5.439	ppbV		96
46) heptane	12.203	43	93457	5.194	ppbV		96
47) cis-1,3-dichloropropene	12.842	75	164984	5.530	ppbV		96
48) 4-methyl-2-pentanone	12.876	43	140906	5.068	ppbV		97
49) trans-1,3-dichloropropene	13.451	75	143735	6.119	ppbV		96
50) 1,1,2-trichloroethane	13.652	97	141121	5.011	ppbV		98
52) toluene	13.977	91	359285	4.758	ppbV		99
54) 2-hexanone	14.269	43	127490	4.842	ppbV	#	96
55) dibromochloromethane	14.436	129	253391	4.720	ppbV		100
56) 1,2-dibromoethane	14.686	107	225476	4.867	ppbV		99
57) tetrachloroethene	15.153	166	203337	4.138	ppbV		97
58) 1,1,1,2-tetrachloroethane	15.758	131	162309	4.094	ppbV		97
59) chlorobenzene	15.775	112	304905	4.575	ppbV		99
60) ethylbenzene	16.106	91	450116	4.615	ppbV		99
61) m+p-xylene	16.263	91	697528	9.487	ppbV		98
62) bromoform	16.323	173	224114	4.458	ppbV		99
63) styrene	16.567	104	263938	4.663	ppbV		98
64) 1,1,2,2-tetrachloroethane	16.654	83	278545	5.038	ppbV		99
65) o-xylene	16.663	91	354155	4.729	ppbV		99
66) 1,2,3-Trichloropropane	16.767	75	176672	4.565	ppbV		96
68) isopropylbenzene	17.150	105	456277	4.381	ppbV		99
69) Bromobenzene	17.220	77	207780	4.427	ppbV		92
70) 4-ethyl toluene	17.681	105	474630	4.892	ppbV		97
71) 1,3,5-trimethylbenzene	17.742	105	390711	4.775	ppbV		96
72) tert-butylbenzene	18.068	119	424368	4.208	ppbV		97
73) 1,2,4-trimethylbenzene	18.068	105	425045	4.897	ppbV		97
74) Benzyl Chloride	18.188	91	251872	4.398	ppbV		99
75) 1,3-dichlorobenzene	18.204	146	326059	4.555	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : Default-LCS-AP2 - All compounds listed

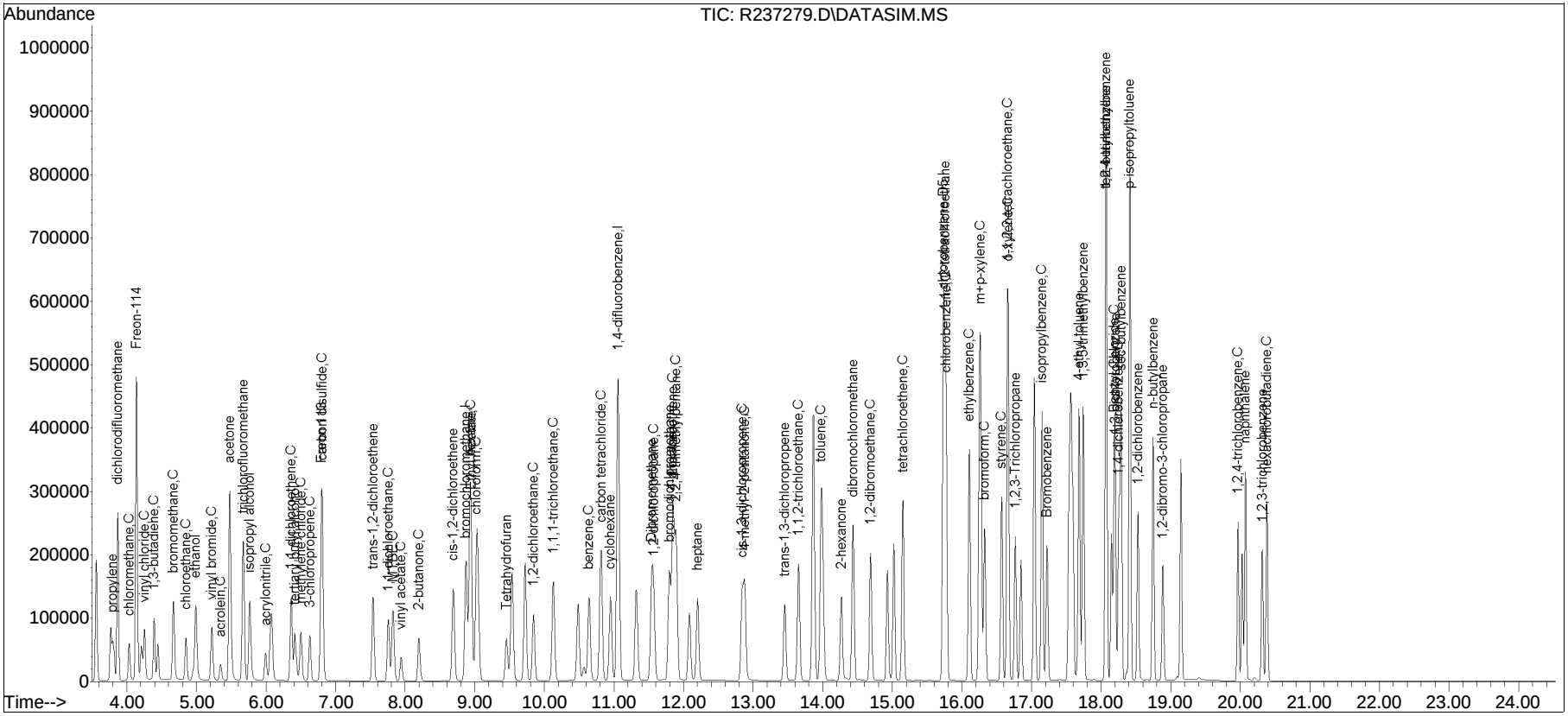
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,4-dichlorobenzene	18.252	146	311396	4.488	ppbV	93
77) sec-butylbenzene	18.284	105	544299	4.351	ppbV	94
78) p-isopropyltoluene	18.411	119	510266	4.301	ppbV	97
79) 1,2-dichlorobenzene	18.531	146	306242	4.501	ppbV	100
80) n-butylbenzene	18.747	91	458872	4.818	ppbV	98
81) 1,2-dibromo-3-chloropr...	18.882	75	108196	4.286	ppbV	93
82) 1,2,4-trichlorobenzene	19.966	180	278723	4.851	ppbV	98
83) naphthalene	20.072	128	517409	4.640	ppbV	100
84) 1,2,3-trichlorobenzene	20.317	180	242754	4.259	ppbV	99
85) hexachlorobutadiene	20.381	225	232457	4.503	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-2
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

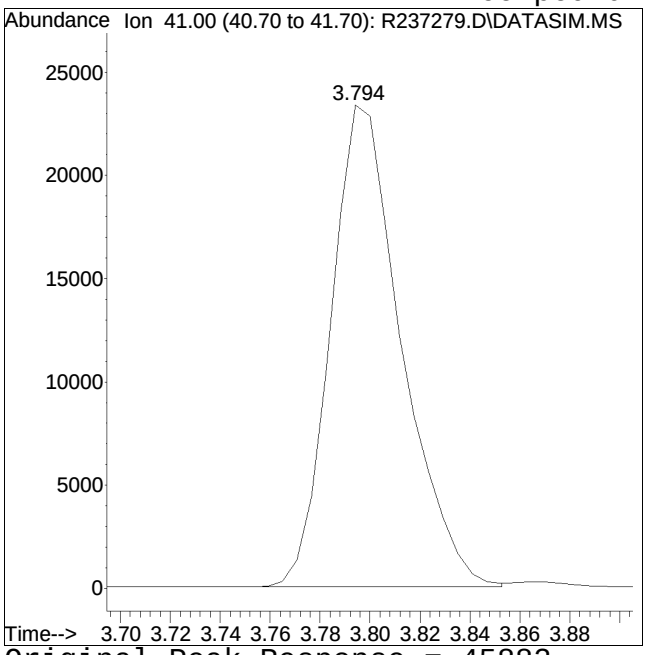


Manual Integration Report

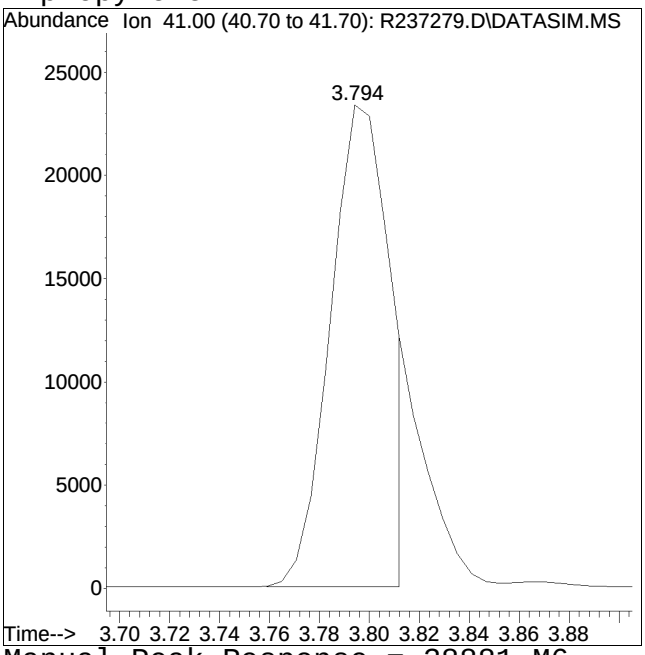
Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237279.D
Date Inj'd : 12/11/2025 4:19 pm
Sample : WG2152815-2

Method : TSIM23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/11/2025 4:50 pm

Compound #2: propylene



Original Peak Response = 45882



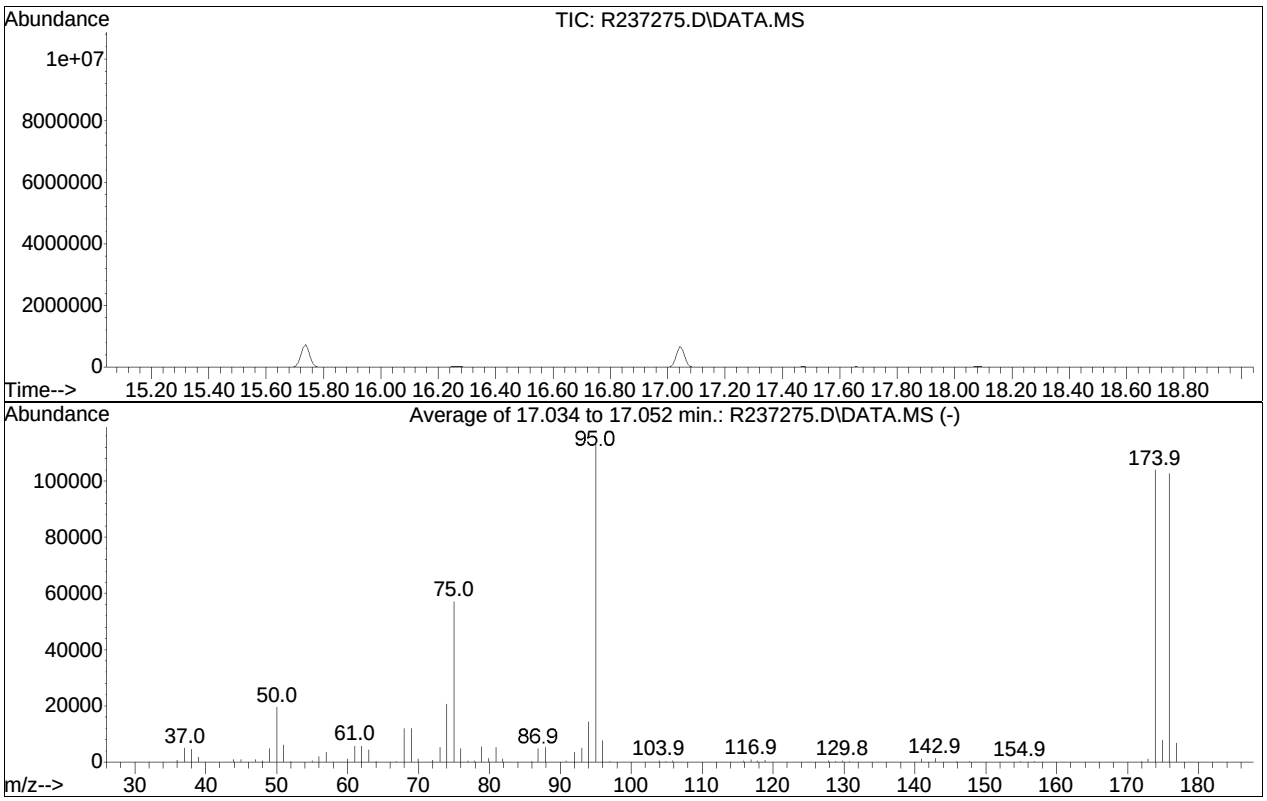
Manual Peak Response = 38881 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237275.D
Acq On : 11 Dec 2025 01:39 pm
Operator : AIRLAB23:APR
Sample : WG2152815-1
Misc : WG2152815,ICAL22841
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Sun Nov 23 16:05:00 2025



AutoFind: Scans 1841, 1842, 1843; Background Corrected with Scan 1834

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.3	19656	PASS
75	95	30	66	50.3	57131	PASS
95	95	100	100	100.0	113648	PASS
96	95	5	9	6.8	7722	PASS
173	174	0.00	2	1.0	1087	PASS
174	95	50	120	91.5	104040	PASS
175	174	4	9	7.7	7988	PASS
176	174	93	101	98.7	102709	PASS
177	176	5	9	6.5	6693	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237281.D
Acq On : 11 Dec 2025 08:07 pm
Operator : AIRLAB23:APR
Sample : WG2152815-4,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:14:24 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : Default-LCS-AP2 - All compounds listed

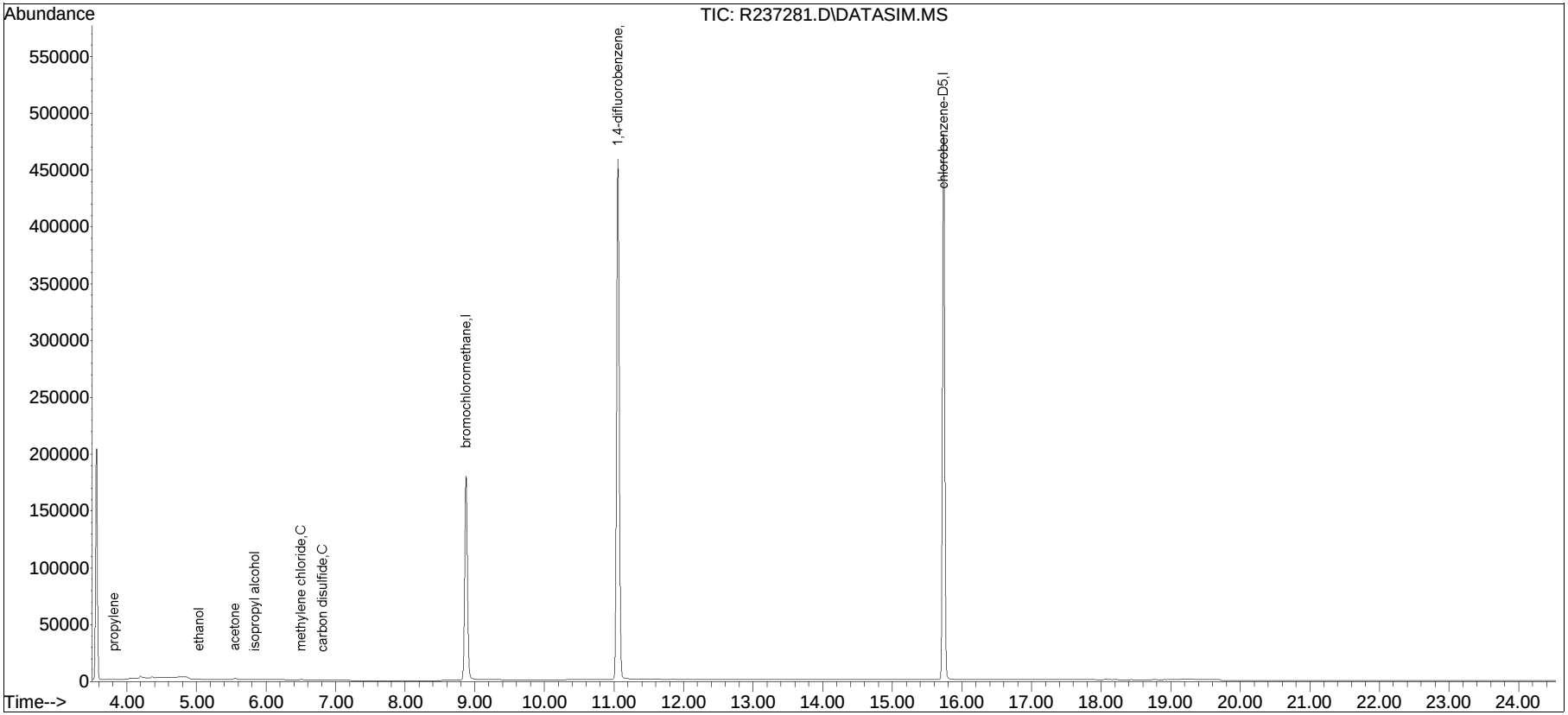
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.876	49	186268	10.000	ppbV	0.01
Standard Area = 183371			Recovery = 101.58%			
33) 1,4-difluorobenzene	11.062	114	746850	10.000	ppbV	0.00
Standard Area = 781173			Recovery = 95.61%			
51) chlorobenzene-D5	15.732	54	100077	10.000	ppbV	0.00
Standard Area = 106557			Recovery = 93.92%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	0.000		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	0.000		0	N.D.		
44) trichloroethene	0.000		0	N.D.		
57) tetrachloroethene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237281.D
Acq On : 11 Dec 2025 08:07 pm
Operator : AIRLAB23:APR
Sample : WG2152815-4,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 09:14:24 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-3,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	75	0.00
2		propylene	5.000	5.549	-11.0	89	0.01
3		dichlorodifluoromethane	5.000	5.376	-7.5	82	0.01
4	C	chloromethane	5.000	5.285	-5.7	85	0.01
5		Freon-114	5.000	5.837	-16.7	91	0.01
6	C	vinyl chloride	5.000	5.646	-12.9	90	0.01
7	C	1,3-butadiene	5.000	5.602	-12.0	97	0.01
8	C	bromomethane	5.000	5.938	-18.8	92	0.01
9	C	chloroethane	5.000	5.689	-13.8	91	0.01
10		ethanol	25.000	20.229	19.1	63	0.01
11	C	vinyl bromide	5.000	5.166	-3.3	85	0.01
12	C	acrolein	5.000	4.287	14.3	68	0.01
13		acetone	25.000	25.773	-3.1	87	0.01
14		trichlorofluoromethane	5.000	4.962	0.8	78	0.01
15		isopropyl alcohol	12.500	10.623	15.0	72	0.01
16	C	acrylonitrile	5.000	4.651	7.0	74	0.01
17	C	1,1-dichloroethene	5.000	5.386	-7.7	83	0.01
18		tertiary butyl alcohol	5.000	3.982	20.4	50	0.00
19	C	methylene chloride	5.000	4.849	3.0	83	0.01
20	C	3-chloropropene	5.000	5.123	-2.5	85	0.01
21	C	carbon disulfide	5.000	5.322	-6.4	88	0.01
22		Freon 113	5.000	4.975	0.5	79	0.00
23		trans-1,2-dichloroethene	5.000	5.187	-3.7	86	0.01
24	C	1,1-dichloroethane	5.000	5.247	-4.9	81	0.00
25	C	MTBE	5.000	4.906	1.9	81	0.01
26	C	vinyl acetate	5.000	3.011	39.8#	58	0.00
27	C	2-butanone	5.000	4.962	0.8	82	0.00
28		cis-1,2-dichloroethene	5.000	5.087	-1.7	79	0.00
29		Ethyl Acetate	5.000	5.632	-12.6	91	0.00
30	C	chloroform	5.000	4.951	1.0	78	0.00
31		Tetrahydrofuran	5.000	5.052	-1.0	90	0.00
32	C	1,2-dichloroethane	5.000	4.871	2.6	76	0.01
33	I	1,4-difluorobenzene	10.000	10.000	0.0	74	0.00
34	C	hexane	5.000	5.307	-6.1	90	0.01
36	C	1,1,1-trichloroethane	5.000	5.106	-2.1	74	0.01
37	C	benzene	5.000	4.976	0.5	77	0.00
38	C	carbon tetrachloride	5.000	4.612	7.8	72	0.01
39		cyclohexane	5.000	5.190	-3.8	88	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-3,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40		Dibromomethane	5.000	4.524	9.5	71	0.00
41	C	1,2-dichloropropane	5.000	5.233	-4.7	82	0.00
42		bromodichloromethane	5.000	5.247	-4.9	86	0.00
43	C	1,4-dioxane	5.000	5.099	-2.0	82	0.00
44	C	trichloroethene	5.000	4.628	7.4	72	0.00
45	C	2,2,4-trimethylpentane	5.000	5.439	-8.8	94	0.00
46		heptane	5.000	5.194	-3.9	88	0.00
47	C	cis-1,3-dichloropropene	5.000	5.530	-10.6	83	0.00
48	C	4-methyl-2-pentanone	5.000	5.068	-1.4	82	0.00
49		trans-1,3-dichloropropene	5.000	6.119	-22.4	91	0.00
50	C	1,1,2-trichloroethane	5.000	5.011	-0.2	77	0.00
51	I	chlorobenzene-D5	10.000	10.000	0.0	76	0.00
52	C	toluene	5.000	4.758	4.8	77	0.00
54		2-hexanone	5.000	4.842	3.2	80	0.00
55		dibromochloromethane	5.000	4.720	5.6	82	0.00
56	C	1,2-dibromoethane	5.000	4.867	2.7	78	0.00
57	C	tetrachloroethene	5.000	4.138	17.2	69	0.00
58		1,1,1,2-tetrachloroethane	5.000	4.094	18.1	66	0.00
59	C	chlorobenzene	5.000	4.575	8.5	74	0.00
60	C	ethylbenzene	5.000	4.615	7.7	73	0.00
61	C	m+p-xylene	10.000	9.487	5.1	76	0.00
62	C	bromoform	5.000	4.458	10.8	77	0.00
63	C	styrene	5.000	4.663	6.7	73	0.00
64	C	1,1,2,2-tetrachloroethane	5.000	5.038	-0.8	80	0.00
65	C	o-xylene	5.000	4.729	5.4	77	0.00
66		1,2,3-Trichloropropane	5.000	4.565	8.7	74	0.00
68	C	isopropylbenzene	5.000	4.381	12.4	70	0.00
69		Bromobenzene	5.000	4.427	11.5	72	0.00
70		4-ethyl toluene	5.000	4.892	2.2	83	0.00
71		1,3,5-trimethylbenzene	5.000	4.775	4.5	76	0.00
72		tert-butylbenzene	5.000	4.208	15.8	69	0.00
73		1,2,4-trimethylbenzene	5.000	4.897	2.1	77	0.00
74	C	Benzyl Chloride	5.000	4.398	12.0	66	0.00
75		1,3-dichlorobenzene	5.000	4.555	8.9	73	0.00
76	C	1,4-dichlorobenzene	5.000	4.488	10.2	70	0.00
77		sec-butylbenzene	5.000	4.351	13.0	70	0.00
78		p-isopropyltoluene	5.000	4.301	14.0	67	0.00
79		1,2-dichlorobenzene	5.000	4.501	10.0	72	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-3,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
80	n-butylbenzene	5.000	4.818	3.6	75	0.00
81	1,2-dibromo-3-chloropropane	5.000	4.286	14.3	64	0.00
82 C	1,2,4-trichlorobenzene	5.000	4.851	3.0	69	0.00
83	naphthalene	5.000	4.640	7.2	60	0.00
84	1,2,3-trichlorobenzene	5.000	4.259	14.8	60	0.00
85 C	hexachlorobutadiene	5.000	4.503	9.9	69	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-3,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : Default-LCS-AP2 - All compounds listed

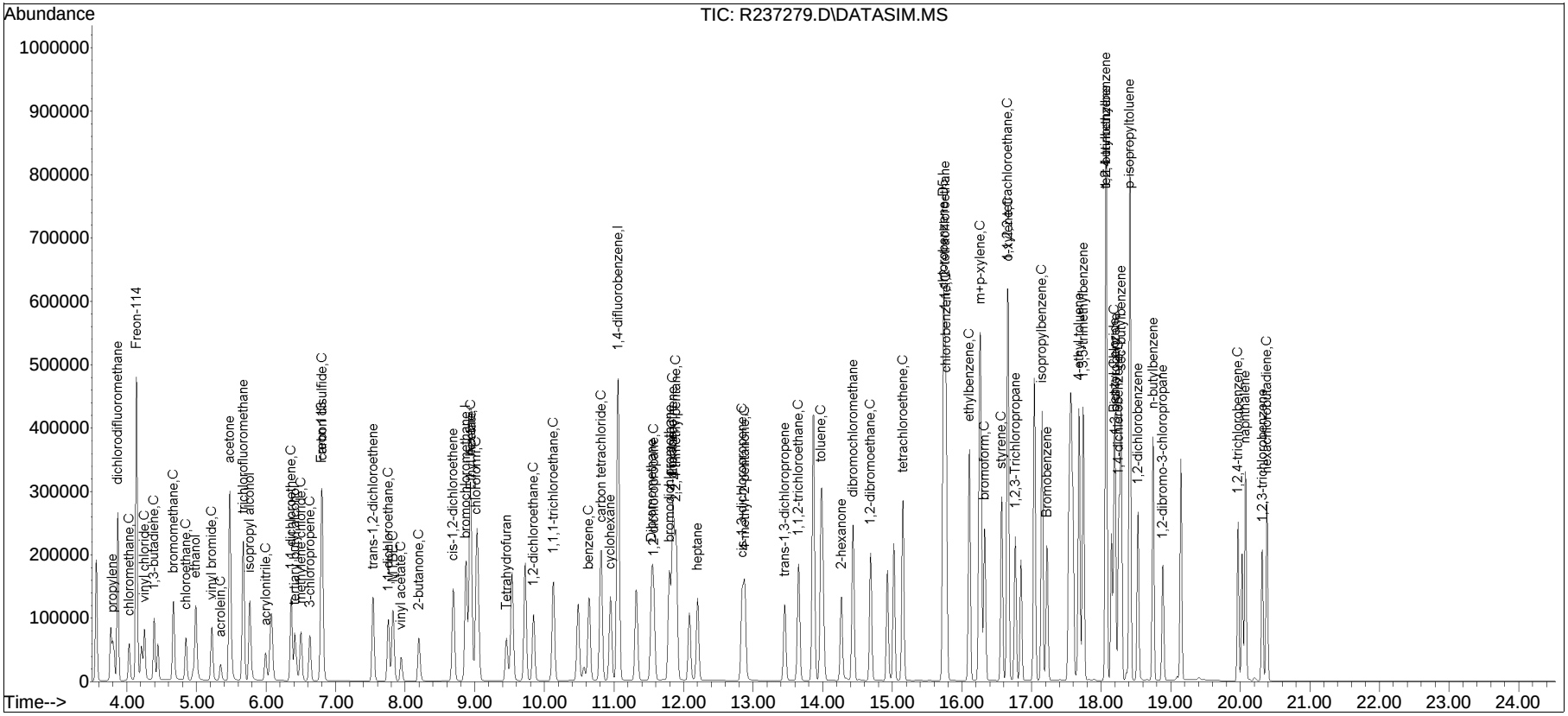
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.868	49	183371	10.000	ppbV	0.00
Standard Area = 183371			Recovery = 100.00%			
33) 1,4-difluorobenzene	11.062	114	781173	10.000	ppbV	0.00
Standard Area = 781173			Recovery = 100.00%			
51) chlorobenzene-D5	15.732	54	106557	10.000	ppbV	0.00
Standard Area = 106557			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	4.257	62	105492	5.646	ppbV	100
17) 1,1-dichloroethene	6.361	61	167432	5.386	ppbV	98
28) cis-1,2-dichloroethene	8.689	61	116194	5.087	ppbV	93
36) 1,1,1-trichloroethane	10.131	97	254915	5.106	ppbV	99
38) carbon tetrachloride	10.817	117	242858	4.612	ppbV	99
44) trichloroethene	11.844	130	155600	4.628	ppbV	98
57) tetrachloroethene	15.153	166	203337	4.138	ppbV	97

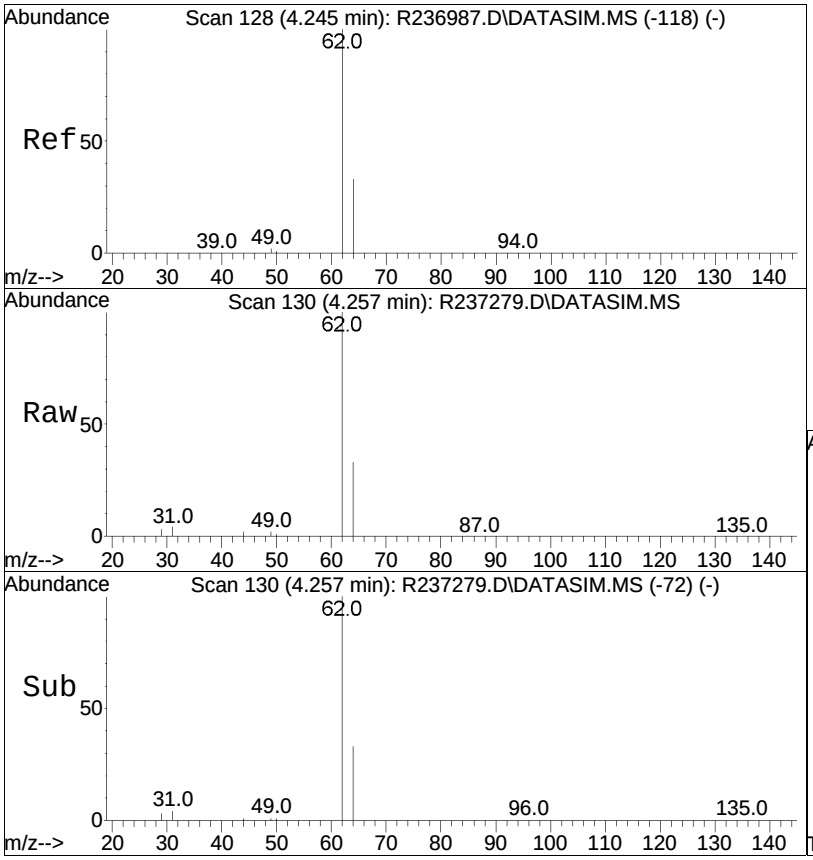
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237279.D
Acq On : 11 Dec 2025 04:19 pm
Operator : AIRLAB23:APR
Sample : WG2152815-3,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 16:50:03 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

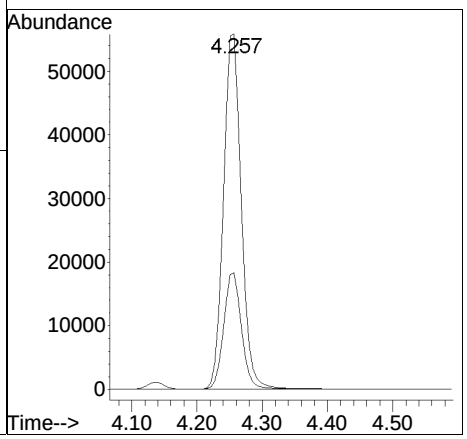


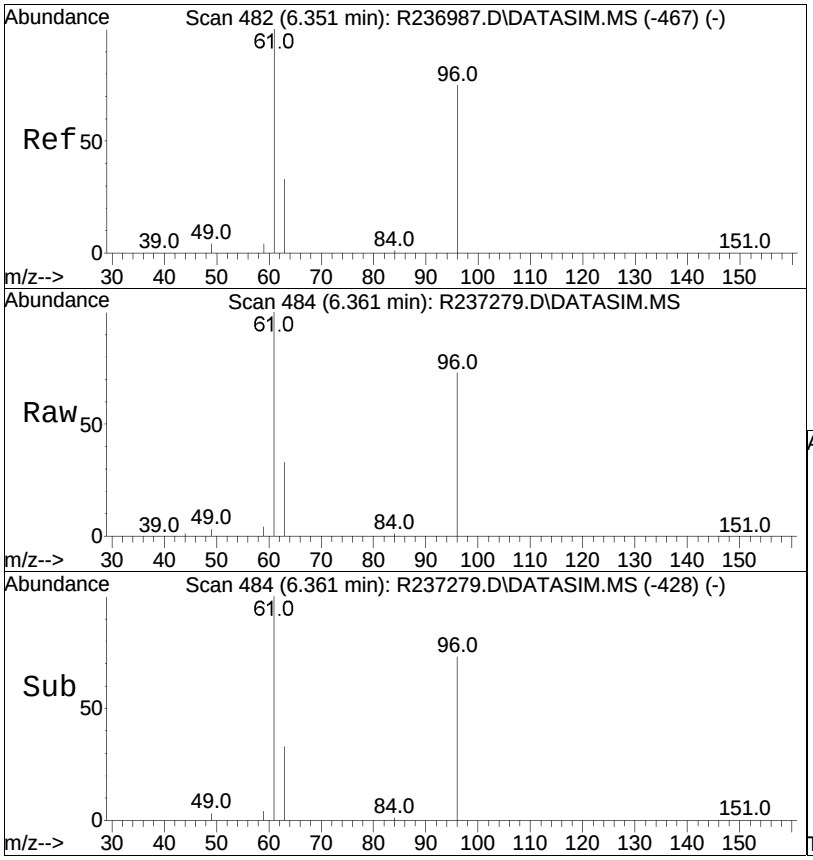


#6
vinyl chloride
Concen: 5.65 ppbV
RT: 4.257 min Scan# 130
Delta R.T. 0.012 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion: 62 Resp: 105492

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.4	39.6

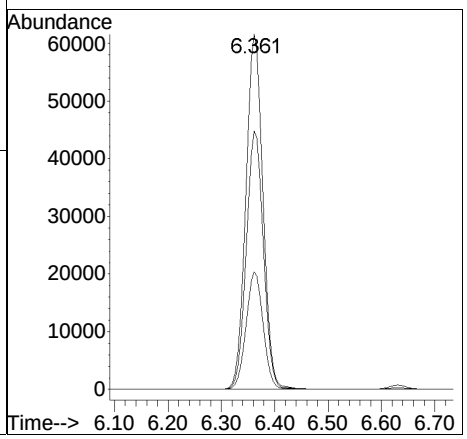


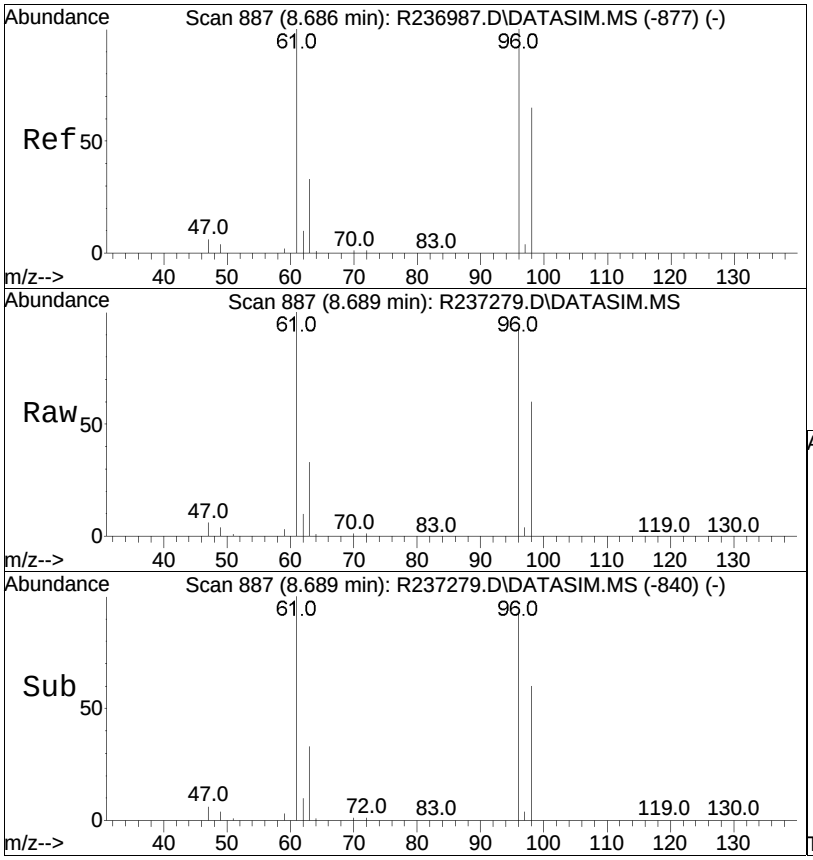


#17
1,1-dichloroethene
Concen: 5.39 ppbV
RT: 6.361 min Scan# 484
Delta R.T. 0.010 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion: 61 Resp: 167432

Ion	Ratio	Lower	Upper
61	100		
96	72.7	59.8	89.8
63	33.1	26.3	39.5

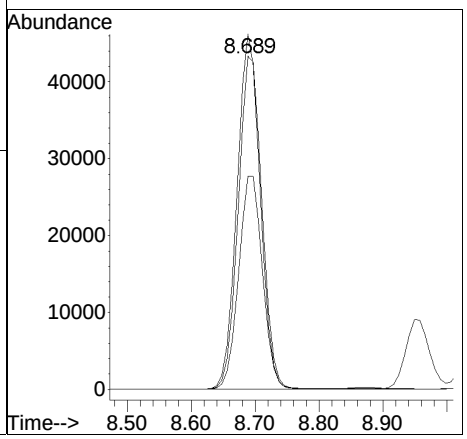


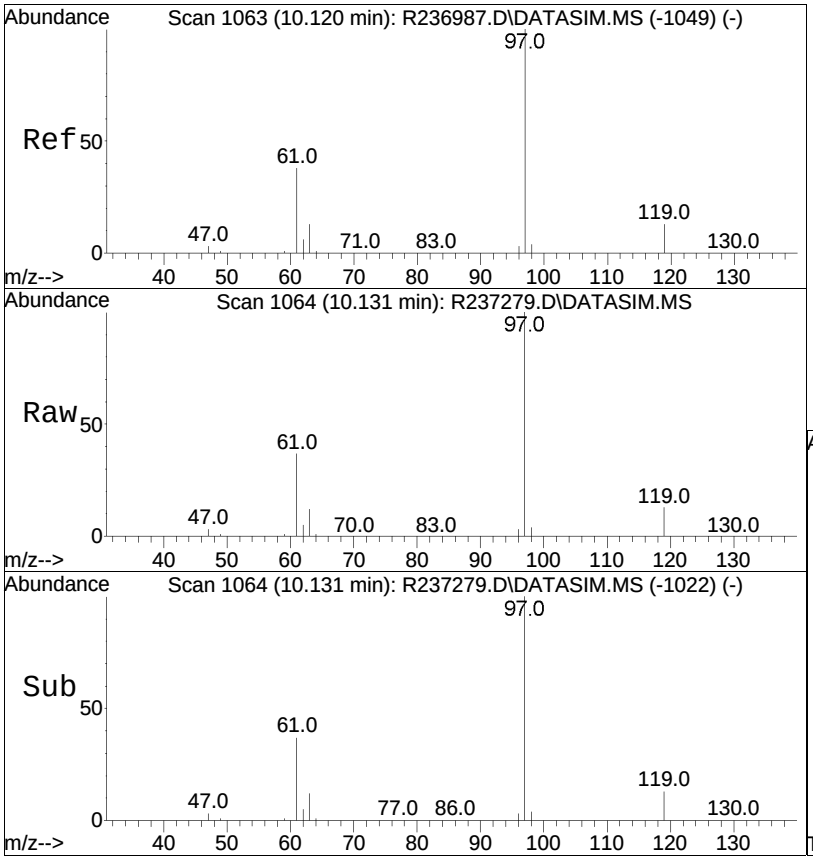


#28
cis-1,2-dichloroethene
Concen: 5.09 ppbV
RT: 8.689 min Scan# 887
Delta R.T. 0.003 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion: 61 Resp: 116194

Ion	Ratio	Lower	Upper
61	100		
96	93.8	80.4	120.6
98	59.9	52.0	78.0

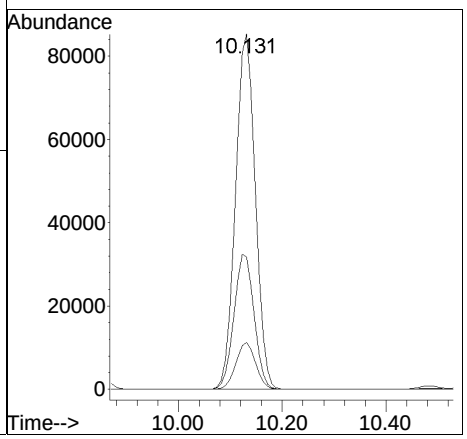


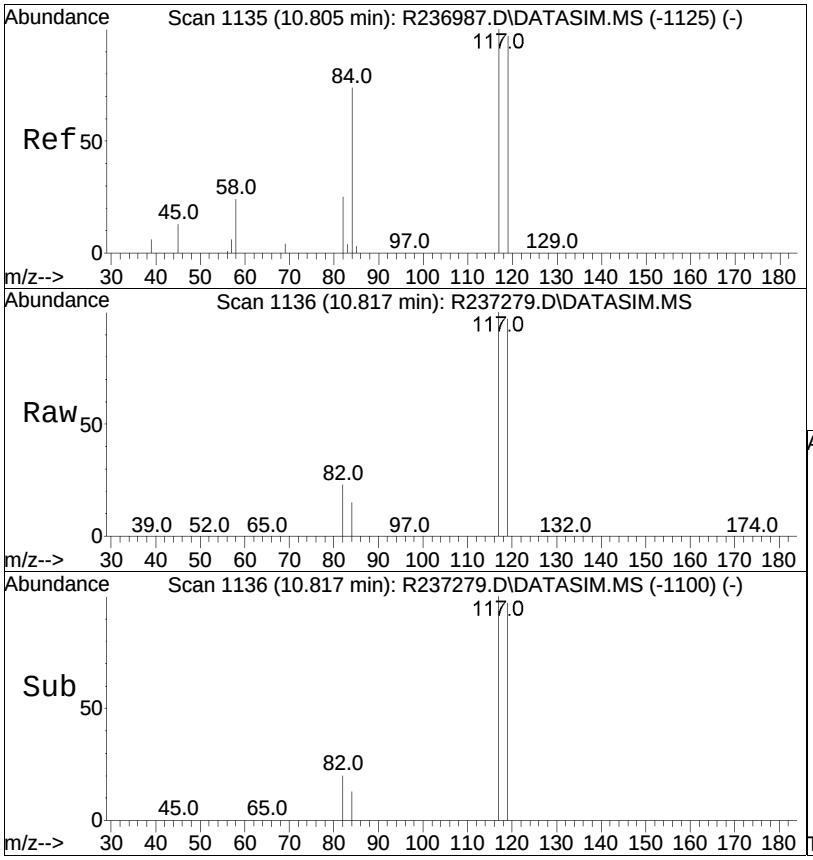


#36
1,1,1-trichloroethane
Concen: 5.11 ppbV
RT: 10.131 min Scan# 1064
Delta R.T. 0.011 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion: 97 Resp: 254915

Ion	Ratio	Lower	Upper
97	100		
61	37.3	30.6	45.8
119	13.2	10.6	16.0

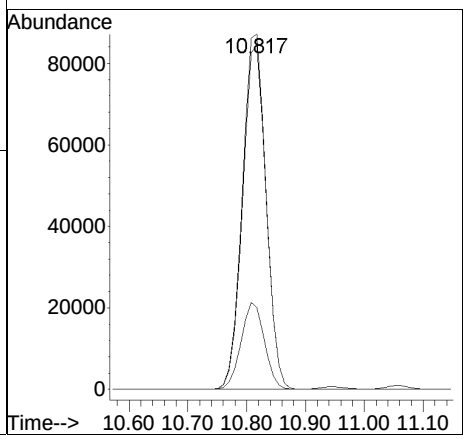


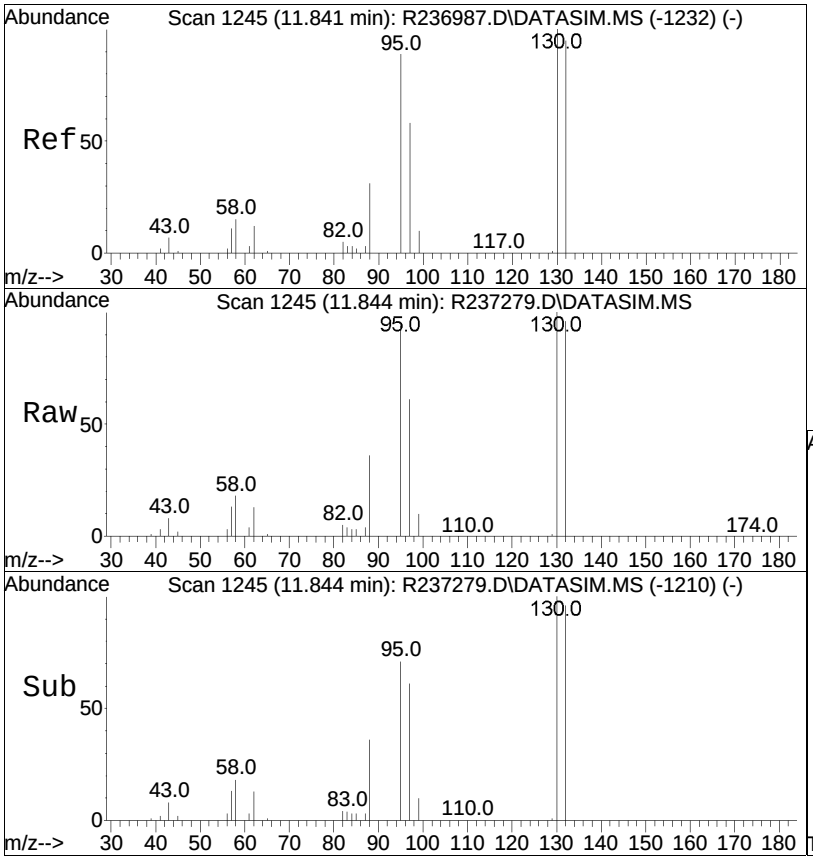


#38
carbon tetrachloride
Concen: 4.61 ppbV
RT: 10.817 min Scan# 1136
Delta R.T. 0.012 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion:117 Resp: 242858

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
82	23.0	20.3	30.5

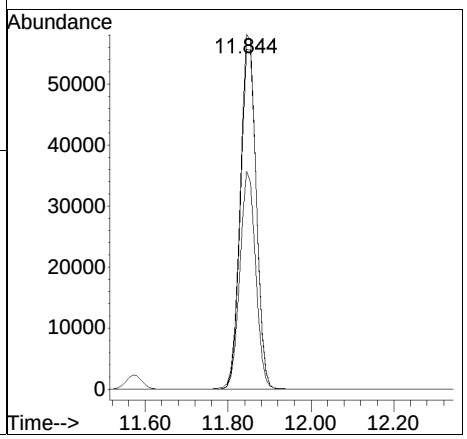


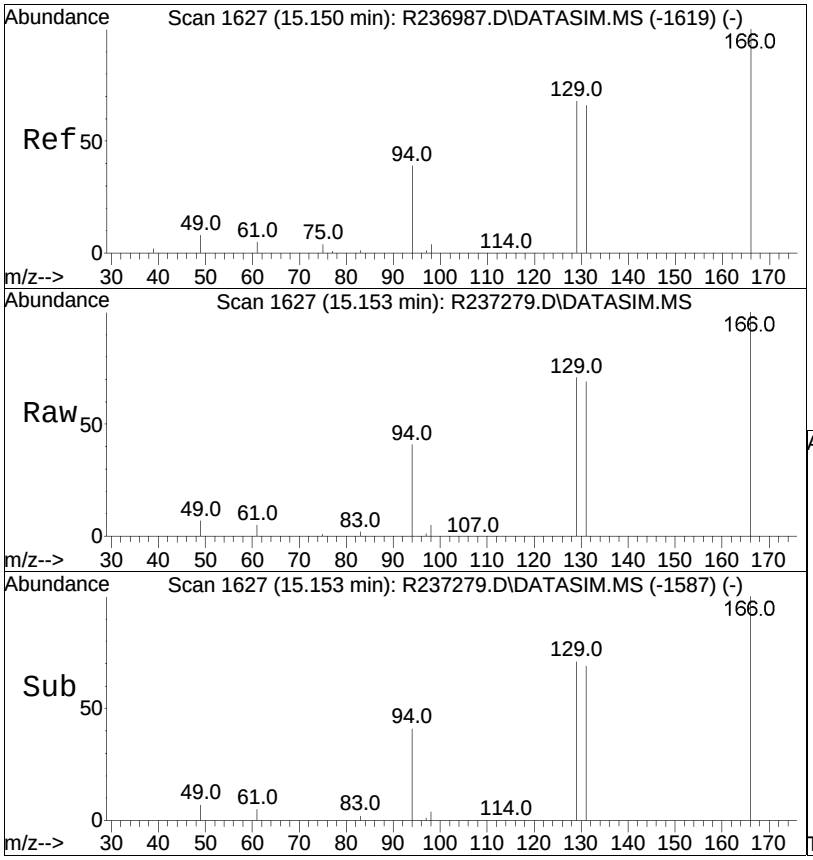


#44
trichloroethene
Concen: 4.63 ppbV
RT: 11.844 min Scan# 1245
Delta R.T. 0.003 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion:130 Resp: 155600

Ion	Ratio	Lower	Upper
130	100		
132	95.7	76.4	114.6
97	61.5	46.3	69.5

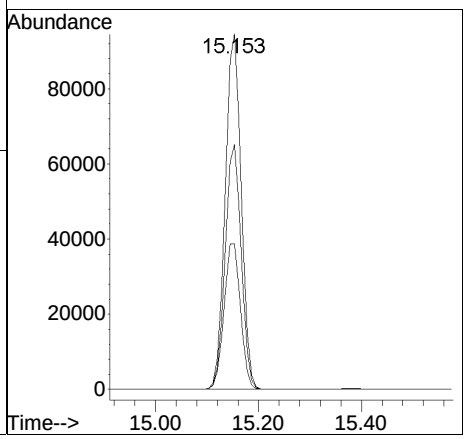




#57
tetrachloroethene
Concen: 4.14 ppbV
RT: 15.153 min Scan# 1627
Delta R.T. 0.003 min
Lab File: R237279.D
Acq: 11 Dec 2025 04:19 pm

Tgt Ion:166 Resp: 203337

Ion	Ratio	Lower	Upper
166	100		
131	68.9	53.0	79.6
94	40.9	31.0	46.6



Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152815-5,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 09:21:43 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab23\2025\12\1211SIM\R237279.D
Sub List : 7-NY-SIM - .

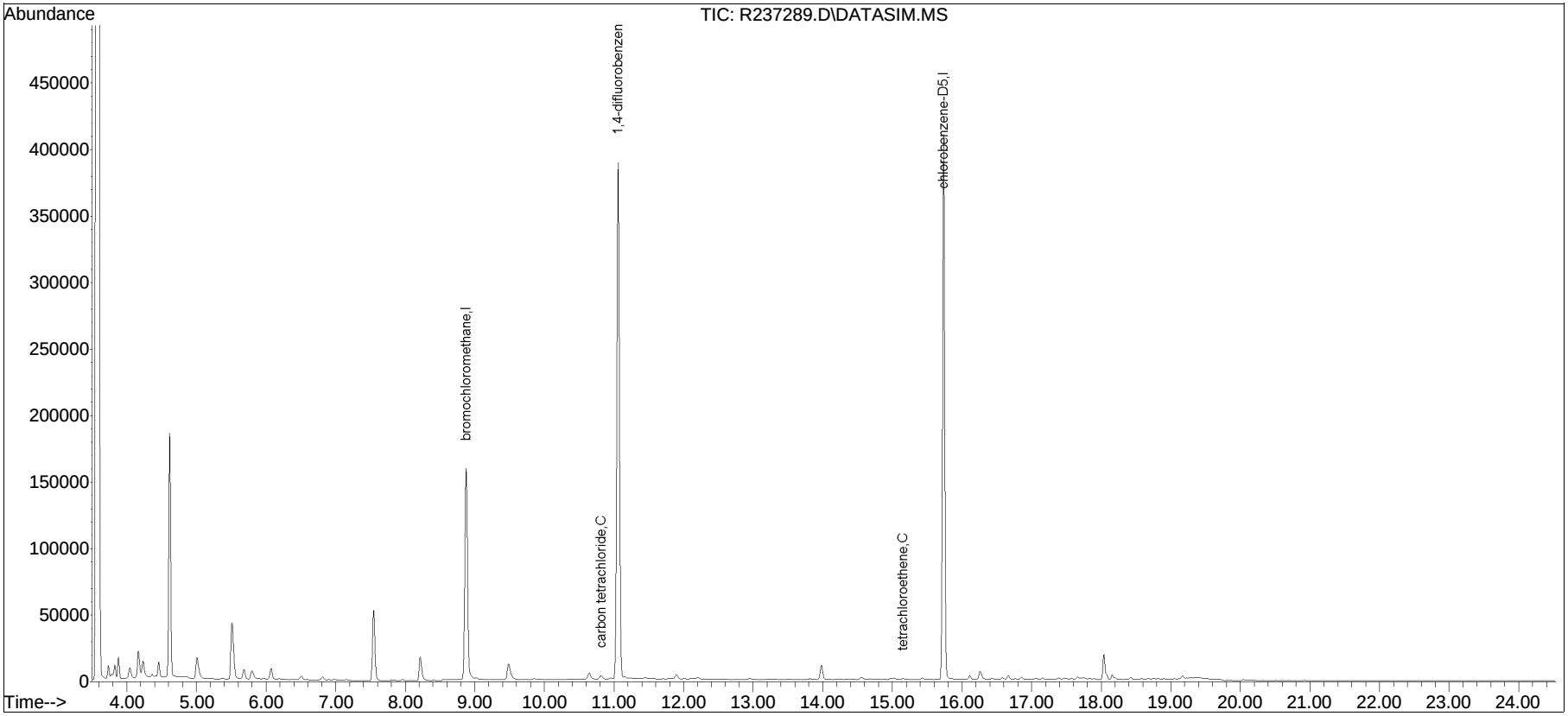
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.873	49	164641	10.000	ppbV	0.00
Standard Area = 183371			Recovery = 89.79%			
33) 1,4-difluorobenzene	11.059	114	607561	10.000	ppbV	0.00
Standard Area = 781173			Recovery = 77.78%			
51) chlorobenzene-D5	15.737	54	82007	10.000	ppbV	0.00
Standard Area = 106557			Recovery = 76.96%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.372		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	10.814	117	2905	0.071	ppbV	98
44) trichloroethene	11.851		0	N.D.		
57) tetrachloroethene	15.150	166	523	0.014	ppbV #	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

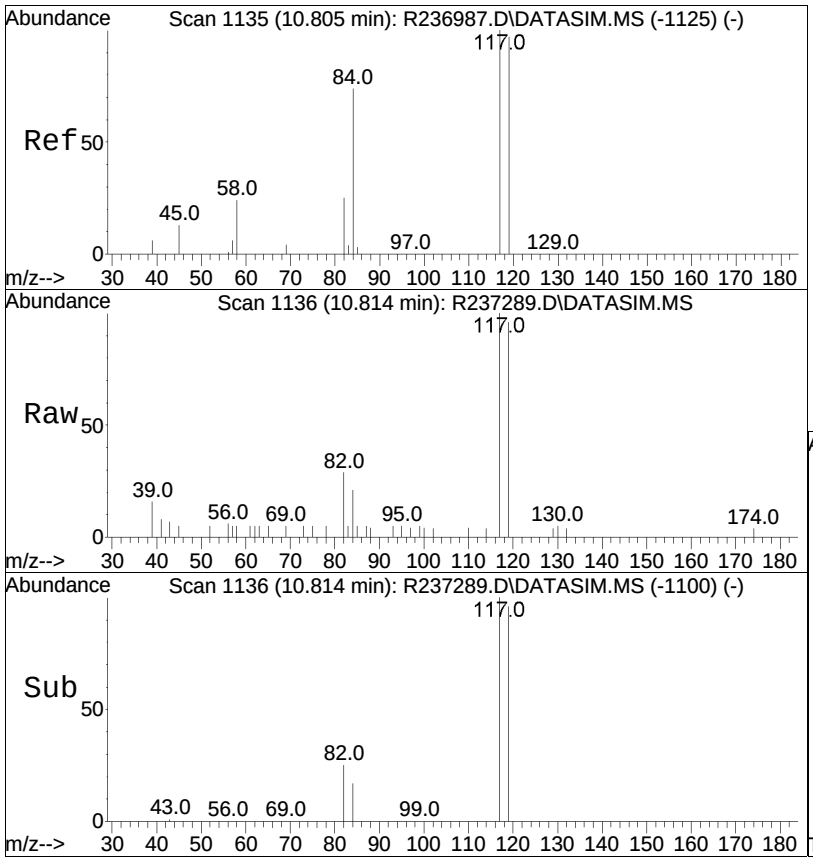
Sub List : 7-NY-SIM - .ta\Airlab23\2025\12\1211SIM\R237279.D

Data Path : X:\Airlab\Data\Airlab23\2025\12\1211SIM\
Data File : R237289.D
Acq On : 12 Dec 2025 01:41 am
Operator : AIRLAB23:APR
Sample : WG2152815-5,3,250,250
Misc : WG2152815,ICAL22841
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 09:21:43 2025
Quant Method : X:\Airlab\Data\Airlab23\2025\12\1211SIM\TSIM23_251121.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Nov 23 16:05:00 2025
Response via : Initial Calibration



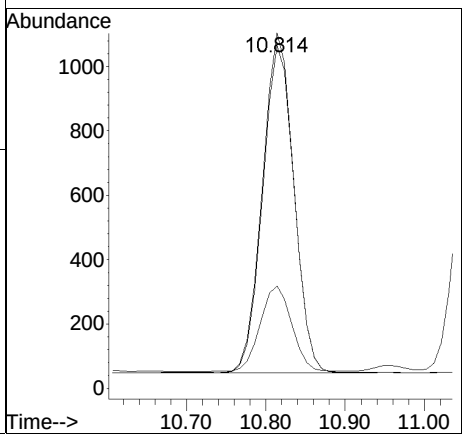
TSIM23_251121.M Fri Dec 12 10:36:47 2025 Page: 2

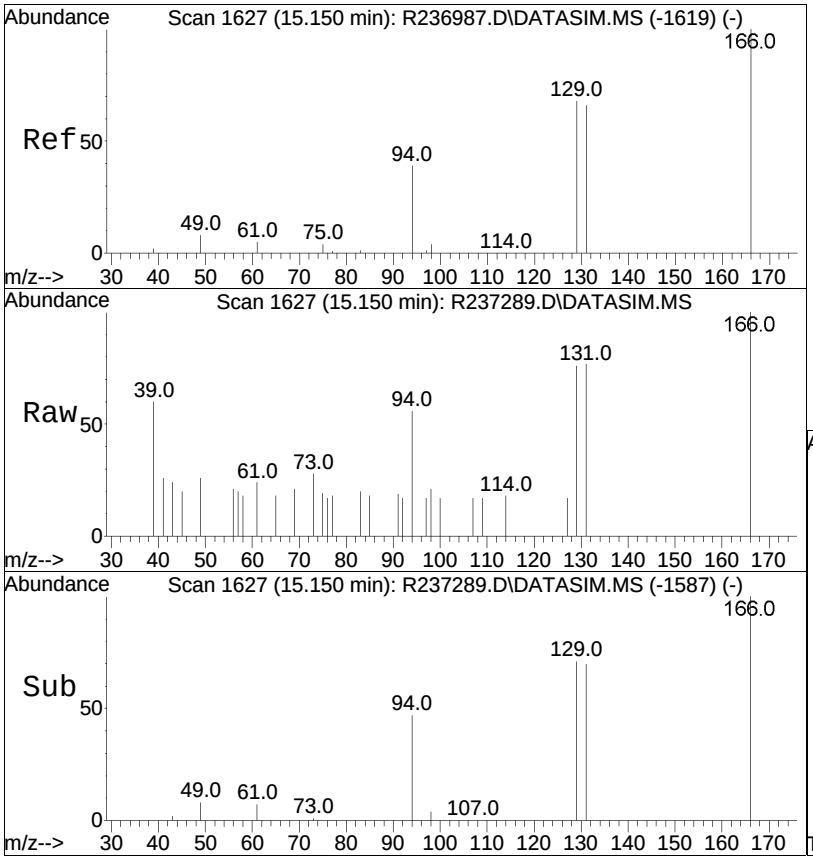


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.814 min Scan# 1136
Delta R.T. 0.009 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:117 Resp: 2905

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
82	28.9	20.3	30.5

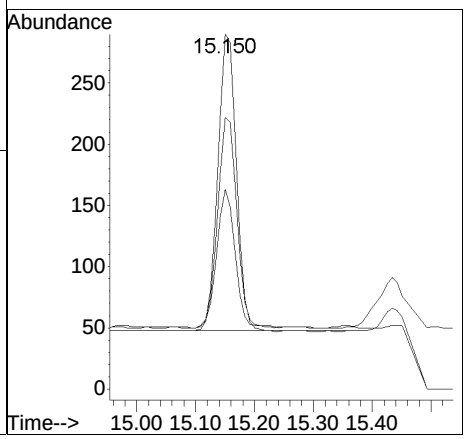




#57
tetrachloroethene
Concen: 0.01 ppbV
RT: 15.150 min Scan# 1627
Delta R.T. -0.000 min
Lab File: R237289.D
Acq: 12 Dec 2025 01:41 am

Tgt Ion:166 Resp: 523

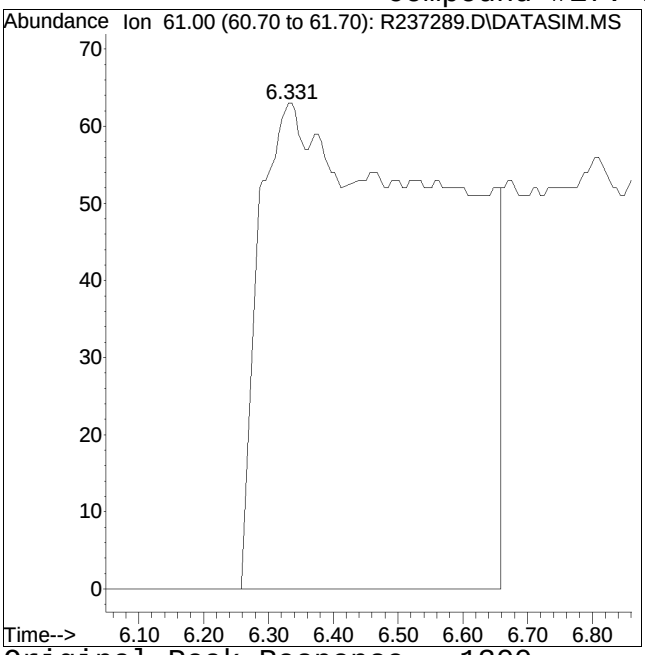
Ion	Ratio	Lower	Upper
166	100		
131	76.6	53.0	79.6
94	56.2	31.0	46.6#

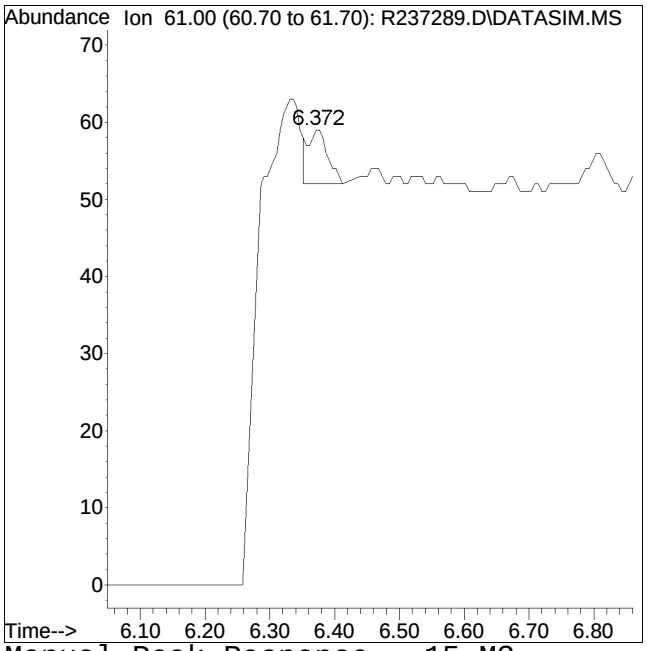


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20QMethod : TSIM23_251121.M
Data File : R237289.D Operator : AIRLAB23:APR
Date Inj'd : 12/12/2025 1:41 am Instrument : Airlab 23
Sample : WG2152815-5,3,250,250 Quant Date : 12/12/2025 9:21 am

Compound #17: 1,1-dichloroethene





Original Peak Response = 1300 Manual Peak Response = 15 M3

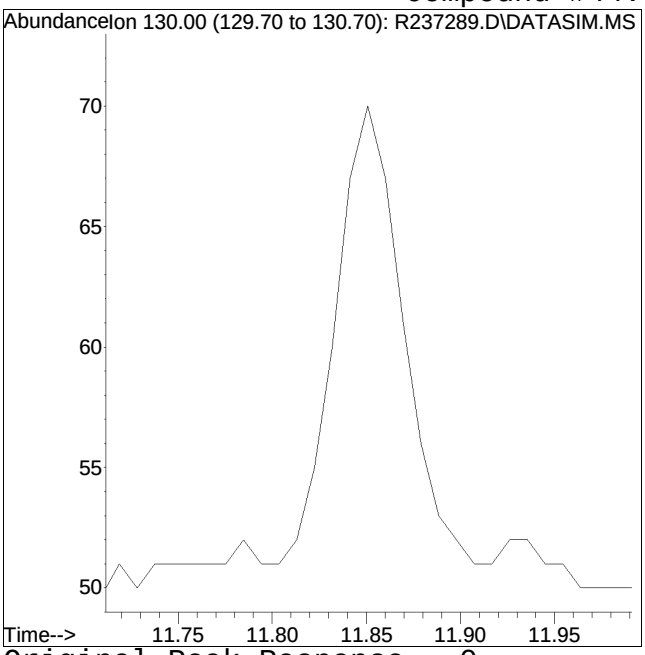
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

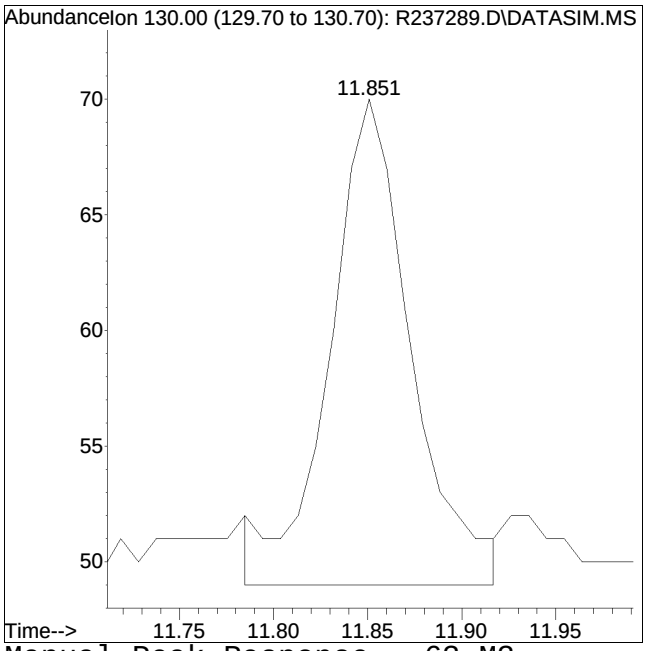
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab23\20Q
Data File : R237289.D
Date Inj'd : 12/12/2025 1:41 am
Sample : WG2152815-5,3,250,250

Method : TSIM23_251121.M
Operator : AIRLAB23:APR
Instrument : Airlab 23
Quant Date : 12/12/2025 9:21 am

Compound #44: trichloroethene





Original Peak Response = 0 Manual Peak Response = 63 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 28 2026, 04:35 pm

Work Group: WG2152815 for Department: 3 GC/MS

Created: 11-DEC-25 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2576049-01	TRC-IA-11	S	TO15-SIM	AIR	DONE	U	1225	1212	S0	Can-6
L2576049-02	TRC-IA-12	S	TO15-SIM	AIR	DONE	U	1225	1212	S0	Can-6
L2576049-03	TRC-AA-01	S	TO15-SIM	AIR	DONE	U	1225	1212	S0	Can-6
L2576218-01	APC-S-403-112625	S	TO15-SIM	AIR	DONE	U	1226	1215	S0	Can-1
L2576218-02	APC-S-406-112625	S	TO15-SIM	AIR	DONE	U	1226	1215	S0	Can-1
L2576834-01	PIN AIR-113	S	TO15-SIM	AIR	DONE	U	1214	1217	S0	Can-6
L2578655-01	IA-01_20251209	S	TO15-SIM	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-02	IA-02_20251209	S	TO15-SIM	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-03	IA-03_20251209	S	TO15-SIM	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-04	IA-04_20251209	S	TO15-SIM	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-05	IA-05_20251209	S	TO15-SIM	AIR	DONE	U	0109	1212	1B	Can-6
L2578655-06	AA-01_20251209	S	TO15-SIM	AIR	DONE	U	0109	1212	1B	Can-6
WG2152815-1	MS BFB Tune Standard	S	TO15-SIM	AIR	DONE	U				
WG2152815-2	Continuing Calibrati	S	TO15-SIM	AIR	DONE	U				
WG2152815-3	Laboratory Control S	S	TO15-SIM	AIR	DONE	U				
WG2152815-4	Laboratory Method Bl	S	TO15-SIM	AIR	DONE	U				
WG2152815-5	Duplicate Sample	S	TO15-SIM	AIR	DONE	U				

Comments:

WG2152815-5 L2578655-05

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB23

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 11/21/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: DJR

Sequence File Name: 251121.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA23112101	TO15_SFS.M	R236977.D	250 mL			NA
1	BA23112102	TO15_SFS.M	R236978.D	250 mL			NA
1	BA23112103	TO15_SFS.M	R236979.D	250 mL			NA
1	TA23112101	TO15_SFS.M	R236980.D	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.M	R236981.D	SS25-037D 50 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.M	R236982.D	SS25-037D 125 mL	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.M	R236983.D	SS25-037D 250 mL	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.M	R236984.D	SS25-037C 50 mL		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.M	R236985.D	SS25-037C 125 mL		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.M	R236986.D	SS25-037C 250 mL		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.M	R236987.D	SS25-037B 125 mL		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.M	R236988.D	SS25-037B 250 mL		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.M	R236989.D	SS25-037A 50 mL		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.M	R236990.D	SS25-037A 125 mL		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.M	R236991.D	SS25-037A 250 mL	LL ONLY	DEF	NA
1	BA23112101	TO15_SFS.M	R236992.D	250 mL			NA
1	BA23112102	TO15_SFS.M	R236993.D	250 mL			NA
2	CTO15-LLSTD010	TO15_SFS.M	R236994.D	SS25-035C 250 mL	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.M	R236995.D	SS25-035C 125 mL	SIM ICV	DEF-ICV	NA

Alpha Analytical Air Lab
Instrument Run Log

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB23

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 12/11/2025

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 251211.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA23120601	TO15_SFS.M	R237275.D	250 mL	DO NOT USE		NA
2	APH CC	TO15_SFS.M	R237276.D	SS25-034D 125 mL	USE AS TUNE		NA
3	CA23120601	TO15_SFS.M	R237277.D	SS25-033H 250 mL	LL CC		NA
4	CTO15-LLSTD010	TO15_SFS.M	R237278.D	SS25-039E 250 mL	LL LCS		NA
4	CTO15-SIMSTD05	TO15_SFS.M	R237279.D	SS25-039E 125 mL	SIM LCS	NARRATE VA OUT LOW/ RISKING T13DCP	NA
	PAUSE	TO15_SFS.M					NA
1	BA23120601	TO15_SFS.M	R237280.D	250 mL	LL B LANK		NA
1	BA23120602	TO15_SFS.M	R237281.D	250 mL	SIM BLANK		NA
2	L2576049-03,3,250,250	TO15_SFS.M	R237282.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
3	L2578655-06,3,250,250	TO15_SFS.M	R237283.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
4	L2578655-01,3,250,250	TO15_SFS.M	R237284.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
5	L2578655-02,3,250,250	TO15_SFS.M	R237285.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
6	L2578655-03,3,250,250	TO15_SFS.M	R237286.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
7	L2578655-04,3,250,250	TO15_SFS.M	R237287.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
8	L2578655-05,3,250,250	TO15_SFS.M	R237288.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
8	L2578655-05DUP,3,250,250	TO15_SFS.M	R237289.D	WG2152814,ICAL22840	LL/SIM DUP	NY+NAPH-7SIM	Y
9	L2576049-01,3,250,250	TO15_SFS.M	R237290.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
10	L2576049-02,3,250,250	TO15_SFS.M	R237291.D	WG2152814,ICAL22840		NY+NAPH-7SIM	Y
11	L2576834-01,3,250,250	TO15_SFS.M	R237292.D	WG2152815,ICAL22841		STD+NAPH BY SIM	Y
12	L2576419-01D,3,75,250	TO15_SFS.M	R237293.D	WG2152814,ICAL22840		STD+NAPH	Y
13	L2576218-01D,3,75,250	TO15_SFS.M	R237294.D	WG2152815,ICAL22841		STD+NAPH BY SIM/ 2CT+ METHYLMETHACRYLATE BY LL	Y

Alpha Analytical Air Lab
Instrument Run Log

14	L2576218-02,3,250,250	TO15_SFS.M	R237295.D	WG2152815,ICAL22841		STD+NAPH BY SIM/ 2CT+ METHYLMETHACRYLATE BY LL	Y
15	L2576406-01,3,250,250	TO15_SFS.M	R237296.D	WG2152814,ICAL22840		NY+NAPH	Y
16	L2576518-01,3,250,250	TO15_SFS.M	R237297.D	WG2152814,ICAL22840		NY+NAPH	Y
1	L2576518-02,3,250,250	TO15_SFS.M	R237298.D	WG2152814,ICAL22840		NY+NAPH	Y
2	L2576518-03,3,250,250	TO15_SFS.M	R237299.D	WG2152814,ICAL22840		NY+NAPH	Y
3	L2576518-04,3,250,250	TO15_SFS.M	R237300.D	WG2152814,ICAL22840		NY+NAPH	Y
4	L2577844-01D,3,11.19,250	TO15_SFS.M	R237301.D	WG2152814,ICAL22840		NY+NAPH	Y
5	L2577844-02D,3,75,250	TO15_SFS.M	R237302.D	WG2152814,ICAL22840		NY+NAPH	Y

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (ml), nominal volume analyzed

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Appendix E

Data Usability Summary Report

Site:	MTA Long Island Rail Road Morris Park and Richmond Hill Yards
Laboratory:	Hampton-Clarke Analytical & Field Services – Fairfield, NJ
SDG:	5112647 (AD56733)
Parameters:	Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs)
Reviewer:	Nancy Bergstrom/TRC
Peer Reviewer:	Kristen Morin/TRC
Date:	February 2, 2026

Samples Reviewed and Evaluation Summary

7 Groundwater Samples:	MW-3-50, MW-15-60, MW-39S, MW-40S, MW-GF-21R, MW-GF-22, DUP-01[1]
1 Equipment Blank:	EQUIPMENT BLANK
1 Trip Blank:	TRIP BLANK
	[1]Field duplicate of MW-40S

The above-listed samples were collected November 25 and 26, 2025 and were analyzed for one or more of the following parameters:

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Methods 3510C/8270E

The data validation was performed in accordance with the following, modified for the methodologies used:

- USEPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA-540-R-20-005), November 2020
- EPA Region 2 Validating VOCs by Gas Chromatography/Mass Spectrometry (GC/MS), SOP HW-24, Revision 4, September 2014
- EPA Region 2 Validating SVOCs by GC/MS, SOP HW-22, Revision 5, December 2010
- Quality Assurance Project Plan (QAPP) for Site Management Plan at the MTA Long Island Rail Road Morris Park and Richmond Hill Yards, Richmond Hill, Queens, New York, July 2019

The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
* • Holding Times and Sample Preservation
* • Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
* • Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
* • Laboratory Control Sample (LCS) Results
* • Internal Standards
- Field Duplicate Results

- Sample Results and Reported Quantitation Limits (QLs)
* • Target Compound Identification

* - All criteria were met.

Overall Evaluation of Data and Potential Usability Issues

All results are usable for project objectives. Qualifications applied to the data as a result of sampling error are discussed below.

- The positive and nondetect results for fluorene, naphthalene, and phenanthrene were qualified as estimated (J/UJ) in samples MW-40S and DUP-01 due to field duplicate variability. These results can be used for project objectives as estimated values and as nondetects with estimated QLs, which may have a minor impact on the data usability.

Qualifications applied to the data as a result of analytical error are discussed below.

- The nondetect results for 1,4-dioxane in all samples in this data set were qualified as estimated (UJ) due to an initial calibration (IC) nonconformance. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

- The nondetect results for select VOCs and SVOCs in several samples were qualified as estimated (UJ) due to continuing calibration (CC) nonconformances. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

- The nondetect results for select SVOCs in samples MW-40S and DUP-01 were qualified as estimated (UJ) due to low MSD recoveries. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

Data Completeness

The data package was a complete Level IV data deliverable with the following notes.

- Results below the lowest calibration standard and QL were not reported by the laboratory.

- Only reference mass spectra were visible in the raw data; raw and subtracted mass spectra for each detected sample result were not visible. Since the reported detected compounds had ion ratios within the lower and upper ranges provided in the raw data, no further action was taken.

No validation actions were required on this basis and the laboratory was not contacted about these issues.

Holding Times and Sample Preservation

All holding time and sample preservation method criteria were met for the VOC and SVOC analyses.

Note that for VOCs, the pH of each sample was measured upon receipt at the laboratory using one of the 40mL vials submitted for VOC analyses; the laboratory has stated during previous rounds of

validation on other projects that the vial used for measuring pH was not used for analysis. No validation actions were taken on this basis.

GC/MS Tunes

All criteria were met in the VOC and SVOC analyses.

Initial and Continuing Calibrations

VOCs

All percent relative standard deviations (%RSDs) for target compounds were within the acceptance criteria in the IC associated with the samples in this data set. The following table summarizes the relative response factor (RRF) that did not meet the acceptance criteria in the IC associated with the samples in this data set and the validation actions.

Instrument/ IC Date	Compound	RRF	Validation Actions
GCMS_1 11/25/2025	1,4-Dioxane	0.00920	The nondetect results for 1,4-dioxane were qualified as estimated (UJ) in the associated samples. These results were not rejected since the percent recovery (%R) of 1,4-dioxane in the lowest calibration standard (97.1%) was >70%.
Associated samples: All samples in this data set.			

The RRFs were within the acceptance criteria in the CCs. The following table summarizes the percent difference (%D) in the CC standard that did not meet the acceptance criteria, the associated samples, and the validation actions.

CC	Compound	%D	Validation Action
12/02/2025 @ 22:18 GCMS_1	Trichlorofluoromethane	23.35	The nondetect results for trichlorofluoromethane were qualified as estimated (UJ) in the associated samples.
Associated samples: All samples in this data set.			

Initial calibration verification (ICV) results were not reviewed since the ICVs did not immediately precede any sample analyses.

SVOCs

The correlation coefficients, %RSDs, and RRFs were within the acceptance criteria in the ICs associated with the samples in this data set.

The RRFs were within the acceptance criteria in the CCs. The following table summarizes the %Ds in the CC standards that did not meet the acceptance criteria, the associated samples, and the validation actions.

CC	Compound	%D	Validation Action
12/01/2025 @ 08:01 GCMS_7	Benzaldehyde	40.37	The nondetect results for the listed SVOCs were qualified as estimated (UJ) in the associated samples.
	bis(2-Chloroisopropyl)ether	23.07	
	Indeno(1,2,3-cd)pyrene	20.66	
Associated samples: MW-3-50, MW-15-60, MW-GF-21R, EQUIPMENT BLANK			
12/02/2025	Phenol	28.21	The nondetect results for the listed SVOCs were qualified as

CC	Compound	%D	Validation Action
@ 08:16 GCMS_7	bis(2-Chloroisopropyl)ether	26.48	estimated (UJ) in the associated samples.
Associated samples: MW-39S, MW-40S, MW-GF-22, DUP-01			

ICV results were not reviewed since the ICVs did not immediately precede any sample analyses.

Blanks

VOCs

There were no target VOCs detected in the method blank or equipment blank associated with the samples in this data set. Acetone was detected in the trip blank, TRIP BLANK, associated with all samples in this data set, at 6.8 µg/L. Qualification of acetone results in the associated samples was not required since acetone was not detected in these samples.

SVOCs

There were no target SVOCs detected in the method blank or equipment blank associated with the samples in this data set.

Surrogate Recoveries

All criteria were met in the VOC and SVOC analyses.

MS/MSD Results

MS/MSD analyses were performed on sample MW-40S for VOCs and SVOCs. All criteria were met for target compounds in the VOC MS/MSD analyses performed on sample MW-40S. The table below summarizes the SVOC MS/MSD %Rs and relative percent differences (RPDs) for target compounds that were outside of the laboratory's acceptance criteria, the associated sample, and the validation action.

MS/MSD Sample ID	Compound	MS %R	MSD %R	RPD (%)	MS/MSD %R/RPD QC Limits	Validation Action
MW-40S	2-Chlorophenol	-	48	54	50-123/47	The nondetect results for the listed compounds were qualified as estimated (UJ) in sample MW-40S and its field duplicate, DUP-01.
	2,4-Dinitrophenol	-	15	160	42-160/63	
	3&4-Methylphenol	-	48	48	53-129/28	
	4-Nitrophenol	-	20	73	27-141/33	
	Hexachloroethane	135	-	-	19-132/-	No validation action was taken on this basis since the results for the listed compounds in sample MW-40S and its field duplicate, DUP-01, were nondetect.
	n-Nitrosodiphenylamine	119	-	-	44-112/-	
	2-Methylphenol	-	-	47	-/34	
	2,4-Dichlorophenol	-	-	43	-/37	
	2,3,4,6-Tetrachlorophenol	-	-	44	-/36	
	2,4,5-Trichlorophenol	-	-	40	-/35	
	4-Chloro-3-methylphenol	-	-	35	-/28	
	4,6-Dinitro-2-methylphenol	-	-	76	-/46	
	Pentachlorophenol	-	-	56	-/32	
-: Met criteria						

LCS Results

All %Rs met the laboratory acceptance criteria for the VOC and SVOC analyses.

Internal Standards

The internal standard results met the acceptance criteria for the VOC and SVOC analyses.

Field Duplicate Results

Samples MW-40S and DUP-01 were submitted as the field duplicate pair with this sample set. The following table summarizes the RPDs and/or absolute differences (AbsDs), where applicable, of the detected results. All criteria were met except as noted below. The following criteria were used in the comparison of the field duplicate results:

- When both results are ≥ 5x the QL, RPDs must be ≤ 30%.
- When one or both results are < 5x the QL, AbsD must be ≤ the QL.
- When one result is nondetect, the nondetect (ND) result is represented by the QL value in calculating the AbsD.

Parameter	Compound	QLs (µg/L)	MW-40S (µg/L)	DUP-01 (µg/L)	RPD (%) or AbsD (µg/L)	Validation Action
VOC	Isopropylbenzene	1.0	4.8	4.9	AbsD = 0.1	No validation action was required since all criteria were met.
SVOC	Fluorene	1.9	9.6	13	RPD = 30.1	The positive results for fluorene and phenanthrene in samples MW-40S and DUP-01 were qualified as estimated (J).
	Phenanthrene	1.9	8.4	13	AbsD = 4.6	
	Naphthalene	1.9	4.7	ND	AbsD = 2.8	The positive and nondetect results for naphthalene in samples MW-40S and DUP-01 were qualified as estimated (J/UJ, respectively).
	2-Methylnaphthalene	1.9	4.7	4.7	AbsD = 0	No validation action was required since all criteria were met.
	Acenaphthene	1.9	8.4	10	AbsD = 1.6	
	Dibenzofuran	1.9	5.4	6.6	AbsD = 1.2	

Sample Results and Reported QLs

Sample calculations were spot-checked; there were no errors noted.

There were no dilutions performed on the samples in this data set. Most laboratory QLs were at or below the QLs in Table 1 of the QAPP but may exceed the data quality levels (DQLs) (Division of Water Technical and Operational Guidance Series [TOGS] Ambient Water Quality Standards and Guidance Values) in some instances. No validation actions were required on this basis.

Target Compound Identification

All criteria were met.

QUALIFIED FORM 1s

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-001
Client Id: TRIP BLANK
Data File: 1M211773.D
Analysis Date: 12/03/25 04:31
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		108-90-7	Chlorobenzene	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		75-00-3	Chloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	0.50	U		67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		74-87-3	Chloromethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		100-41-4	Ethylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79601-23-1	m&p-Xylenes	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		79-20-9	Methyl Acetate	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
123-91-1	1,4-Dioxane	50	U	UJ	75-09-2	Methylene Chloride	1.0	U	
78-93-3	2-Butanone	1.0	U		1634-04-4	Methyl-t-butyl ether	0.53	U	
591-78-6	2-Hexanone	1.0	U		95-47-6	o-Xylene	1.0	U	
108-10-1	4-Methyl-2-Pentanone	1.0	U		100-42-5	Styrene	1.0	U	
67-64-1	**Acetone**	**5.0**	**6.8**		127-18-4	Tetrachloroethene	1.0	U	
71-43-2	Benzene	0.50	U		108-88-3	Toluene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
75-27-4	Bromodichloromethane	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
75-25-2	Bromoform	1.0	U		79-01-6	Trichloroethene	1.0	U	
74-83-9	Bromomethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	UJ
75-15-0	Carbon Disulfide	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
542-75-6	1,3-Dichloropropene (Total)	1.0	U		1330-20-7	Xylenes (Total)	1.0	U	

Worksheet #: 818475

Total Target Concentration 6.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-002
Client Id: EQUIPMENT BLANK
Data File: 1M211775.D
Analysis Date: 12/03/25 05:10
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		108-90-7	Chlorobenzene	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		75-00-3	Chloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	0.50	U		67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		74-87-3	Chloromethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		100-41-4	Ethylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79601-23-1	m&p-Xylenes	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		79-20-9	Methyl Acetate	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
123-91-1	1,4-Dioxane	50	U	UJ	75-09-2	Methylene Chloride	1.0	U	
78-93-3	2-Butanone	1.0	U		1634-04-4	Methyl-t-butyl ether	0.53	U	
591-78-6	2-Hexanone	1.0	U		95-47-6	o-Xylene	1.0	U	
108-10-1	4-Methyl-2-Pentanone	1.0	U		100-42-5	Styrene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
71-43-2	Benzene	0.50	U		108-88-3	Toluene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
75-27-4	Bromodichloromethane	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
75-25-2	Bromoform	1.0	U		79-01-6	Trichloroethene	1.0	U	
74-83-9	Bromomethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	UJ
75-15-0	Carbon Disulfide	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
542-75-6	1,3-Dichloropropene (Total)	1.0	U		1330-20-7	Xylenes (Total)	1.0	U	

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-003
Client Id: MW-3-50
Data File: 1M211760.D
Analysis Date: 12/03/25 00:15
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	**110-82-7**	**Cyclohexane**	**1.0**	**2.5**
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**6.9**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	**108-87-2**	**Methylcyclohexane**	**1.0**	**5.0**
123-91-1	1,4-Dioxane	50	U UJ	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	**95-47-6**	**o-Xylene**	**1.0**	**1.1**
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	**Benzene**	**0.50**	**0.81**	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	**1330-20-7**	**Xylenes (Total)**	**1.0**	**1.1**

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-004
Client Id: MW-15-60
Data File: 1M211776.D
Analysis Date: 12/03/25 05:30
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		108-90-7	Chlorobenzene	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		75-00-3	Chloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	0.50	U		67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		74-87-3	Chloromethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		100-41-4	Ethylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79601-23-1	m&p-Xylenes	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		79-20-9	Methyl Acetate	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
123-91-1	1,4-Dioxane	50	U	UJ	75-09-2	Methylene Chloride	1.0	U	
78-93-3	2-Butanone	1.0	U		1634-04-4	Methyl-t-butyl ether	0.53	U	
591-78-6	2-Hexanone	1.0	U		95-47-6	o-Xylene	1.0	U	
108-10-1	4-Methyl-2-Pentanone	1.0	U		100-42-5	Styrene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
71-43-2	Benzene	0.50	U		108-88-3	Toluene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
75-27-4	Bromodichloromethane	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
75-25-2	Bromoform	1.0	U		79-01-6	Trichloroethene	1.0	U	
74-83-9	Bromomethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	UJ
75-15-0	Carbon Disulfide	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
542-75-6	1,3-Dichloropropene (Total)	1.0	U		1330-20-7	Xylenes (Total)	1.0	U	

Worksheet #: 818475

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-005
Client Id: MW-GF-21R
Data File: 1M211777.D
Analysis Date: 12/03/25 05:49
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	**156-59-2**	**cis-1,2-Dichloroethene**	**1.0**	**1.3**
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	**110-82-7**	**Cyclohexane**	**1.0**	**1.8**
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	**108-87-2**	**Methylcyclohexane**	**1.0**	**1.9**
123-91-1	1,4-Dioxane	50	U UJ	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	U UJ
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-006
Client Id: MW-GF-22
Data File: 1M211778.D
Analysis Date: 12/03/25 06:09
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	98-82-8	Isopropylbenzene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ UJ	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	**127-18-4**	**Tetrachloroethene**	**1.0**	**2.3**
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	~~U~~ UJ
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 2.3

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-007
Client Id: MW-40S
Data File: 1M211758.D
Analysis Date: 12/02/25 23:36
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	1.0	U	56-23-5	Carbon Tetrachloride	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	108-90-7	Chlorobenzene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U	75-00-3	Chloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	0.50	U	67-66-3	Chloroform	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U	74-87-3	Chloromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U	156-59-2	cis-1,2-Dichloroethene	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U	10061-01-5	cis-1,3-Dichloropropene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	110-82-7	Cyclohexane	1.0	U
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U	124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U	75-71-8	Dichlorodifluoromethane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U	100-41-4	Ethylbenzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U	**98-82-8**	**Isopropylbenzene**	**1.0**	**4.8**
78-87-5	1,2-Dichloropropane	1.0	U	79601-23-1	m&p-Xylenes	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U	79-20-9	Methyl Acetate	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U	108-87-2	Methylcyclohexane	1.0	U
123-91-1	1,4-Dioxane	50	~~U~~ UJ	75-09-2	Methylene Chloride	1.0	U
78-93-3	2-Butanone	1.0	U	1634-04-4	Methyl-t-butyl ether	0.53	U
591-78-6	2-Hexanone	1.0	U	95-47-6	o-Xylene	1.0	U
108-10-1	4-Methyl-2-Pentanone	1.0	U	100-42-5	Styrene	1.0	U
67-64-1	Acetone	5.0	U	127-18-4	Tetrachloroethene	1.0	U
71-43-2	Benzene	0.50	U	108-88-3	Toluene	1.0	U
74-97-5	Bromochloromethane	1.0	U	156-60-5	trans-1,2-Dichloroethene	1.0	U
75-27-4	Bromodichloromethane	0.50	U	10061-02-6	trans-1,3-Dichloropropene	1.0	U
75-25-2	Bromoform	1.0	U	79-01-6	Trichloroethene	1.0	U
74-83-9	Bromomethane	1.0	U	75-69-4	Trichlorofluoromethane	1.0	~~U~~ UJ
75-15-0	Carbon Disulfide	1.0	U	75-01-4	Vinyl Chloride	1.0	U
542-75-6	1,3-Dichloropropene (Total)	1.0	U	1330-20-7	Xylenes (Total)	1.0	U

Worksheet #: 818475

Total Target Concentration 4.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-010
Client Id: DUP-01
Data File: 1M211759.D
Analysis Date: 12/02/25 23:55
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		108-90-7	Chlorobenzene	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		75-00-3	Chloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	0.50	U		67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		74-87-3	Chloromethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		100-41-4	Ethylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U		**98-82-8**	**Isopropylbenzene**	**1.0**	**4.9**	
78-87-5	1,2-Dichloropropane	1.0	U		79601-23-1	m&p-Xylenes	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		79-20-9	Methyl Acetate	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
123-91-1	1,4-Dioxane	50	U	UJ	75-09-2	Methylene Chloride	1.0	U	
78-93-3	2-Butanone	1.0	U		1634-04-4	Methyl-t-butyl ether	0.53	U	
591-78-6	2-Hexanone	1.0	U		95-47-6	o-Xylene	1.0	U	
108-10-1	4-Methyl-2-Pentanone	1.0	U		100-42-5	Styrene	1.0	U	
67-64-1	Acetone	5.0	U		127-18-4	Tetrachloroethene	1.0	U	
71-43-2	Benzene	0.50	U		108-88-3	Toluene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
75-27-4	Bromodichloromethane	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
75-25-2	Bromoform	1.0	U		79-01-6	Trichloroethene	1.0	U	
74-83-9	Bromomethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	UJ
75-15-0	Carbon Disulfide	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
542-75-6	1,3-Dichloropropene (Total)	1.0	U		1330-20-7	Xylenes (Total)	1.0	U	

Worksheet #: 818475

Total Target Concentration 4.9

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AD56733-011
Client Id: MW-39S
Data File: 1M211779.D
Analysis Date: 12/03/25 06:28
Date Rec/Extracted: 11/26/25-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260D
Matrix: Aqueous
Initial Vol: 5ml
Final Vol: NA
Dilution: 1.00
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
71-55-6	1,1,1-Trichloroethane	1.0	U		56-23-5	Carbon Tetrachloride	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		108-90-7	Chlorobenzene	1.0	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	1.0	U		75-00-3	Chloroethane	1.0	U	
79-00-5	1,1,2-Trichloroethane	0.50	U		67-66-3	Chloroform	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U		74-87-3	Chloromethane	1.0	U	
75-35-4	1,1-Dichloroethene	1.0	U		156-59-2	cis-1,2-Dichloroethene	1.0	U	
87-61-6	1,2,3-Trichlorobenzene	1.0	U		10061-01-5	cis-1,3-Dichloropropene	1.0	U	
120-82-1	1,2,4-Trichlorobenzene	1.0	U		110-82-7	Cyclohexane	1.0	U	
96-12-8	1,2-Dibromo-3-Chloropropa	1.0	U		124-48-1	Dibromochloromethane	1.0	U	
106-93-4	1,2-Dibromoethane	1.0	U		75-71-8	Dichlorodifluoromethane	1.0	U	
95-50-1	1,2-Dichlorobenzene	1.0	U		100-41-4	Ethylbenzene	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U		98-82-8	Isopropylbenzene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U		79601-23-1	m&p-Xylenes	1.0	U	
541-73-1	1,3-Dichlorobenzene	1.0	U		79-20-9	Methyl Acetate	1.0	U	
106-46-7	1,4-Dichlorobenzene	1.0	U		108-87-2	Methylcyclohexane	1.0	U	
123-91-1	1,4-Dioxane	50	U	UJ	75-09-2	Methylene Chloride	1.0	U	
78-93-3	2-Butanone	1.0	U		1634-04-4	Methyl-t-butyl ether	0.53	U	
591-78-6	2-Hexanone	1.0	U		95-47-6	o-Xylene	1.0	U	
108-10-1	4-Methyl-2-Pentanone	1.0	U		100-42-5	Styrene	1.0	U	
67-64-1	Acetone	5.0	U		**127-18-4**	**Tetrachloroethene**	**1.0**	**6.2**	
71-43-2	Benzene	0.50	U		108-88-3	Toluene	1.0	U	
74-97-5	Bromochloromethane	1.0	U		156-60-5	trans-1,2-Dichloroethene	1.0	U	
75-27-4	Bromodichloromethane	0.50	U		10061-02-6	trans-1,3-Dichloropropene	1.0	U	
75-25-2	Bromoform	1.0	U		**79-01-6**	**Trichloroethene**	**1.0**	**1.0**	
74-83-9	Bromomethane	1.0	U		75-69-4	Trichlorofluoromethane	1.0	U	UJ
75-15-0	Carbon Disulfide	1.0	U		75-01-4	Vinyl Chloride	1.0	U	
542-75-6	1,3-Dichloropropene (Total)	1.0	U		1330-20-7	Xylenes (Total)	1.0	U	

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-002
Client Id: EQUIPMENT BLANK
Data File: 7M147430.D
Analysis Date: 12/01/25 18:16
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U UJ
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U UJ
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	91-20-3	Naphthalene	1.9	U
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U UJ	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-003
Client Id: MW-3-50
Data File: 7M147431.D
Analysis Date: 12/01/25 18:38
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U UJ
105-67-9	2,4-Dimethylphenol	1.2	U	**117-81-7**	**bis(2-Ethylhexyl)phthalate**	**1.9**	**2.0**
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**58**	**132-64-9**	**Dibenzofuran**	**1.9**	**8.0**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**16**
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U UJ
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**6.0**
83-32-9	**Acenaphthene**	**1.9**	**12**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**18**
100-52-7	Benzaldehyde	1.9	~~U~~ UJ	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	**129-00-0**	**Pyrene**	**1.9**	**2.0**

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-004
Client Id: MW-15-60
Data File: 7M147432.D
Analysis Date: 12/01/25 19:00
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1050ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.48	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.48	U
120-83-2	2,4-Dichlorophenol	0.48	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U UJ
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.5	U	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U
95-48-7	2-Methylphenol	0.56	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.52	U	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U
534-52-1	4,6-Dinitro-2-methylphenol	9.5	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.1	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U UJ
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**8.2**
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.54	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.48	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.5	U
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U
100-52-7	Benzaldehyde	1.9	U UJ	108-95-2	Phenol	1.9	U
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

Worksheet #: 818576

Total Target Concentration 8.2

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-005
Client Id: MW-GF-21R
Data File: 7M147433.D
Analysis Date: 12/01/25 19:22
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 950ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.1	U	50-32-8	Benzo[a]pyrene	2.1	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	205-99-2	Benzo[b]fluoranthene	2.1	U
123-91-1	1,4-Dioxane	0.53	U	191-24-2	Benzo[g,h,i]perylene	2.1	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	207-08-9	Benzo[k]fluoranthene	2.1	U
95-95-4	2,4,5-Trichlorophenol	2.1	U	111-91-1	bis(2-Chloroethoxy)methan	2.1	U
88-06-2	2,4,6-Trichlorophenol	2.1	U	111-44-4	bis(2-Chloroethyl)ether	0.53	U
120-83-2	2,4-Dichlorophenol	0.53	U	108-60-1	bis(2-chloroisopropyl)ether	2.1	U UJ
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.1	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.1	U
121-14-2	2,4-Dinitrotoluene	2.1	U	105-60-2	Caprolactam	2.1	U
606-20-2	2,6-Dinitrotoluene	2.1	U	86-74-8	Carbazole	2.1	U
91-58-7	2-Chloronaphthalene	2.1	U	218-01-9	Chrysene	2.1	U
95-57-8	2-Chlorophenol	2.1	U	53-70-3	Dibenzo[a,h]anthracene	2.1	U
91-57-6	2-Methylnaphthalene	2.1	U	132-64-9	Dibenzofuran	2.1	U
95-48-7	2-Methylphenol	0.62	U	84-66-2	Diethylphthalate	2.1	U
88-74-4	2-Nitroaniline	2.1	U	131-11-3	Dimethylphthalate	2.1	U
88-75-5	2-Nitrophenol	2.1	U	84-74-2	Di-n-butylphthalate	2.1	U
106-44-5	3&4-Methylphenol	0.57	U	117-84-0	Di-n-octylphthalate	2.1	U
91-94-1	3,3'-Dichlorobenzidine	2.1	U	206-44-0	Fluoranthene	2.1	U
99-09-2	3-Nitroaniline	2.1	U	**86-73-7**	**Fluorene**	**2.1**	**3.6**
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.1	U
101-55-3	4-Bromophenyl-phenylether	2.1	U	87-68-3	Hexachlorobutadiene	2.1	U
59-50-7	4-Chloro-3-methylphenol	2.1	U	77-47-4	Hexachlorocyclopentadiene	6.8	U
106-47-8	4-Chloroaniline	2.1	U	67-72-1	Hexachloroethane	2.1	U
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.1	U UJ
100-01-6	4-Nitroaniline	2.1	U	78-59-1	Isophorone	2.1	U
100-02-7	4-Nitrophenol	2.1	U	91-20-3	Naphthalene	2.1	U
83-32-9	**Acenaphthene**	**2.1**	**2.4**	98-95-3	Nitrobenzene	0.60	U
208-96-8	Acenaphthylene	2.1	U	621-64-7	N-Nitroso-di-n-propylamine	0.53	U
98-86-2	Acetophenone	2.1	U	86-30-6	n-Nitrosodiphenylamine	2.1	U
120-12-7	Anthracene	2.1	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.1	U	85-01-8	Phenanthrene	2.1	U
100-52-7	Benzaldehyde	2.1	U UJ	108-95-2	Phenol	2.1	U
56-55-3	Benzo[a]anthracene	2.1	U	129-00-0	Pyrene	2.1	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-006
Client Id: MW-GF-22
Data File: 7M147439.D
Analysis Date: 12/02/25 09:47
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 930ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	2.2	U	50-32-8	Benzo[a]pyrene	2.2	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	205-99-2	Benzo[b]fluoranthene	2.2	U
123-91-1	1,4-Dioxane	0.54	U	191-24-2	Benzo[g,h,i]perylene	2.2	U
58-90-2	2,3,4,6-Tetrachlorophenol	2.2	U	207-08-9	Benzo[k]fluoranthene	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U	111-91-1	bis(2-Chloroethoxy)methan	2.2	U
88-06-2	2,4,6-Trichlorophenol	2.2	U	111-44-4	bis(2-Chloroethyl)ether	0.54	U
120-83-2	2,4-Dichlorophenol	0.54	U	108-60-1	bis(2-chloroisopropyl)ether	2.2	U UJ
105-67-9	2,4-Dimethylphenol	1.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	2.2	U
51-28-5	2,4-Dinitrophenol	11	U	85-68-7	Butylbenzylphthalate	2.2	U
121-14-2	2,4-Dinitrotoluene	2.2	U	105-60-2	Caprolactam	2.2	U
606-20-2	2,6-Dinitrotoluene	2.2	U	86-74-8	Carbazole	2.2	U
91-58-7	2-Chloronaphthalene	2.2	U	218-01-9	Chrysene	2.2	U
95-57-8	2-Chlorophenol	2.2	U	53-70-3	Dibenzo[a,h]anthracene	2.2	U
91-57-6	2-Methylnaphthalene	2.2	U	132-64-9	Dibenzofuran	2.2	U
95-48-7	2-Methylphenol	0.63	U	84-66-2	Diethylphthalate	2.2	U
88-74-4	2-Nitroaniline	2.2	U	131-11-3	Dimethylphthalate	2.2	U
88-75-5	2-Nitrophenol	2.2	U	84-74-2	Di-n-butylphthalate	2.2	U
106-44-5	3&4-Methylphenol	0.59	U	117-84-0	Di-n-octylphthalate	2.2	U
91-94-1	3,3'-Dichlorobenzidine	2.2	U	206-44-0	Fluoranthene	2.2	U
99-09-2	3-Nitroaniline	2.2	U	86-73-7	Fluorene	2.2	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U	118-74-1	Hexachlorobenzene	2.2	U
101-55-3	4-Bromophenyl-phenylether	2.2	U	87-68-3	Hexachlorobutadiene	2.2	U
59-50-7	4-Chloro-3-methylphenol	2.2	U	77-47-4	Hexachlorocyclopentadiene	6.9	U
106-47-8	4-Chloroaniline	2.2	U	67-72-1	Hexachloroethane	2.2	U
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	193-39-5	Indeno[1,2,3-cd]pyrene	2.2	U
100-01-6	4-Nitroaniline	2.2	U	78-59-1	Isophorone	2.2	U
100-02-7	4-Nitrophenol	2.2	U	91-20-3	Naphthalene	2.2	U
83-32-9	Acenaphthene	2.2	U	98-95-3	Nitrobenzene	0.61	U
208-96-8	Acenaphthylene	2.2	U	621-64-7	N-Nitroso-di-n-propylamine	0.54	U
98-86-2	Acetophenone	2.2	U	86-30-6	n-Nitrosodiphenylamine	2.2	U
120-12-7	Anthracene	2.2	U	87-86-5	Pentachlorophenol	11	U
1912-24-9	Atrazine	2.2	U	85-01-8	Phenanthrene	2.2	U
100-52-7	Benzaldehyde	2.2	U	108-95-2	Phenol	2.2	U UJ
56-55-3	Benzo[a]anthracene	2.2	U	129-00-0	Pyrene	2.2	U

Worksheet #: 818576

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-007
Client Id: MW-40S
Data File: 7M147436.D
Analysis Date: 12/02/25 08:41
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U UJ
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U
51-28-5	2,4-Dinitrophenol	9.7	U UJ	85-68-7	Butylbenzylphthalate	1.9	U
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U
95-57-8	2-Chlorophenol	1.9	U UJ	53-70-3	Dibenzo[a,h]anthracene	1.9	U
91-57-6	**2-Methylnaphthalene**	**1.9**	**4.7**	**132-64-9**	**Dibenzofuran**	**1.9**	**5.4**
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U
106-44-5	3&4-Methylphenol	0.53	U UJ	117-84-0	Di-n-octylphthalate	1.9	U
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U
99-09-2	3-Nitroaniline	1.9	U	**86-73-7**	**Fluorene**	**1.9**	**9.6** J
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U
100-02-7	4-Nitrophenol	1.9	U UJ	**91-20-3**	**Naphthalene**	**1.9**	**4.7** J
83-32-9	**Acenaphthene**	**1.9**	**8.4**	98-95-3	Nitrobenzene	0.55	U
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U
1912-24-9	Atrazine	1.9	U	**85-01-8**	**Phenanthrene**	**1.9**	**8.4** J
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U UJ
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-010
Client Id: DUP-01
Data File: 7M147440.D
Analysis Date: 12/02/25 10:08
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc		Cas #	Compound	RL	Conc	
92-52-4	1,1'-Biphenyl	1.9	U		50-32-8	Benzo[a]pyrene	1.9	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U		205-99-2	Benzo[b]fluoranthene	1.9	U	
123-91-1	1,4-Dioxane	0.49	U		191-24-2	Benzo[g,h,i]perylene	1.9	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U		207-08-9	Benzo[k]fluoranthene	1.9	U	
95-95-4	2,4,5-Trichlorophenol	1.9	U		111-91-1	bis(2-Chloroethoxy)methan	1.9	U	
88-06-2	2,4,6-Trichlorophenol	1.9	U		111-44-4	bis(2-Chloroethyl)ether	0.49	U	
120-83-2	2,4-Dichlorophenol	0.49	U		108-60-1	bis(2-chloroisopropyl)ether	1.9	~~U~~	UJ
105-67-9	2,4-Dimethylphenol	1.2	U		117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U	
51-28-5	2,4-Dinitrophenol	9.7	~~U~~	UJ	85-68-7	Butylbenzylphthalate	1.9	U	
121-14-2	2,4-Dinitrotoluene	1.9	U		105-60-2	Caprolactam	1.9	U	
606-20-2	2,6-Dinitrotoluene	1.9	U		86-74-8	Carbazole	1.9	U	
91-58-7	2-Chloronaphthalene	1.9	U		218-01-9	Chrysene	1.9	U	
95-57-8	2-Chlorophenol	1.9	~~U~~	UJ	53-70-3	Dibenzo[a,h]anthracene	1.9	U	
91-57-6	**2-Methylnaphthalene**	**1.9**	**4.7**		**132-64-9**	**Dibenzofuran**	**1.9**	**6.6**	
95-48-7	2-Methylphenol	0.57	U		84-66-2	Diethylphthalate	1.9	U	
88-74-4	2-Nitroaniline	1.9	U		131-11-3	Dimethylphthalate	1.9	U	
88-75-5	2-Nitrophenol	1.9	U		84-74-2	Di-n-butylphthalate	1.9	U	
106-44-5	3&4-Methylphenol	0.53	~~U~~	UJ	117-84-0	Di-n-octylphthalate	1.9	U	
91-94-1	3,3'-Dichlorobenzidine	1.9	U		206-44-0	Fluoranthene	1.9	U	
99-09-2	3-Nitroaniline	1.9	U		**86-73-7**	**Fluorene**	**1.9**	**13**	J
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U		118-74-1	Hexachlorobenzene	1.9	U	
101-55-3	4-Bromophenyl-phenylether	1.9	U		87-68-3	Hexachlorobutadiene	1.9	U	
59-50-7	4-Chloro-3-methylphenol	1.9	U		77-47-4	Hexachlorocyclopentadiene	6.2	U	
106-47-8	4-Chloroaniline	1.9	U		67-72-1	Hexachloroethane	1.9	U	
7005-72-3	4-Chlorophenyl-phenylether	1.9	U		193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U	
100-01-6	4-Nitroaniline	1.9	U		78-59-1	Isophorone	1.9	U	
100-02-7	4-Nitrophenol	1.9	~~U~~	UJ	91-20-3	Naphthalene	1.9	~~U~~	UJ
83-32-9	**Acenaphthene**	**1.9**	**10**		98-95-3	Nitrobenzene	0.55	U	
208-96-8	Acenaphthylene	1.9	U		621-64-7	N-Nitroso-di-n-propylamine	0.49	U	
98-86-2	Acetophenone	1.9	U		86-30-6	n-Nitrosodiphenylamine	1.9	U	
120-12-7	Anthracene	1.9	U		87-86-5	Pentachlorophenol	9.7	U	
1912-24-9	Atrazine	1.9	U		**85-01-8**	**Phenanthrene**	**1.9**	**13**	J
100-52-7	Benzaldehyde	1.9	U		108-95-2	Phenol	1.9	~~U~~	UJ
56-55-3	Benzo[a]anthracene	1.9	U		129-00-0	Pyrene	1.9	U	

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used
Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AD56733-011
Client Id: MW-39S
Data File: 7M147441.D
Analysis Date: 12/02/25 10:30
Date Rec/Extracted: 11/26/25-12/01/25
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270E
Matrix: Aqueous
Initial Vol: 1030ml
Final Vol: 1ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc	
92-52-4	1,1'-Biphenyl	1.9	U	50-32-8	Benzo[a]pyrene	1.9	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	205-99-2	Benzo[b]fluoranthene	1.9	U	
123-91-1	1,4-Dioxane	0.49	U	191-24-2	Benzo[g,h,i]perylene	1.9	U	
58-90-2	2,3,4,6-Tetrachlorophenol	1.9	U	207-08-9	Benzo[k]fluoranthene	1.9	U	
95-95-4	2,4,5-Trichlorophenol	1.9	U	111-91-1	bis(2-Chloroethoxy)methan	1.9	U	
88-06-2	2,4,6-Trichlorophenol	1.9	U	111-44-4	bis(2-Chloroethyl)ether	0.49	U	
120-83-2	2,4-Dichlorophenol	0.49	U	108-60-1	bis(2-chloroisopropyl)ether	1.9	U	UJ
105-67-9	2,4-Dimethylphenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	1.9	U	
51-28-5	2,4-Dinitrophenol	9.7	U	85-68-7	Butylbenzylphthalate	1.9	U	
121-14-2	2,4-Dinitrotoluene	1.9	U	105-60-2	Caprolactam	1.9	U	
606-20-2	2,6-Dinitrotoluene	1.9	U	86-74-8	Carbazole	1.9	U	
91-58-7	2-Chloronaphthalene	1.9	U	218-01-9	Chrysene	1.9	U	
95-57-8	2-Chlorophenol	1.9	U	53-70-3	Dibenzo[a,h]anthracene	1.9	U	
91-57-6	2-Methylnaphthalene	1.9	U	132-64-9	Dibenzofuran	1.9	U	
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	1.9	U	
88-74-4	2-Nitroaniline	1.9	U	131-11-3	Dimethylphthalate	1.9	U	
88-75-5	2-Nitrophenol	1.9	U	84-74-2	Di-n-butylphthalate	1.9	U	
106-44-5	3&4-Methylphenol	0.53	U	117-84-0	Di-n-octylphthalate	1.9	U	
91-94-1	3,3'-Dichlorobenzidine	1.9	U	206-44-0	Fluoranthene	1.9	U	
99-09-2	3-Nitroaniline	1.9	U	86-73-7	Fluorene	1.9	U	
534-52-1	4,6-Dinitro-2-methylphenol	9.7	U	118-74-1	Hexachlorobenzene	1.9	U	
101-55-3	4-Bromophenyl-phenylether	1.9	U	87-68-3	Hexachlorobutadiene	1.9	U	
59-50-7	4-Chloro-3-methylphenol	1.9	U	77-47-4	Hexachlorocyclopentadiene	6.2	U	
106-47-8	4-Chloroaniline	1.9	U	67-72-1	Hexachloroethane	1.9	U	
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	193-39-5	Indeno[1,2,3-cd]pyrene	1.9	U	
100-01-6	4-Nitroaniline	1.9	U	78-59-1	Isophorone	1.9	U	
100-02-7	4-Nitrophenol	1.9	U	**91-20-3**	**Naphthalene**	**1.9**	**2.7**	
83-32-9	Acenaphthene	1.9	U	98-95-3	Nitrobenzene	0.55	U	
208-96-8	Acenaphthylene	1.9	U	621-64-7	N-Nitroso-di-n-propylamine	0.49	U	
98-86-2	Acetophenone	1.9	U	86-30-6	n-Nitrosodiphenylamine	1.9	U	
120-12-7	Anthracene	1.9	U	87-86-5	Pentachlorophenol	9.7	U	
1912-24-9	Atrazine	1.9	U	85-01-8	Phenanthrene	1.9	U	
100-52-7	Benzaldehyde	1.9	U	108-95-2	Phenol	1.9	U	UJ
56-55-3	Benzo[a]anthracene	1.9	U	129-00-0	Pyrene	1.9	U	

Worksheet #: 818576

Total Target Concentration 2.7

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

N-Nitrosodiphenylamine decomposes in the GC inlet and is detected as diphenylamine

Chlordane (Total) is sum of a-Chlordane and y-Chlordane.

QC NONCONFORMANCE DOCUMENTATION

5112647 0136

Form 6
Initial Calibration

Method: EPA 8260D

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M211475.D	CAL @ 20 PPB	11/25/25 01:22	2	1M211471.D	CAL @ 5 PPB	11/25/25 00:03
3	1M211473.D	CAL @ 10 PPB	11/25/25 00:43	4	1M211477.D	CAL @ 50 PPB	11/25/25 02:01
5	1M211480.D	CAL @ 100 PPB	11/25/25 03:00	6	1M211483.D	CAL @ 250 PPB	11/25/25 03:58
7	1M211487.D	CAL @ 500 PPB	11/25/25 05:17	8	1M211470.D	CAL @ 1 PPB	11/24/25 23:44
9	1M211469.D	CAL @ 0.5 PPB	11/24/25 23:24				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.3847	0.4415	0.3685	0.3766	0.3707	0.4296	0.4331	0.4011	-----	0.401	1.72	0.999	0.999	7.5	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluorometha	1	0	Avg	0.4612	0.5165	0.4207	0.4279	0.4506	0.5159	0.5108	0.5147	-----	0.477	1.71	0.999	0.999	8.7	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.3679	0.4280	0.3673	0.3499	0.3552	0.3976	0.3938	0.4403	-----	0.388	1.89	1.00	1.00	8.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.3169	0.3714	0.3201	0.2931	0.3018	0.3771	0.4714	0.4788	-----	0.366	2.31	0.988	1.00	20	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Chloride	1	0	Avg	0.4587	0.4892	0.4425	0.4165	0.4362	0.4972	0.5001	0.5003	-----	0.468	2.00	0.999	0.999	7.1	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	Avg	0.2660	0.3088	0.2884	0.2531	0.2597	0.2998	0.2994	0.3744	-----	0.294	2.40	0.999	0.999	13	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichlorofluoromethan	1	0	Avg	0.7874	0.9341	0.7658	0.7251	0.7960	0.8749	0.8175	0.8870	-----	0.824	2.64	0.999	0.999	8.5	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl ether	1	0	Avg	0.3005	0.3864	0.3060	0.3088	0.3065	0.3476	0.3488	0.3903	-----	0.337	2.89	0.999	1.00	11	0.50 a	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Furan	1	0	Avg	0.4423	0.5274	0.4666	0.4508	0.4294	0.4943	0.4916	0.4712	-----	0.472	2.92	0.999	0.999	6.8	0.50 a	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,2-Trichloro-1,2,2-tr	1	0	Avg	0.3333	0.4030	0.3505	0.3400	0.3399	0.3969	0.3922	0.3823	-----	0.367	3.10	0.999	0.999	7.9	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.3666	0.4456	0.3528	0.3587	0.3639	0.4159	0.4075	0.4604	-----	0.396	3.52	0.999	0.999	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	Avg	0.0636	0.0719	0.0717	0.0709	0.0729	0.0865	0.0869	0.0659	-----	0.0738	3.00	0.999	0.999	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1820	0.2273	0.1879	0.1792	0.1840	0.2069	0.2042	0.2600	-----	0.204	3.72	0.999	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Avg	0.1482	0.1721	0.1461	0.1458	0.1484	0.1685	0.1618	0.1944	-----	0.161	3.13	0.999	0.999	11	0.10	100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.8398	0.9506	0.8086	0.8766	0.8770	1.0253	1.0236	1.0230	-----	0.928	3.32	0.999	0.999	9.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0532	0.0621	0.0540	0.0543	0.0565	0.0671	0.0663	0.0665	-----	0.0601	3.59	0.999	0.999	10		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	Avg	0.3089	0.3710	0.2903	0.3001	0.3013	0.3387	0.3426	0.3151	-----	0.321	4.00	0.999	1.00	8.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	0.8798	1.0055	0.8862	0.9354	0.9063	1.0298	1.0318	0.9273	-----	0.950	4.14	0.999	1.00	6.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1-Dichloroethene	1	0	Avg	0.4653	0.5765	0.4635	0.4863	0.4641	0.5353	0.5270	0.5295	-----	0.506	3.10	0.999	0.999	8.3	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	Avg	0.3368	0.3771	0.3261	0.3312	0.3251	0.3786	0.3734	0.4018	-----	0.356	3.42	0.999	0.999	8.3	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	1.0374	1.2577	1.0405	1.0658	1.0761	1.2297	1.2346	1.1119	1.0137	1.12	3.76	0.999	1.00	8.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1,1-Dichloroethane	1	0	Avg	0.5792	0.6430	0.5884	0.5954	0.5865	0.6638	0.6415	0.5939	-----	0.611	4.10	0.999	0.999	5.3	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1,2-Dichloroethe	1	0	Avg	0.3913	0.4387	0.3882	0.3727	0.3876	0.4374	0.4374	0.4982	-----	0.419	3.76	0.999	1.00	10	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl-t-butyl ether	1	0	Avg	0.9903	1.1693	0.9788	1.0426	1.0150	1.1619	1.1748	1.1169	-----	1.08	4.40	0.999	1.00	7.7	0.50	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1,2-Dichloroethene	1	0	Avg	0.5826	0.6591	0.5690	0.5987	0.5883	0.6661	0.6616	0.6518	-----	0.622	4.51	0.999	1.00	6.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2721	0.3309	0.2799	0.2815	0.2536	0.2769	0.2680	0.2899	-----	0.282	4.66	1.00	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2,2-Dichloropropane	1	0	Avg	0.4896	0.5699	0.4904	0.5233	0.5066	0.5809	0.5774	0.5248	-----	0.533	4.51	0.999	0.999	7.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethyl acetate	1	0	Avg	0.4583	0.5220	0.4672	0.4626	0.4453	0.5111	0.5221	0.4834	-----	0.484	4.53	0.999	1.00	6.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,4-Dioxane	1	0	Avg	0.0085	0.0100	0.0085	0.0081	0.0087	0.0099	0.0106	0.0089	-----	0.00920	5.58	0.998	1.00	9.6		1000.	250.0	500.0	2500.	5000.	12500	25000	50.00	
1,1-Dichloropropene	1	0	Avg	0.4895	0.5774	0.4906	0.4877	0.4921	0.5496	0.5574	0.5043	-----	0.519	4.92	0.999	1.00	7.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.6720	0.7763	0.6651	0.7034	0.6734	0.7636	0.7604	0.7165	-----	0.716	4.70	0.999	1.00	6.3	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethan	1	0	Avg	0.2995	0.2911	0.3047	0.3120	0.3105	0.2974	0.2805	0.2964	0.2922	0.298	4.79	-1	-1	3.3		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	Avg	0.4109	0.4789	0.4252	0.4296	0.4217	0.4802	0.4796	0.4636	-----	0.449	4.87	0.999	1.00	6.6	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,2-Dichloroethane-d4	1	0	Avg	0.1598	0.1494	0.1522	0.1577	0.1544	0.1471	0.1364	0.1441	0.1524	0.150	4.99	-1	-1	4.8		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1,2-Dichloroethane	1	0	Avg	0.5331	0.6070	0.5212	0.5395	0.5174	0.5877	0.5930	0.6568	0.5062	0.562	5.04	0.999	1.00	9.1	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	Avg	0.2170	0.2702	0.2136	0.2259	0.2406	0.2720	0.2602	0.2838	-----	0.248	4.53	0.999	0.999	11	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1,1,1-Trichloroethane	1	0	Avg	0.5882	0.6220	0.5796	0.6284	0.6145	0.7058	0.7097	0.6194	-----	0.633	4.83	0.999	1.00	7.7	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	Avg	0.5218	0.5291	0.4944	0.5336	0.5436	0.6418	0.6470	0.4608	-----	0.547	4.93	0.999	0.999	12	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Vinyl Acetate	1	0	Avg	1.1247	1.3077	1.1510	1.1890	1.1491	1.3486	1.3791	1.1594	-----	1.23	4.12	0.999	0.999	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethan	1	0	Avg	0.5003	0.5482	0.5042	0.5038	0.5201	0.6008	0.6395	0.5363	0.4221	0.531	5.65	0.998	1.00	12	0.20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
Methylcyclohexane	1	0	Avg	0.4346	0.4882	0.4066	0.4118	0.4335	0.4934	0.5184	0.4672	-----	0.457	5.52	0.999	1.00	9.0	0.10	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags
a - failed the min rf criteria
c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.722
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 1M211754.D **Instrument:** GCMS 1

Cont Calibration Date/Time 12/2/2025 10:18:00 P Method: EPA 8260D

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	5.19	30.00	30	**			0.000	0.00	
Chlorodifluoromethane	1	0		1.73	16.50	20	20	0.1	0.401	0.331	17.52	
Dichlorodifluoromethane	1	0		1.71	21.27	20	20	0.1	0.477	0.508	6.33	
Chloromethane	1	0		1.90	22.25	20	20	0.1	0.388	0.431	11.23	
Bromomethane	1	0		2.32	19.25	20	20	0.1	0.366	0.353	3.76	
Vinyl Chloride	1	0		2.00	22.78	20	20	0.1	0.468	0.533	13.90	
Chloroethane	1	0		2.40	21.42	20	20	0.1	0.294	0.315	7.10	
Trichlorofluoromethane	1	0		2.64	24.67	20	20	0.1	0.824	1.016	23.35	C1
Ethyl ether	1	0		2.89	20.53	20	20	0.5	0.337	0.346	2.66	
Furan	1	0		2.92	21.54	20	20	0.5	0.472	0.508	7.68	
1,1,2-Trichloro-1,2,2-trifluoroetha	1	0		3.10	21.45	20	20	0.1	0.367	0.394	7.23	
Methylene Chloride	1	0		3.52	21.46	20	20	0.1	0.396	0.425	7.31	
Acrolein	1	0		3.00	113.07	100	20		0.074	0.083	13.07	
Acrylonitrile	1	0		3.71	19.91	20	20		0.204	0.203	0.47	
Acetone	1	0		3.14	110.37	100	20	0.1	0.161	0.177	10.37	
Carbon Disulfide	1	0		3.32	20.94	20	20	0.1	0.928	0.972	4.69	
t-Butyl Alcohol	1	0		3.59	105.51	100	20		0.060	0.063	5.51	
n-Hexane	1	0		4.00	20.95	20	20		0.321	0.336	4.77	
Di-isopropyl-ether	1	0		4.15	21.07	20	20		0.950	1.001	5.34	
1,1-Dichloroethene	1	0		3.11	21.37	20	20	0.1	0.506	0.541	6.84	
Methyl Acetate	1	0		3.42	20.39	20	20	0.1	0.356	0.363	1.96	
Methyl-t-butyl ether	1	0		3.76	20.79	20	20	0.1	1.119	1.163	3.94	
1,1-Dichloroethane	1	0		4.10	21.33	20	20	0.2	0.611	0.652	6.64	
trans-1,2-Dichloroethene	1	0		3.76	20.12	20	20	0.1	0.419	0.422	0.61	
Ethyl-t-butyl ether	1	0		4.40	20.43	20	20	0.5	1.081	1.105	2.17	
cis-1,2-Dichloroethene	1	0		4.51	21.00	20	20	0.1	0.622	0.653	4.98	
Bromochloromethane	1	0		4.66	21.99	20	20		0.282	0.310	9.93	
2,2-Dichloropropane	1	0		4.51	22.06	20	20		0.533	0.588	10.30	
Ethyl acetate	1	0		4.53	21.14	20	20		0.484	0.512	5.68	
1,4-Dioxane	1	0		5.58	1057.02	1000	20		0.009	0.010	5.70	
1,1-Dichloropropene	1	0		4.92	21.19	20	20		0.519	0.549	5.94	
Chloroform	1	0		4.70	21.40	20	20	0.2	0.716	0.767	7.01	
Dibromofluoromethane	1	0	S	4.79	30.94	30	**		0.298	0.308	3.14	
Cyclohexane	1	0		4.87	20.95	20	20	0.1	0.449	0.470	4.74	
1,2-Dichloroethane-d4	1	0	S	4.99	30.73	30	**		0.150	0.154	2.45	
1,2-Dichloroethane	1	0		5.04	21.31	20	20	0.1	0.562	0.599	6.56	
2-Butanone	1	0		4.50	19.39	20	20	0.1	0.248	0.240	3.04	
1,1,1-Trichloroethane	1	0		4.82	22.47	20	20	0.1	0.634	0.712	12.34	
Carbon Tetrachloride	1	0		4.93	22.31	20	20	0.1	0.547	0.610	11.53	
Vinyl Acetate	1	0		4.13	21.18	20	20		1.226	1.298	5.90	
Bromodichloromethane	1	0		5.66	21.73	20	20	0.2	0.531	0.577	8.65	
Methylcyclohexane	1	0		5.52	22.02	20	20	0.1	0.457	0.503	10.11	
Dibromomethane	1	0		5.59	20.83	20	20		0.378	0.394	4.13	
1,2-Dichloropropane	1	0		5.52	21.12	20	20	0.1	0.361	0.381	5.59	
Trichloroethene	1	0		5.40	21.05	20	20	0.2	0.481	0.507	5.27	
Benzene	1	0		5.04	21.68	20	20	0.5	1.466	1.589	8.41	
tert-Amyl methyl ether	1	0		5.09	20.77	20	20		1.071	1.112	3.83	
Chlorobenzene-d5	1	0	I	6.83	30.00	30	**			0.000	0.00	
Iso-propylacetate	1	0		5.04	21.44	20	20	0.5	0.788	0.845	7.20	
Methyl methacrylate	1	0		5.54	21.67	20	20	0.5	0.324	0.351	8.37	
Dibromochloromethane	1	0		6.51	21.55	20	20	0.1	0.487	0.525	7.76	
2-Chloroethylvinylether	1	0		5.79	20.46	20	20		0.133	0.136	2.30	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147402.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/1/2025 8:01:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8(INT)	1	0	I	2.21	40.00	40	**			0.000	0.00	
1,4-Dioxane	1	0		2.23	46.21	50	**		1.039	0.960	7.59	
Pyridine	1	0		2.49	50.54	50	**		2.282	2.307	1.09	
N-Nitrosodimethylamine	1	0		2.44	50.95	50	**		1.354	1.380	1.90	
2-Fluorophenol	1	0	S	3.50	48.33	50	**		2.221	2.147	3.34	
Benzaldehyde	1	0		4.23	29.82	50	20	0.01	1.937	1.155	40.37	C1
Aniline	1	0		4.32	43.77	50	**		3.185	2.788	12.46	
Pentachloroethane	1	0		4.36	47.94	50	**	0.05	0.765	0.733	4.12	
bis(2-Chloroethyl)ether	1	0		4.36	46.96	50	20	0.7	2.064	1.938	6.08	
Phenol-d5	1	0	S	4.27	48.66	50	**		2.742	2.668	2.68	
Phenol	1	0		4.28	53.31	50	20	0.8	2.605	2.778	6.63	
2-Chlorophenol	1	0		4.42	46.47	50	20	0.8	2.241	2.083	7.05	
N-Decane	1	0		4.44	51.90	50	**	0.05	1.778	1.845	3.80	
1,3-Dichlorobenzene	1	0		4.54	45.47	50	**		2.615	2.378	9.06	
1,4-Dichlorobenzene-d4	1	0	I	4.59	40.00	40	**			0.000	0.00	
1,4-Dichlorobenzene	1	0		4.60	51.01	50	20		1.314	1.341	2.01	
1,2-Dichlorobenzene	1	0		4.72	50.71	50	**		1.249	1.266	1.42	
Benzyl alcohol	1	0		4.69	52.56	50	**		0.724	0.762	5.12	
bis(2-chloroisopropyl)ether	1	0		4.79	61.53	50	20	0.01	0.955	1.175	23.07	C1
2-Methylphenol	1	0		4.77	51.75	50	20	0.7	0.994	1.029	3.49	
Acetophenone	1	0		4.90	50.18	50	20	0.01	1.638	1.645	0.37	
Hexachloroethane	1	0		4.99	52.25	50	20	0.3	0.463	0.484	4.51	
N-Nitroso-di-n-propylamine	1	0		4.89	53.73	50	20	0.5	0.698	0.750	7.46	
3&4-Methylphenol	1	0		4.89	50.73	50	20		1.071	1.086	1.45	
Naphthalene-d8	1	0	I	5.57	40.00	40	**			0.000	0.00	
Nitrobenzene-d5	1	0	S	5.02	26.32	25	**		0.148	0.156	5.28	
Nitrobenzene	1	0		5.03	50.74	50	20	0.2	0.291	0.295	1.47	
Isophorone	1	0		5.22	56.15	50	20	0.4	0.509	0.572	12.30	
2-Nitrophenol	1	0		5.28	54.01	50	20	0.1	0.164	0.177	8.02	
2,4-Dimethylphenol	1	0		5.30	53.19	50	20	0.2	0.276	0.294	6.39	
Benzoic Acid	1	0		5.36	45.55	50	**		0.217	0.197	8.90	
bis(2-Chloroethoxy)methane	1	0		5.37	55.71	50	20	0.3	0.319	0.355	11.42	
2,4-Dichlorophenol	1	0		5.46	47.73	50	20	0.2	0.275	0.263	4.54	
1,2,4-Trichlorobenzene	1	0		5.53	48.66	50	**		0.302	0.294	2.69	
Naphthalene	1	0		5.59	50.66	50	20	0.7	0.883	0.895	1.32	
4-Chloroaniline	1	0		5.63	47.70	50	20	0.01	0.352	0.336	4.60	
Hexachlorobutadiene	1	0		5.68	47.10	50	20	0.01	0.179	0.169	5.81	
Caprolactam	1	0		5.90	49.93	50	20	0.01	0.101	0.100	0.14	
4-Chloro-3-methylphenol	1	0		6.00	52.37	50	20	0.2	0.241	0.252	4.74	
2-Methylnaphthalene	1	0		6.13	50.53	50	**	0.4	0.562	0.568	1.06	
1-Methylnaphthalene	1	0		6.21	50.75	50	**	0.4	0.567	0.575	1.49	
Methylnaphthalenes	1	0		6.13	101.14	50	**			1.143	102.29	
1,1'-Biphenyl	1	0		6.51	49.23	50	20	0.01	0.783	0.771	1.55	
Acenaphthene-d10	1	0	I	7.02	40.00	40	**			0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.26	43.50	50	20	0.01	0.634	0.551	12.99	
Hexachlorocyclopentadiene	1	0		6.25	46.51	50	20	0.05	0.355	0.330	6.99	
2,4,6-Trichlorophenol	1	0		6.36	48.21	50	20	0.2	0.360	0.347	3.57	
2,4,5-Trichlorophenol	1	0		6.39	48.87	50	20	0.2	0.375	0.366	2.26	
2-Fluorobiphenyl	1	0	S	6.42	24.16	25	**		1.275	1.232	3.36	
2-Chloronaphthalene	1	0		6.53	49.13	50	20	0.8	0.990	0.973	1.74	
1,4-Dimethylnaphthalene	1	0		6.81	50.21	50	**		0.793	0.796	0.42	
Dimethylnaphthalenes	1	0		6.81	50.21	50	20			0.796	0.42	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147402.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/1/2025 8:01:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
Diphenyl Ether	1	0		6.60	45.90	50	**		0.854	0.784	8.19	
2-Nitroaniline	1	0		6.61	52.30	50	20	0.01	0.276	0.289	4.61	
Acenaphthylene	1	0		6.90	51.52	50	20	0.9	1.569	1.617	3.03	
Dimethylphthalate	1	0		6.76	51.21	50	20	0.01	1.154	1.182	2.43	
2,6-Dinitrotoluene	1	0		6.81	52.28	50	20	0.2	0.252	0.264	4.57	
Acenaphthene	1	0		7.05	50.78	50	20	0.9	0.970	0.985	1.56	
3-Nitroaniline	1	0		6.97	54.94	50	20	0.01	0.263	0.289	9.88	
2,4-Dinitrophenol	1	0		7.06	47.95	50	20	0.2	0.119	0.121	4.10	
Dibenzofuran	1	0		7.21	50.09	50	20	0.8	1.403	1.405	0.18	
2,4-Dinitrotoluene	1	0		7.18	53.35	50	20	0.2	0.351	0.374	6.70	
4-Nitrophenol	1	0		7.10	51.50	50	20	0.01	0.153	0.157	3.01	
2,3,4,6-Tetrachlorophenol	1	0		7.31	49.81	50	20	0.01	0.314	0.313	0.39	
Fluorene	1	0		7.53	50.15	50	20	0.9	1.165	1.168	0.29	
4-Chlorophenyl-phenylether	1	0		7.52	48.05	50	20	0.4	0.607	0.583	3.90	
Diethylphthalate	1	0		7.40	51.66	50	20	0.01	1.148	1.186	3.33	
4-Nitroaniline	1	0		7.54	51.74	50	20	0.01	0.275	0.284	3.47	
Atrazine	1	0		8.17	42.68	50	20	0.01	0.424	0.362	14.64	
Phenanthrene-d10	1	0	I	8.49	40.00	40	**			0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		7.57	51.60	50	20	0.01	0.094	0.097	3.21	
n-Nitrosodiphenylamine	1	0		7.63	47.70	50	20	0.01	0.494	0.471	4.60	
2,4,6-Tribromophenol	1	0	S	7.77	46.81	50	**		0.105	0.099	6.37	
1,2-Diphenylhydrazine	1	0		7.68	55.68	50	**		0.473	0.526	11.35	
4-Bromophenyl-phenylether	1	0		8.01	45.05	50	20	0.1	0.199	0.180	9.90	
Hexachlorobenzene	1	0		8.08	45.25	50	20	0.1	0.213	0.192	9.50	
N-Octadecane	1	0		8.35	55.64	50	**	0.05	0.271	0.302	11.29	
Pentachlorophenol	1	0		8.28	42.36	50	20	0.05	0.130	0.110	15.27	
Phenanthrene	1	0		8.52	46.49	50	20	0.7	0.842	0.783	7.02	
Anthracene	1	0		8.58	47.08	50	20	0.7	0.853	0.804	5.85	
Carbazole	1	0		8.75	47.94	50	20	0.01	0.787	0.755	4.12	
Di-n-butylphthalate	1	0		9.13	49.94	50	20	0.01	0.998	0.997	0.12	
Fluoranthene	1	0		9.86	46.17	50	20	0.6	1.014	0.936	7.67	
Chrysene-d12	1	0	I	11.61	40.00	40	**			0.000	0.00	
Pyrene	1	0		10.13	45.27	50	20	0.6	1.169	1.058	9.47	
Benzidine	1	0		10.02	20.40	50	**		0.603	0.246	59.19	
Terphenyl-d14	1	0	S	10.31	23.25	25	**		0.877	0.816	6.99	
4,4'-DDE	1	0		10.25	45.13		**		0.250			
4,4'-DDD	1	0		10.65	46.38		**		0.480			
Butylbenzylphthalate	1	0		10.90	49.47	50	20	0.01	0.485	0.480	1.06	
4,4'-DDT	1	0		11.00	48.13		**		0.371			
3,3'-Dichlorobenzidine	1	0		11.56	43.82	50	20	0.01	0.377	0.330	12.36	
Benzo[a]anthracene	1	0		11.59	46.16	50	20	0.8	1.083	1.000	7.68	
Chrysene	1	0		11.64	46.64	50	20	0.7	0.977	0.911	6.72	
bis(2-Ethylhexyl)phthalate	1	0		11.64	51.46	50	20	0.01	0.637	0.655	2.91	
Perylene-d12	1	0	I	13.92	40.00	40	**			0.000	0.00	
Di-n-octylphthalate	1	0		12.63	50.91	50	20	0.01	1.152	1.173	1.82	
Benzo[b]fluoranthene	1	0		13.24	46.44	50	20	0.7	1.019	0.947	7.12	
Benzo[k]fluoranthene	1	0		13.28	47.01	50	20	0.7	1.008	0.948	5.98	
Benzo[a]pyrene	1	0		13.81	45.45	50	20	0.7	0.975	0.887	9.11	
Indeno[1,2,3-cd]pyrene	1	0		15.78	39.67	50	20	0.5	0.973	0.772	20.66	C1
Dibenzo[a,h]anthracene	1	0		15.82	44.64	50	20	0.4	0.933	0.833	10.72	
Benzo[g,h,i]perylene	1	0		16.21	45.47	50	20	0.5	0.911	0.828	9.05	
1,4-Dioxane-d8	1	100		0.00	0.00	40	**			0.000	0.00	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form7

Continuing Calibration

Calibration Name: CAL BNA 50PPM **Data File:** 7M147435.D **Instrument:** GCMS 7

Cont Calibration Date/Time 12/2/2025 8:16:00 A Method: EPA 8270E

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	MIN RF	Initial RF	RF	%Diff	Flag
1,4-Dioxane-d8(INT)	1	0	I	2.22	40.00	40	**			0.000	0.00	
1,4-Dioxane	1	0		2.24	47.09	50	**		1.039	0.979	5.81	
Pyridine	1	0		2.50	51.01	50	**		2.282	2.328	2.02	
N-Nitrosodimethylamine	1	0		2.45	58.78	50	**		1.354	1.592	17.57	
2-Fluorophenol	1	0	S	3.51	55.46	50	**		2.221	2.463	10.92	
Benzaldehyde	1	0		4.23	49.18	50	20	0.01	1.937	1.905	1.64	
Aniline	1	0		4.32	53.24	50	**		3.185	3.391	6.48	
Pentachloroethane	1	0		4.36	54.40	50	**	0.05	0.765	0.832	8.81	
bis(2-Chloroethyl)ether	1	0		4.36	57.05	50	20	0.7	2.064	2.355	14.10	
Phenol-d5	1	0	S	4.27	58.68	50	**		2.742	3.218	17.35	
Phenol	1	0		4.28	64.11	50	20	0.8	2.605	3.340	28.21	C1
2-Chlorophenol	1	0		4.41	56.26	50	20	0.8	2.241	2.522	12.52	
N-Decane	1	0		4.43	56.96	50	**	0.05	1.778	2.025	13.92	
1,3-Dichlorobenzene	1	0		4.54	51.85	50	**		2.615	2.712	3.69	
1,4-Dichlorobenzene-d4	1	0	I	4.58	40.00	40	**			0.000	0.00	
1,4-Dichlorobenzene	1	0		4.60	47.86	50	20		1.314	1.258	4.28	
1,2-Dichlorobenzene	1	0		4.72	49.58	50	**		1.249	1.238	0.84	
Benzyl alcohol	1	0		4.69	54.94	50	**		0.724	0.796	9.87	
bis(2-chloroisopropyl)ether	1	0		4.79	63.24	50	20	0.01	0.955	1.208	26.48	C1
2-Methylphenol	1	0		4.77	52.28	50	20	0.7	0.994	1.039	4.56	
Acetophenone	1	0		4.90	56.20	50	20	0.01	1.638	1.842	12.41	
Hexachloroethane	1	0		4.99	51.70	50	20	0.3	0.463	0.479	3.40	
N-Nitroso-di-n-propylamine	1	0		4.89	56.14	50	20	0.5	0.698	0.784	12.28	
3&4-Methylphenol	1	0		4.89	52.10	50	20		1.071	1.116	4.21	
Naphthalene-d8	1	0	I	5.57	40.00	40	**			0.000	0.00	
Nitrobenzene-d5	1	0	S	5.02	24.22	25	**		0.148	0.143	3.13	
Nitrobenzene	1	0		5.03	48.60	50	20	0.2	0.291	0.283	2.80	
Isophorone	1	0		5.22	55.32	50	20	0.4	0.509	0.563	10.64	
2-Nitrophenol	1	0		5.28	52.24	50	20	0.1	0.164	0.171	4.48	
2,4-Dimethylphenol	1	0		5.30	51.36	50	20	0.2	0.276	0.284	2.72	
Benzoic Acid	1	0		5.35	27.27	50	**		0.217	0.118	45.47	
bis(2-Chloroethoxy)methane	1	0		5.37	53.63	50	20	0.3	0.319	0.342	7.26	
2,4-Dichlorophenol	1	0		5.46	47.80	50	20	0.2	0.275	0.263	4.40	
1,2,4-Trichlorobenzene	1	0		5.53	47.62	50	**		0.302	0.287	4.75	
Naphthalene	1	0		5.59	48.96	50	20	0.7	0.883	0.865	2.09	
4-Chloroaniline	1	0		5.62	47.96	50	20	0.01	0.352	0.338	4.07	
Hexachlorobutadiene	1	0		5.67	46.35	50	20	0.01	0.179	0.166	7.31	
Caprolactam	1	0		5.90	52.33	50	20	0.01	0.101	0.105	4.67	
4-Chloro-3-methylphenol	1	0		5.99	51.36	50	20	0.2	0.241	0.247	2.72	
2-Methylnaphthalene	1	0		6.13	49.21	50	**	0.4	0.562	0.553	1.59	
1-Methylnaphthalene	1	0		6.21	49.86	50	**	0.4	0.567	0.565	0.28	
Methylnaphthalenes	1	0		6.13	99.19	50	**			1.121	98.38	
1,1'-Biphenyl	1	0		6.50	48.18	50	20	0.01	0.783	0.754	3.64	
Acenaphthene-d10	1	0	I	7.01	40.00	40	**			0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.26	46.08	50	20	0.01	0.634	0.584	7.83	
Hexachlorocyclopentadiene	1	0		6.25	43.96	50	20	0.05	0.355	0.312	12.08	
2,4,6-Trichlorophenol	1	0		6.35	47.43	50	20	0.2	0.360	0.341	5.13	
2,4,5-Trichlorophenol	1	0		6.39	48.43	50	20	0.2	0.375	0.363	3.15	
2-Fluorobiphenyl	1	0	S	6.41	23.46	25	**		1.275	1.197	6.14	
2-Chloronaphthalene	1	0		6.53	47.69	50	20	0.8	0.990	0.944	4.63	
1,4-Dimethylnaphthalene	1	0		6.81	49.91	50	**		0.793	0.791	0.18	
Dimethylnaphthalenes	1	0		6.81	49.91	50	20			0.791	0.18	

S-Surrogate Compound I-Internal Standard Compound

N/O or N/Q - Not applicable for this run C1-Compound %Diff exceeds limits ** - No limit specified in method

Note: 8260/8270 limits are compared against the %DIFF/R.F. 625 limits are compared against the %DIFF.

624 limits are compared against the concentration found. 524.2 limits are compared against the %DIFF

Form3
Recovery Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147437.D	AD56733-008(MS:AD56733-007	12/2/2025 9:03:00 AM
Non Spike(If applicable):	7M147436.D	AD56733-007	12/2/2025 8:41:00 AM
Inst Blank(If applicable):			

Method: 8270E Matrix: Aqueous Units: ug/L QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	49.0828	0	100	49	16	112
Pyridine	1	56.9171	0	100	57	10	131
N-Nitrosodimethylamine	1	66.0846	0	100	66	24	118
Benzaldehyde	1	81.9938	0	100	82	10	103
Aniline	1	73.3984	0	100	73	10	149
Pentachloroethane	1	81.5845	0	100	82	10	155
bis(2-Chloroethyl)ether	1	86.8152	0	100	87	42	118
Phenol	1	43.6599	0	100	44	19	121
2-Chlorophenol	1	84.0402	0	100	84	50	123
N-Decane	1	67.8394	0	100	68	25	129
1,3-Dichlorobenzene	1	84.1547	0	100	84	13	126
1,4-Dichlorobenzene	1	98.3684	0	100	98	13	133
1,2-Dichlorobenzene	1	99.921	0	100	100	16	129
Benzyl alcohol	1	90.4113	0	100	90	33	150
bis(2-chloroisopropyl)ether	1	102.1329	0	100	102	28	119
2-Methylphenol	1	89.1133	0	100	89	50	128
Acetophenone	1	114.9367	0	100	115	47	132
Hexachloroethane	1	134.6615	0	100	135*	19	132
N-Nitroso-di-n-propylamine	1	105.355	0	100	105	46	127
3&4-Methylphenol	1	79.3456	0	100	79	53	129
Nitrobenzene	1	113.5769	0	100	114	45	134
Isophorone	1	102.2032	0	100	102	48	121
2-Nitrophenol	1	120.9411	0	100	121	55	143
2,4-Dimethylphenol	1	112.6086	0	100	113	46	134
Benzoic Acid	1	57.8351	0	100	58	14	216
bis(2-Chloroethoxy)methane	1	110.6933	0	100	111	47	131
2,4-Dichlorophenol	1	109.3538	0	100	109	59	134
1,2,4-Trichlorobenzene	1	106.5099	0	100	107	32	135
Naphthalene	1	111.3337	4.8669	100	106	12	146
4-Chloroaniline	1	92.8173	0	100	93	10	161
Hexachlorobutadiene	1	104.5288	0	100	105	24	136
Caprolactam	1	55.7897	0	100	56	10	155
4-Chloro-3-methylphenol	1	106.7712	0	100	107	62	142
2-Methylnaphthalene	1	114.1916	4.8531	100	109	34	156
1-Methylnaphthalene	1	137.5207	0	100	138	44	149
1,1'-Biphenyl	1	107.616	0	100	108	51	137
1,2,4,5-Tetrachlorobenzene	1	110.2271	0	100	110	52	131
Hexachlorocyclopentadiene	1	117.6031	0	100	118	24	137
2,4,6-Trichlorophenol	1	112.0894	0	100	112	66	142
2,4,5-Trichlorophenol	1	108.8111	0	100	109	65	143
2-Chloronaphthalene	1	108.0982	0	100	108	51	129
1,4-Dimethylnaphthalene	1	142.562	0	100	143*	50	137
Diphenyl Ether	1	111.0159	0	100	111	55	134
2-Nitroaniline	1	106.6908	0	100	107	45	165
Acenaphthylene	1	101.252	0	100	101	46	130
Dimethylphthalate	1	100.6627	0	100	101	10	177
2,6-Dinitrotoluene	1	109.9342	0	100	110	55	135
Acenaphthene	1	110.6848	8.6588	100	102	48	136
3-Nitroaniline	1	94.8645	0	100	95	24	169
2,4-Dinitrophenol	1	131.9771	0	100	132	42	160
Dibenzofuran	1	106.7872	5.5447	100	101	50	147
2,4-Dinitrotoluene	1	111.8897	0	100	112	55	136
4-Nitrophenol	1	42.5068	0	100	43	27	141
2,3,4,6-Tetrachlorophenol	1	114.6432	0	100	115	59	141
Fluorene	1	110.6755	9.8586	100	101	53	132
4-Chlorophenyl-phenylether	1	105.3768	0	100	105	58	133
Diethylphthalate	1	106.9898	0	100	107	25	152
4-Nitroaniline	1	95.2804	0	100	95	33	166
Atrazine	1	90.8428	0	100	91	21	152
4,6-Dinitro-2-methylphenol	1	144.8919	0	100	145	58	158
n-Nitrosodiphenylamine	1	118.9352	0	100	119*	44	112

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
Recovery Data Laboratory Limits
QC Batch:WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147438.D	AD56733-009(MSD:AD56733-0	12/2/2025 9:25:00 AM
Non Spike(If applicable):	7M147436.D	AD56733-007	12/2/2025 8:41:00 AM
Inst Blank(If applicable):			

Method: 8270E Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
1,4-Dioxane	1	33.2626	0	100	33	16	112
Pyridine	1	28.4843	0	100	28	10	131
N-Nitrosodimethylamine	1	43.2794	0	100	43	24	118
Benzaldehyde	1	82.1563	0	100	82	10	103
Aniline	1	41.7365	0	100	42	10	149
Pentachloroethane	1	73.5237	0	100	74	10	155
bis(2-Chloroethyl)ether	1	77.2417	0	100	77	42	118
Phenol	1	24.6911	0	100	25	19	121
2-Chlorophenol	1	48.3317	0	100	48*	50	123
N-Decane	1	62.6492	0	100	63	25	129
1,3-Dichlorobenzene	1	77.2514	0	100	77	13	126
1,4-Dichlorobenzene	1	89.8392	0	100	90	13	133
1,2-Dichlorobenzene	1	91.3357	0	100	91	16	129
Benzyl alcohol	1	60.2171	0	100	60	33	150
bis(2-chloroisopropyl)ether	1	93.0298	0	100	93	28	119
2-Methylphenol	1	55.4607	0	100	55	50	128
Acetophenone	1	107.312	0	100	107	47	132
Hexachloroethane	1	123.8503	0	100	124	19	132
N-Nitroso-di-n-propylamine	1	96.094	0	100	96	46	127
3&4-Methylphenol	1	48.3972	0	100	48*	53	129
Nitrobenzene	1	101.1458	0	100	101	45	134
Isophorone	1	91.8709	0	100	92	48	121
2-Nitrophenol	1	79.8291	0	100	80	55	143
2,4-Dimethylphenol	1	84.072	0	100	84	46	134
Benzoic Acid	1	21.2784	0	100	21	14	216
bis(2-Chloroethoxy)methane	1	99.8035	0	100	100	47	131
2,4-Dichlorophenol	1	70.9235	0	100	71	59	134
1,2,4-Trichlorobenzene	1	97.1012	0	100	97	32	135
Naphthalene	1	102.6123	4.8669	100	98	12	146
4-Chloroaniline	1	44.5131	0	100	45	10	161
Hexachlorobutadiene	1	95.0699	0	100	95	24	136
Caprolactam	1	48.3748	0	100	48	10	155
4-Chloro-3-methylphenol	1	75.3545	0	100	75	62	142
2-Methylnaphthalene	1	107.8933	4.8531	100	103	34	156
1-Methylnaphthalene	1	130.5723	0	100	131	44	149
1,1'-Biphenyl	1	101.7219	0	100	102	51	137
1,2,4,5-Tetrachlorobenzene	1	106.4726	0	100	106	52	131
Hexachlorocyclopentadiene	1	103.7058	0	100	104	24	137
2,4,6-Trichlorophenol	1	73.4569	0	100	73	66	142
2,4,5-Trichlorophenol	1	72.2907	0	100	72	65	143
2-Chloronaphthalene	1	102.6829	0	100	103	51	129
1,4-Dimethylnaphthalene	1	137.3804	0	100	137	50	137
Diphenyl Ether	1	105.9496	0	100	106	55	134
2-Nitroaniline	1	97.6295	0	100	98	45	165
Acenaphthylene	1	96.8202	0	100	97	46	130
Dimethylphthalate	1	93.5744	0	100	94	10	177
2,6-Dinitrotoluene	1	103.2534	0	100	103	55	135
Acenaphthene	1	107.4697	8.6588	100	99	48	136
3-Nitroaniline	1	56.2194	0	100	56	24	169
2,4-Dinitrophenol	1	14.5878	0	100	15*	42	160
Dibenzofuran	1	104.6363	5.5447	100	99	50	147
2,4-Dinitrotoluene	1	109.9284	0	100	110	55	136
4-Nitrophenol	1	19.8134	0	100	20*	27	141
2,3,4,6-Tetrachlorophenol	1	73.4159	0	100	73	59	141
Fluorene	1	106.5547	9.8586	100	97	53	132
4-Chlorophenyl-phenylether	1	102.261	0	100	102	58	133
Diethylphthalate	1	103.7859	0	100	104	25	152
4-Nitroaniline	1	70.631	0	100	71	33	166
Atrazine	1	73.657	0	100	74	21	152
4,6-Dinitro-2-methylphenol	1	64.7592	0	100	65	58	158
n-Nitrosodiphenylamine	1	108.4173	0	100	108	44	112

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits
Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits
QC Batch: WMB128203

	Data File	Sample ID:	Analysis Date
Spike or Dup:	7M147438.D	AD56733-009(MSD:AD56733-0	12/2/2025 9:25:00 AM
Duplicate(If applicable):	7M147437.D	AD56733-008(MS:AD56733-007	12/2/2025 9:03:00 AM
Inst Blank(If applicable):			

Method: 8270E Matrix: Aqueous Units: ug/L QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
1,4-Dioxane	1	33.2626	49.0828	38	58
Pyridine	1	28.4843	56.9171	67	143
N-Nitrosodimethylamine	1	43.2794	66.0846	42*	40
Benzaldehyde	1	82.1563	81.9938	0.2	92
Aniline	1	41.7365	73.3984	55	138
Pentachloroethane	1	73.5237	81.5845	10	79
bis(2-Chloroethyl)ether	1	77.2417	86.8152	12	42
Phenol	1	24.6911	43.6599	56	86
2-Chlorophenol	1	48.3317	84.0402	54*	47
N-Decane	1	62.6492	67.8394	8	59
1,3-Dichlorobenzene	1	77.2514	84.1547	8.6	90
1,4-Dichlorobenzene	1	89.8392	98.3684	9.1	88
1,2-Dichlorobenzene	1	91.3357	99.921	9	74
Benzyl alcohol	1	60.2171	90.4113	40*	35
bis(2-chloroisopropyl)ether	1	93.0298	102.1329	9.3	48
2-Methylphenol	1	55.4607	89.1133	47*	34
Acetophenone	1	107.312	114.9367	6.9	30
Hexachloroethane	1	123.8503	134.6615	8.4	88
N-Nitroso-di-n-propylamine	1	96.094	105.355	9.2	56
3&4-Methylphenol	1	48.3972	79.3456	48*	28
Nitrobenzene	1	101.1458	113.5769	12	38
Isophorone	1	91.8709	102.2032	11	35
2-Nitrophenol	1	79.8291	120.9411	41	41
2,4-Dimethylphenol	1	84.072	112.6086	29	33
Benzoic Acid	1	21.2784	57.8351	92*	82
bis(2-Chloroethoxy)methane	1	99.8035	110.6933	10	44
2,4-Dichlorophenol	1	70.9235	109.3538	43*	37
1,2,4-Trichlorobenzene	1	97.1012	106.5099	9.2	50
Naphthalene	1	102.6123	111.3337	8.2	47
4-Chloroaniline	1	44.5131	92.8173	70	85
Hexachlorobutadiene	1	95.0699	104.5288	9.5	58
Caprolactam	1	48.3748	55.7897	14	33
4-Chloro-3-methylphenol	1	75.3545	106.7712	35*	28
2-Methylnaphthalene	1	107.8933	114.1916	5.7	38
1-Methylnaphthalene	1	130.5723	137.5207	5.2	32
1,1'-Biphenyl	1	101.7219	107.616	5.6	31
1,2,4,5-Tetrachlorobenzene	1	106.4726	110.2271	3.5	32
Hexachlorocyclopentadiene	1	103.7058	117.6031	13	48
2,4,6-Trichlorophenol	1	73.4569	112.0894	42	62
2,4,5-Trichlorophenol	1	72.2907	108.8111	40*	35
2-Chloronaphthalene	1	102.6829	108.0982	5.1	35
1,4-Dimethylnaphthalene	1	137.3804	142.562	3.7	31
Diphenyl Ether	1	105.9496	111.0159	4.7	32
2-Nitroaniline	1	97.6295	106.6908	8.9	37
Acenaphthylene	1	96.8202	101.252	4.5	41
Dimethylphthalate	1	93.5744	100.6627	7.3	108
2,6-Dinitrotoluene	1	103.2534	109.9342	6.3	35
Acenaphthene	1	107.4697	110.6848	2.9	35
3-Nitroaniline	1	56.2194	94.8645	51	64
2,4-Dinitrophenol	1	14.5878	131.9771	160*	63
Dibenzofuran	1	104.6363	106.7872	2	36
2,4-Dinitrotoluene	1	109.9284	111.8897	1.8	35
4-Nitrophenol	1	19.8134	42.5068	73*	33
2,3,4,6-Tetrachlorophenol	1	73.4159	114.6432	44*	36
Fluorene	1	106.5547	110.6755	3.8	34
4-Chlorophenyl-phenylether	1	102.261	105.3768	3	33
Diethylphthalate	1	103.7859	106.9898	3	37
4-Nitroaniline	1	70.631	95.2804	30	35
Atrazine	1	73.657	90.8428	21	47
4,6-Dinitro-2-methylphenol	1	64.7592	144.8919	76*	46
n-Nitrosodiphenylamine	1	108.4173	118.9352	9.3	37

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Form3
RPD Data Laboratory Limits

QC Batch: WMB128203

Method: 8270E | Matrix: Aqueous | Units: ug/L | QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
1,2-Diphenylhydrazine	1	112.5035	118.8537	5.5	36
4-Bromophenyl-phenylether	**1**	**108.6499**	**115.138**	**5.8**	**34**
Hexachlorobenzene	**1**	**114.8149**	**120.1811**	**4.6**	**34**
N-Octadecane	1	167.6419	168.8102	0.69	31
Pentachlorophenol	**1**	**76.1652**	**135.6904**	**56***	**32**
Phenanthrene	**1**	**118.1914**	**124.8363**	**5.5**	**33**
Anthracene	**1**	**116.8373**	**121.7999**	**4.2**	**34**
Carbazole	**1**	**130.175**	**130.0247**	**0.12**	**32**
Di-n-butylphthalate	**1**	**121.9447**	**127.6068**	**4.5**	**34**
Fluoranthene	**1**	**111.5529**	**112.5895**	**0.92**	**34**
Pyrene	**1**	**106.8366**	**110.4609**	**3.3**	**33**
Benzidine	1	0	0	NA	236
Butylbenzylphthalate	**1**	**118.5838**	**124.0722**	**4.5**	**34**
3,3'-Dichlorobenzidine	**1**	**39.1658**	**38.0817**	**2.8**	**126**
Benzo[a]anthracene	**1**	**110.8398**	**118.9065**	**7**	**33**
Chrysene	**1**	**112.0466**	**120.0376**	**6.9**	**32**
bis(2-Ethylhexyl)phthalate	**1**	**124.5019**	**131.7658**	**5.7**	**33**
Di-n-octylphthalate	**1**	**118.4623**	**123.4185**	**4.1**	**36**
Benzo[b]fluoranthene	**1**	**111.0578**	**119.0103**	**6.9**	**36**
Benzo[k]fluoranthene	**1**	**103.2808**	**106.4482**	**3**	**20**
Benzo[a]pyrene	**1**	**101.7462**	**108.2122**	**6.2**	**35**
Indeno[1,2,3-cd]pyrene	**1**	**105.1973**	**114.798**	**8.7**	**35**
Dibenzo[a,h]anthracene	**1**	**111.6122**	**118.0161**	**5.6**	**35**
Benzo[g,h,i]perylene	**1**	**111.71**	**118.8528**	**6.2**	**35**

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

Bold and underline - Indicates the compounds reported on form1

Data Usability Summary Report

Site: MTA Long Island Rail Road North Park and Richmond Hill Yards
Laboratory: Pace Analytical Services – Mansfield, MA
SDG: L2576049
Parameters: Volatile Organic Compounds (VOCs)
Reviewer: Nancy Bergstrom/TRC
Peer Reviewer: Kristen Morin/TRC
Date: February 4, 2026

Samples Reviewed and Evaluation Summary

2 Indoor Air Samples: TRC-IA-11, TRC-IA-12

1 Ambient Air Sample: TRC-AA-01

The above-listed samples were collected November 25, 2025 and were analyzed for the following parameter:

- VOCs by EPA Method TO-15 (full scan and using Selected Ion Monitoring [SIM])

The data validation was performed in accordance with the following, modified for the methodology used:

- EPA Region 2 Validating Volatile Organic Analysis of Ambient Air in Canister by Method TO-15, HW-31, Revision 6, September 2016

The data were evaluated based on the following parameters:

	•	Overall Evaluation of Data and Potential Usability Issues
	•	Data Completeness
*	•	Holding Times and Sample Integrity
*	•	Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
	•	Initial and Continuing Calibrations
*	•	Blanks
NA	•	Surrogate Recoveries
	•	Laboratory Control Sample (LCS) Results
*	•	Internal Standards
NA	•	Field Duplicate Results
*	•	Sample Results and Reported Quantitation Limits (QLs)
*	•	Target Compound Identification

*	-	All criteria were met.
NA	-	Not applicable; surrogates were not added to the samples, and a field duplicate pair was not submitted with this sample set.

Overall Evaluation of Data and Potential Usability Issues

All results are usable for project objectives. Qualification of the data as a result of sampling error was not required. Qualifications applied to the data as a result of analytical error are discussed below.

- The nondetect results for tertiary butyl alcohol and trans-1,3-dichloropropene in all samples in this data set were qualified as estimated (UJ) due to continuing calibration (CC) nonconformances. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

- The nondetect results for tertiary butyl alcohol in all samples in this data set were qualified as estimated (UJ) due to a low LCS recovery. These results can be used for project objectives as nondetects with estimated QLs, which may have a minor impact on the data usability.

Data Completeness

The data package was a complete Level IV data deliverable.

Holding Times and Sample Preservation

All holding time and canister vacuum criteria were met for the VOC analyses. The relative percent differences for the initial and final flow rate calibrations were within the acceptance criteria.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All relative response factors (RRFs) and percent relative standard deviations for target compounds were within the acceptance criteria in the initial calibration associated with the samples in this data set.

The RRFs were within the acceptance criteria in the CCs. The following table summarizes the percent differences (%Ds) in the CC standards that did not meet the acceptance criteria, the associated samples, and the validation actions.

CC	Compound	%D	Validation Action
WG2152814-2 12/11/2025 @ 15:40 AIRLAB23	Tertiary butyl alcohol	38.7	The nondetect results for tertiary butyl alcohol and trans-1,3-dichloropropene were qualified as estimated (UJ) in the associated samples.
	trans-1,3-Dichloropropene	-43.4	
Associated samples: All samples in this data set.			

Initial calibration verification (ICV) results were not reviewed since the ICVs did not immediately precede any sample analyses.

Blanks

There were no target VOCs detected in the method blanks or the canister cleaning certification associated with the samples in this data set.

Surrogate Recoveries

Surrogates were not added to the samples; therefore, surrogate recoveries could not be assessed. No validation actions were required on this basis since surrogates are not required by the method.

LCS Results

The following table summarizes the LCS %Rs that did not meet the laboratory acceptance criteria and the validation actions.

LCS ID	Compound	LCS %R	LCS %R Limits	Validation Actions
WG2152814-3	Tertiary butyl alcohol	61	70-130	The nondetect results for tertiary butyl alcohol were qualified as estimated (UJ) in the associated samples.
	trans-1,3-Dichloropropene	143		Qualification of the data was not required since trans-1,3-dichloropropene was not detected in the associated samples.
Associated samples: All samples in this data set.				

Internal Standards

The internal standard results met the acceptance criteria.

Field Duplicate Results

A field duplicate pair was not submitted with this data set.

Sample Results and Reported QLs

Sample calculations were spot-checked; there were no errors noted.

No dilutions were performed on the samples in this data set.

Target Compound Identification

All criteria were met.

QUALIFIED FORM 1s

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-01	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-11	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 02:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237290	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.374	0.200	--	1.85	0.989	--	
74-87-3	Chloromethane	0.479	0.200	--	0.989	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	10.8	5.00	--	20.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.93	1.00	--	16.5	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	1.42	1.00	--	3.49	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	~~U~~ UJ
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.771	0.200	--	2.72	0.705	--	
71-43-2	Benzene	0.451	0.200	--	1.44	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-01	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-11	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 02:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237290	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	0.236	0.200	--	0.812	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.520	0.200	--	2.43	0.934	--	
142-82-5	Heptane	0.285	0.200	--	1.17	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U UJ
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.06	0.200	--	3.99	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.270	0.200	--	1.17	0.869	--	
179601-23-1	p/m-Xylene	0.891	0.400	--	3.87	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.246	0.200	--	1.07	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.249	0.200	--	1.22	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-01	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-11	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 02:23
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: APR
Lab File ID	: R237290	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-01	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-11	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 02:23
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237290	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--	
79-01-6	Trichloroethene	0.109	0.020	--	0.586	0.107	--	
127-18-4	Tetrachloroethene	0.029	0.020	--	0.197	0.136	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-02	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-12	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 03:05
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237291	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.423	0.200	--	2.09	0.989	--	
74-87-3	Chloromethane	0.535	0.200	--	1.10	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	12.4	5.00	--	23.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	7.11	1.00	--	16.9	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	1.51	1.00	--	3.71	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U UJ
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.660	0.200	--	2.33	0.705	--	
71-43-2	Benzene	0.435	0.200	--	1.39	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-02	Date Collected	: 11/25/25 15:11
Client ID	: TRC-IA-12	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/12/25 03:05
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237291	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.501	0.200	--	2.34	0.934	--	
142-82-5	Heptane	0.238	0.200	--	0.975	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	~~U~~ UJ
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.08	0.200	--	4.07	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.318	0.200	--	1.38	0.869	--	
179601-23-1	p/m-Xylene	1.04	0.400	--	4.52	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.279	0.200	--	1.21	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.303	0.200	--	1.49	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-02	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-12	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 03:05
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: APR
Lab File ID	: R237291	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-02	**Date Collected**	: 11/25/25 15:11
Client ID	: TRC-IA-12	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/12/25 03:05
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237291	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--	
79-01-6	Trichloroethene	0.128	0.020	--	0.688	0.107	--	
127-18-4	Tetrachloroethene	0.032	0.020	--	0.217	0.136	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-03	Date Collected	: 11/25/25 15:12
Client ID	: TRC-AA-01	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/11/25 20:48
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237282	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.416	0.200	--	2.06	0.989	--	
74-87-3	Chloromethane	0.488	0.200	--	1.01	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.40	1.00	--	5.70	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U UJ
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	Lab Number	: L2576049
Project Name	: LIRR-NPY-RHY	Project Number	: 000639300
Lab ID	: L2576049-03	Date Collected	: 11/25/25 15:12
Client ID	: TRC-AA-01	Date Received	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	Date Analyzed	: 12/11/25 20:48
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: APR
Lab File ID	: R237282	Instrument ID	: AIRLAB23
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	~~U~~ UJ
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.236	0.200	--	0.889	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-03	**Date Collected**	: 11/25/25 15:12
Client ID	: TRC-AA-01	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/11/25 20:48
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: APR
Lab File ID	: R237282	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Lab ID	: L2576049-03	**Date Collected**	: 11/25/25 15:12
Client ID	: TRC-AA-01	**Date Received**	: 11/26/25
Sample Location	: LIRR-NORRIS PARK YARD	**Date Analyzed**	: 12/11/25 20:48
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: APR
Lab File ID	: R237282	**Instrument ID**	: AIRLAB23
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.021	0.020	--	0.142	0.136	--	

QC NONCONFORMANCE DOCUMENTATION

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		Lab Number	: L2576049	
Project Name	: LIRR-NPY-RHY		Project Number	: 000639300	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 15:40	
Lab File ID	: R237278		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152814-2		Init. Calib. Times	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	77	0
chlorodifluoromethane	1.046	1.204	-	-15.1	30	96	.01
propylene	0.406	0.465	-	-14.5	30	103	.01
propane	0.294	0.27	-	8.2	30	76	.01
dichlorodifluoromethane	2.704	2.784	-	-3	30	84	.01
chloromethane	0.75	0.791	-	-5.5	30	85	.01
Freon-114	3.241	3.6	-	-11.1	30	88	.01
methanol	0.192	0.15	-	21.9	30	62	0
vinyl chloride	0.996	1.089	-	-9.3	30	88	.01
1,3-butadiene	0.64	0.698	-	-9.1	30	94	.01
butane	1.207	1.163	-	3.6	30	78	.01
bromomethane	1.216	1.366	-	-12.3	30	89	.01
chloroethane	0.584	0.651	-	-11.5	30	87	.01
ethanol	0.386	0.309	-	19.9	30	63	0
dichlorofluoromethane	1.983	1.826	-	7.9	30	76	0
vinyl bromide	0.922	0.912	-	1.1	30	85	.01
acrolein	0.325	0.274	-	15.7	30	67	.01
acetone	0.977	0.967	-	1	30	87	.01
acetonitrile	0.523	0.432	-	17.4	30	72	0
trichlorofluoromethane	2.884	2.688	-	6.8	30	75	.01
isopropyl alcohol	1.028	0.835	-	18.8	30	74	0
acrylonitrile	0.565	0.506	-	10.4	30	74	0
pentane	1.122	1.013	-	9.7	30	75	.01
ethyl ether	0.536	0.426	-	20.5	30	67	0
1,1-dichloroethene	1.54	1.687	-	-9.5	30	85	0
tertiary butyl alcohol	1.29	0.791	-	38.7*	30	53	0
methylene chloride	0.868	0.863	-	0.6	30	84	0
3-chloropropene	0.699	0.685	-	2	30	88	0
carbon disulfide	2.309	2.364	-	-2.4	30	89	.01
Freon 113	2.315	2.186	-	5.6	30	78	0
trans-1,2-dichloroethene	1.128	1.161	-	-2.9	30	87	0
1,1-dichloroethane	1.587	1.625	-	-2.4	30	81	0
MTBE	2.386	2.321	-	2.7	30	83	0
vinyl acetate	1.375	0.847	-	38.4*	30	56	0
2-butanone	1.247	1.238	-	0.7	30	84	0
cis-1,2-dichloroethene	1.219	1.238	-	-1.6	30	81	0
Ethyl Acetate	0.233	0.255	-	-9.4	30	92	0
chloroform	2.253	2.155	-	4.3	30	78	0
Tetrahydrofuran	0.644	0.655	-	-1.7	30	94	0
2,2-dichloropropane	1.804	1.569	-	13	30	69	0
1,2-dichloroethane	1.34	1.294	-	3.4	30	77	0
1,4-difluorobenzene	1	1	-	0	30	66	0
hexane	0.266	0.331	-	-24.4	30	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: TRC Environmental Corp		Lab Number	: L2576049	
Project Name	: LIRR-NPY-RHY		Project Number	: 000639300	
Instrument ID	: AIRLAB23		Calibration Date	: 12/11/25 15:40	
Lab File ID	: R237278		Init. Calib. Date(s)	: 11/21/25	11/22/25
Sample No	: WG2152814-2		Init. Calib. Times	: 22:35	03:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.21	0.226	-	-7.6	30	71	0
tert-butyl ethyl ether	0.613	0.667	-	-8.8	30	72	0
1,1,1-trichloroethane	0.615	0.652	-	-6	30	72	0
1,1-dichloropropene	0.373	0.425	-	-13.9	30	75	0
benzene	0.729	0.844	-	-15.8	30	77	0
carbon tetrachloride	0.675	0.696	-	-3.1	30	71	0
cyclohexane	0.267	0.326	-	-22.1	30	90	0
tert-amyl methyl ether	0.661	0.701	-	-6.1	30	71	0
dibromomethane	0.347	0.367	-	-5.8	30	70	0
1,2-dichloropropane	0.229	0.284	-	-24	30	84	0
bromodichloromethane	0.55	0.659	-	-19.8	30	85	0
1,4-dioxane	0.162	0.192	-	-18.5	30	84	0
trichloroethene	0.435	0.442	-	-1.6	30	69	0
2,2,4-trimethylpentane	0.822	1.032	-	-25.5	30	91	0
methyl methacrylate	0.223	0.223	-	0	30	69	0
heptane	0.252	0.307	-	-21.8	30	90	0
cis-1,3-dichloropropene	0.392	0.505	-	-28.8	30	84	0
4-methyl-2-pentanone	0.366	0.435	-	-18.9	30	83	0
trans-1,3-dichloropropene	0.311	0.446	-	-43.4*	30	91	0
1,1,2-trichloroethane	0.36	0.408	-	-13.3	30	75	0
chlorobenzene-D5	1	1	-	0	30	66	0
toluene	6.923	7.645	-	-10.4	30	75	0
1,3-dichloropropane	2.996	3.179	-	-6.1	30	73	0
2-hexanone	2.486	2.817	-	-13.3	30	82	0
dibromochloromethane	4.772	5.266	-	-10.4	30	80	0
1,2-dibromoethane	4.07	4.635	-	-13.9	30	76	0
butyl acetate	0.818	0.87	-	-6.4	30	72	0
octane	2.082	2.212	-	-6.2	30	74	0
tetrachloroethene	4.343	4.113	-	5.3	30	66	0
1,1,1,2-tetrachloroethane	3.57	3.33	-	6.7	30	63	0
chlorobenzene	5.831	6.274	-	-7.6	30	73	0
ethylbenzene	8.851	9.703	-	-9.6	30	73	0
m+p-xylene	6.723	7.465	-	-11	30	76	0
bromoform	4.794	4.778	-	0.3	30	73	0
styrene	5.282	5.8	-	-9.8	30	73	0
1,1,2,2-tetrachloroethane	4.893	5.773	-	-18	30	80	0
o-xylene	6.795	7.602	-	-11.9	30	76	0
1,2,3-trichloropropane	3.422	3.623	-	-5.9	30	73	0
nonane	2.774	2.885	-	-4	30	74	0
isopropylbenzene	9.569	9.975	-	-4.2	30	69	0
bromobenzene	4.326	4.502	-	-4.1	30	72	0
2-chlorotoluene	2.813	2.663	-	5.3	30	66	0
n-propylbenzene	2.855	2.84	-	0.5	30	68	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client : TRC Environmental Corp
Project Name : LIRR-NPY-RHY
Matrix (Level) : AIR (LOW)
LCS Sample ID : WG2152814-3 Analysis Date : 12/11/25 15:40 File ID : R237278
LCSD Sample ID : Analysis Date : File ID :
Lab Number : L2576049
Project Number : 000639300

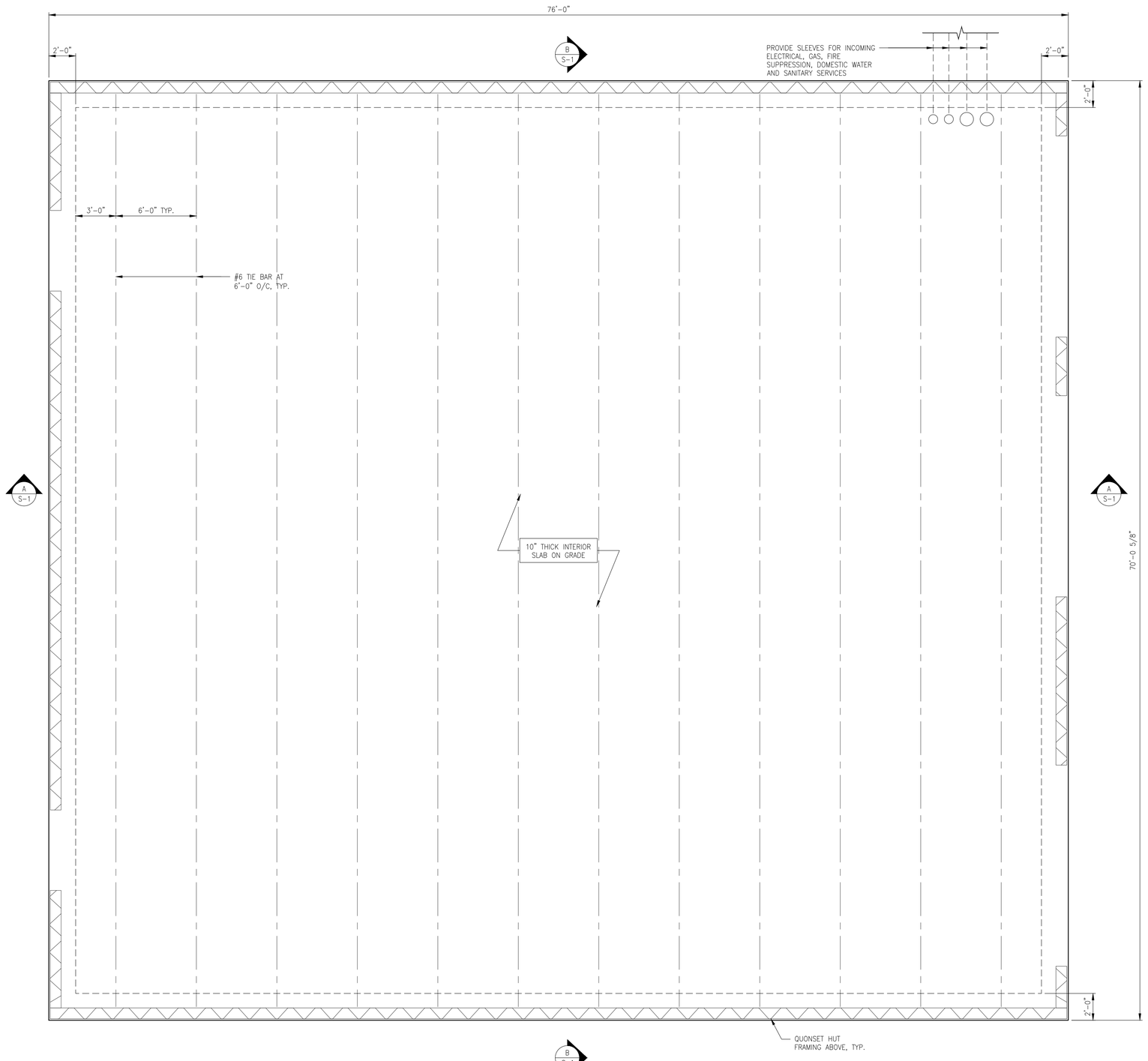
Parameter	Laboratory Control Sample True (ppbV)	Found (ppbV)	%R	Laboratory Control Duplicate True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.3	103				-	70-130	-
Chloromethane	10	10.6	106				-	70-130	-
Freon-114	10	11.1	111				-	70-130	-
Vinyl chloride	10	10.9	109				-	70-130	-
1,3-Butadiene	10	10.9	109				-	70-130	-
Bromomethane	10	11.2	112				-	70-130	-
Chloroethane	10	11.2	112				-	70-130	-
Ethanol	50	40.1	80				-	40-160	-
Vinyl bromide	10	9.89	99				-	70-130	-
Acetone	50	49.5	99				-	40-160	-
Trichlorofluoromethane	10	9.32	93				-	70-130	-
Isopropanol	25	20.3	81				-	40-160	-
1,1-Dichloroethene	10	11.0	110				-	70-130	-
Tertiary butyl Alcohol	10	6.13	61 Q				-	70-130	-
Methylene chloride	10	9.94	99				-	70-130	-
3-Chloropropene	10	9.80	98				-	70-130	-
Carbon disulfide	10	10.2	102				-	70-130	-
Freon-113	10	9.44	94				-	70-130	-
trans-1,2-Dichloroethene	10	10.3	103				-	70-130	-
1,1-Dichloroethane	10	10.2	102				-	70-130	-
Methyl tert butyl ether	10	9.73	97				-	70-130	-
2-Butanone	10	9.93	99				-	70-130	-
cis-1,2-Dichloroethene	10	10.2	102				-	70-130	-
Ethyl Acetate	10	10.9	109				-	70-130	-
Chloroform	10	9.56	96				-	70-130	-
Tetrahydrofuran	10	10.2	102				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: TRC Environmental Corp	**Lab Number**	: L2576049
Project Name	: LIRR-NPY-RHY	**Project Number**	: 000639300
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2152814-3 **Analysis Date** : 12/11/25 15:40	**File ID**	: R237278
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	9.66	97				-	70-130	-
n-Hexane	10	12.4	124				-	70-130	-
1,1,1-Trichloroethane	10	10.6	106				-	70-130	-
Benzene	10	11.6	116				-	70-130	-
Carbon tetrachloride	10	10.3	103				-	70-130	-
Cyclohexane	10	12.2	122				-	70-130	-
1,2-Dichloropropane	10	12.4	124				-	70-130	-
Bromodichloromethane	10	12.0	120				-	70-130	-
1,4-Dioxane	10	11.8	118				-	70-130	-
Trichloroethene	10	10.2	102				-	70-130	-
2,2,4-Trimethylpentane	10	12.5	125				-	70-130	-
Heptane	10	12.2	122				-	70-130	-
cis-1,3-Dichloropropene	10	12.9	129				-	70-130	-
4-Methyl-2-pentanone	10	11.9	119				-	70-130	-
trans-1,3-Dichloropropene	10	14.3	143 Q				-	70-130	-
1,1,2-Trichloroethane	10	11.3	113				-	70-130	-
Toluene	10	11.0	110				-	70-130	-
2-Hexanone	10	11.3	113				-	70-130	-
Dibromochloromethane	10	11.0	110				-	70-130	-
1,2-Dibromoethane	10	11.4	114				-	70-130	-
Tetrachloroethene	10	9.47	95				-	70-130	-
Chlorobenzene	10	10.8	108				-	70-130	-
Ethylbenzene	10	11.0	110				-	70-130	-
p/m-Xylene	20	22.2	111				-	70-130	-
Bromoform	10	9.97	100				-	70-130	-
Styrene	10	11.0	110				-	70-130	-

Appendix F



1 S-1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

INSTALL ELECTRICAL GROUNDING AS PER ET DRAWINGS

NOTES:
1. FOUNDATION DESIGN BASED ON LOADS PROVIDED IN STEEL MASTER DRAWING 81-55018 DATED JULY 8, 2019.
2. REFER TO STEEL MASTER DRAWINGS FOR ALL DIMENSIONS.

GENERAL NOTES

1. ALL STRUCTURAL WORK SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, AND PREFABRICATED BUILDING DRAWINGS AND SHALL CONFORM TO THE PROJECT SPECIFICATIONS, INCLUDING THE 2015 NEW YORK STATE BUILDING CODE.

FOUNDATIONS

1. BUILDING FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL HAVING A MINIMUM BEARING CAPACITY OF 3,750 PSF. AS SPECIFIED IN THE KSE GEOTECHNICAL REPORTED DATED MARCH 8, 2018.
2. ALL EXTERIOR FOOTINGS SHALL BE PLACED A MINIMUM OF 2'-6" BELOW GRADE AND BEAR ON A 1'-0" THICK COMPACTED LAYER OF FROST RESISTANT CRUSHED STONE.
3. CONCRETE SHALL BE POURED IN DRY EXCAVATIONS. LIRR FORCE ACCOUNT SHALL NOTE SOIL AND WATER CONDITIONS AS SHOWN BY BORINGS AND DEPTHS OF FOOTINGS AS SHOWN ON FOUNDATION PLANS.

CONCRETE

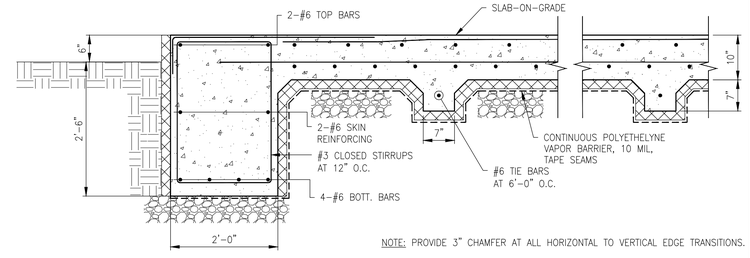
1. ALL CONCRETE WORK SHALL CONFORM TO THE ACI FOLLOWING GOVERNING STANDARDS.
   A. AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318), LATEST EDITION.
   A. ACI "MANUAL OF CONCRETE PRACTICE" LATEST EDITION
   B. CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE" LATEST EDITION
2. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED.
3. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 REINFORCING STEEL SHALL BE DETAILED ACCORDING TO THE ACI "DETAILS AND DETAILING OF REINFORCEMENT", (ACI 315), LATEST EDITION.
4. WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A1064, WITH A MINIMUM YIELD STRENGTH OF 65,000 PSI.
5. PROVIDE CLEARANCE FROM FACE OF CONCRETE TO REINFORCEMENT AS FOLLOWS:
   SLAB-ON-GRADE: ¾" TOP, 3" BOTTOM
   GRADE BEAMS: 1 ½" TOP & SIDES, 3" BOTTOM
6. TENSION LAP SPLICE LENGTHS SHALL BE AS FOLLOWS:
   #3 – 28", #4 – 37", #5 – 47", #6 – 56"
7. SEE OTHER DRAWINGS IN THIS PROJECT FOR SIZE AND LOCATIONS OF EQUIPMENT PADS, INSERT AND EMBED ITEMS.
8. COORDINATE SIZE AND LOCATION OF ALL OPENINGS AND PIPE SLEEVES WITH VARIOUS LIRR F/A DEPARTMENTS (IE. EL&P, PLUMBING, FACILITIES, ETC.). MINIMUM CONCRETE BETWEEN SLEEVES SHALL BE 6". CORE DRILLING OF GRADE BEAMS AND SLABS IS NOT PERMITTED.

SLAB ON GRADE

1. SLAB ON GRADE TO BE REINFORCED WITH #5 AT 12" O.C. TOP BARS & #5 @ 9" O.C. BOTTOM BARS, EACH WAY.
2. SLAB ON GRADE SHALL BEAR ON 6" THICK LAY OF CRUSHED STONE OVER COMPACTED SUBGRADE.

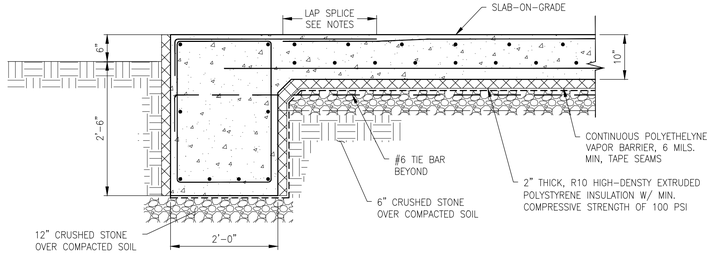
UTILITIES

1. PROVIDE SLAB OPENINGS AND SLEEVES THROUGH THE FOUNDATION TO ALLOW FOR UTILITY CONNECTIONS. THIS SHALL INCLUDE, AND IS NOT LIMITED TO: POWER, GAS, DOMESTIC WATER, FIRE SUPPRESSION, FIRE ALARM, ETC.
2. BUILDING SHALL NOT BE LOCATED DIRECTLY OVER ANY EXISTING UTILITY.



NOTE: PROVIDE 3" CHAMFER AT ALL HORIZONTAL TO VERTICAL EDGE TRANSITIONS.

A S-1 SECTION
SCALE: 3/4" = 1'-0"



NOTE: REFER TO A/S-1 FOR INFORMATION NOT SHOWN, TYP.

B S-1 SECTION
SCALE: 3/4" = 1'-0"

Rev. No.	Drawn by	Chk by	Description	Date
	M.T.S.	U.A.	For Construction	7.29.2019
	M.T.S.	U.A.	Preliminary Set For Q/C Review & Comments	7.26.2019

project:
MORRIS PARK QUONSET HUT FOUNDATION

Metropolitan Transportation Authority

THE LONG ISLAND RAIL ROAD

Office of the Chief Engineer

drawing title:
GENERAL NOTES, SECTIONS & FOUNDATION PLAN

REFERENCE FILES:

designed by: M.T.S.	drawn by: M.T.S.	project no: WO 101200	
checked by: U.A.	scale: AS SHOWN	sheet no: S-1	
in charge: U.A.	date: 07.26.2019		
branch: ATLANTIC		1 of: 1	

ePaul Dynamics

16 Sintsink Drive East
Port Washington, NY 11050-2014
Phone: 516-753-9350
orders@epauldynamics.com

Invoice

Date 10/7/2019
Invoice # GPP3212
Terms Net 30
Due Date 11/6/2019
PO # 4000138968

Supplier ID
0000232559

Bill To
MTA Business Service Center 333 W. 34th St New York NY 10001 United States

Ship To
Don Mailings MTA Long Island Rail Road Morris Park Shops 121st Street & Atlantic Ave Richmond Hill NY 11418 United States

Item #	Description	Quantity	Rate	Amount
8200100	Stego Wrap 15 Mill - 14 Foot x 140 Foot (1 Roll)	4	316.86	1,267.44
Freight	Freight Cost	1	288.00	288.00
8200410	Stego Tape 4" x 190 Foot (1 Roll)	3	47.04	141.12

Total $1,696.56

From: Invoices <invoices@epauldynamics.com>
To: "Invoice@mtabsc.org" <Invoice@mtabsc.org>
Subject: Invoice_GPP3212
Sent: Mon, 7 Oct 2019 18:56:56 +0000

Dear Customer,

Please see attached invoice for processing.

Thank you,

Accounting Department
ePaul Dynamics
A Certified MWBE Company

16 Sintsink Drive East
Port Washington, NY 11050
(516) 753-9350

Appendix G

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 Sean O'Leary Date/Time Prepared 11/25/25 07:32

Preparer's Affiliation TRC Phone No. 646-983-1330

Purpose of Investigation IAQ

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: LIRR MPY

County: Queens

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: LIRR MPY

County: Queens

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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If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) LIRR Railyard Storage Facility

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? N/A

Other characteristics:

Number of floors 1 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / Average / (Not Tight)

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

N/A

Outdoor air infiltration

Garage doors

Infiltration into air ducts

N/A

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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 N/A
c. Basement floor:	concrete	dirt	stone	other N/A
d. Basement floor:	uncovered	covered	covered with N/A	
e. Concrete floor:	unsealed	(sealed)	sealed with _____	
f. Foundation walls:	poured	block	stone	(other) metal aluminum building
g. Foundation walls:	(unsealed)	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy N/A
i. The basement is:	finished	unfinished	partially finished	N/A
j. Sump present?	Y / (N)			
k. Water in sump?	Y / N / ~~not applicable~~			

Basement/Lowest level depth below grade: _____(feet) N/A

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

N/A

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 N/A

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: N/A

Boiler/furnace located in: Basement Outdoors Main Floor Other N/A

Air conditioning: Central Air Window units (Open Windows) (None)
(Garage Door)

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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.

N/A

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	N/A
1st Floor	Storage
2nd Floor	N/A
3rd Floor	N/A
4th Floor	N/A

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? N wall, wood cutting station

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

h. Have cleaning products been used recently? Y (N) When & Type?_____

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

Scanned with CamScanner

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? _____

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

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

Are there odors in the building? Y (N)
If yes, please describe: _____

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? _____

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

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: N/A

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: N/A

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: N/A

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 N/A

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

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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:

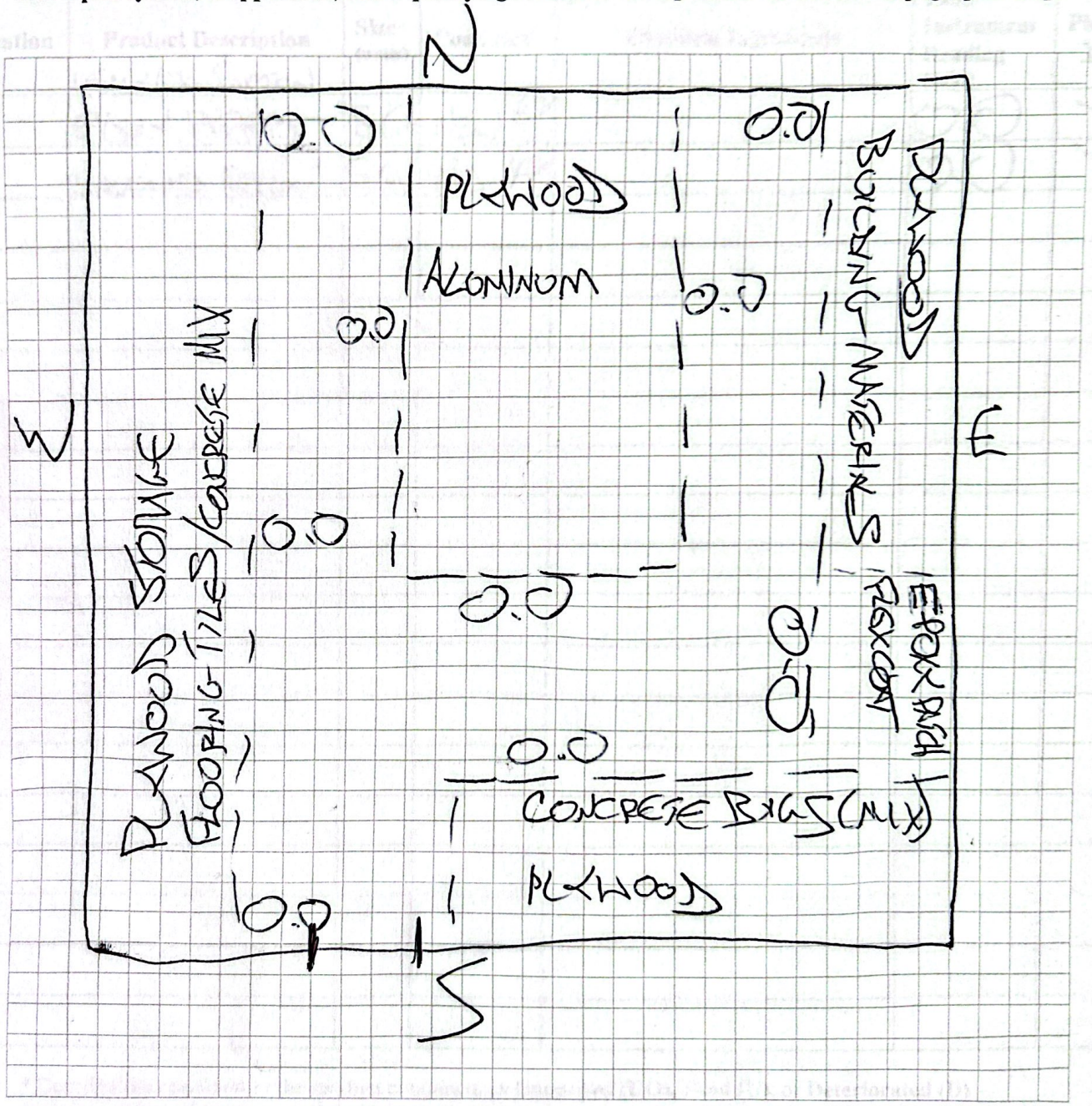
First Floor:

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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.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MINI RAE PPB Blue (#1449)

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
	EPOXY PATCH KIT	5G	NEW (6)		0.0	Y
	SIKAGUARD FLEXGNI	5G	NEW (15)		0.0	Y

* 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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Appendix H

LI Office
40 Doyle Court
East Northport, NY 11731-6405
(631) 462-2226
FAX (631) 462-6434
www.islandpumpandtank.com

NY City Office
1381 Utica Avenue
Brooklyn, NY 11203
(718) 526-6525

CERTIFICATE OF DISPOSAL

This Certificate of Disposal is to verify that the wastes specified on Manifest #0018157413FLE, Manifest #018157414FLE, Manifest #018157415FLE, Manifest #018157416FLE, Manifest #018157418FLE, and Manifest #018157417FLE have been properly disposed of in accordance with all local, state, and federal regulations at Republic Env. System (PA), LLC of Hatfield, PA.

"Disposed of" means processed as specified in 40 CFR et seq.

Disposal Facility Name:	Republic Env. System (PA), LLC
EPA ID or Permit Number:	PAD085690592
Facility Address:	2869 Sandstone Drive Hatfield, PA 19440
Phone Number:	212-822-2676

Authorized Signature: _____

Matthew F. Schieferstein, CHMM - Environmental Services Manager

4-6459-23 ERI Provider: Clean Earth 37274C

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD986961625	1	(877) 577-2869	018157413 FLE

GENERATOR

5. Generator's Name and Mailing Address
PIN LANE ISLAND SOIL BOSS - NO BOYS FROM YOKO
146-01 ARCHER AVENUE, QC 1429
JAMAICA NY 11435
Generator's Phone:

Generator's Site Address (if different than mailing address)
PIN LANE ISLAND SOIL BOSS - NJ
91-63 121ST STREET
RICHMOND HILL NY 11418

6. Transporter 1 Company Name
Green Logistics, LLC AX483C #12 GRID-
U.S. EPA ID Number
NJR986553750

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
REPUBLIC ENV SYS (PA) LLC
1864 Sandycove Drive
Facility's Phone: (412) 822-8035
U.S. EPA ID Number
PAD085582592

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, SOLID, N.O.S. (DIESEL & PETR NA9189, III	XXI	DT	20	T	D008
	2.			18.46		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) 2309811478-00 - ESSENTIAL HAZARDOUS LOAD SOIL
SECTION 36920 SECTION
AS PER TITLE 25, R§41A.71(3) SECTION 11 (3) LINE ACTUAL WEIGHT IS 36920#

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Olutodun Adeniyi
Signature:
Month 08 Day 18 Year 23

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Flo Rodrigue
Signature:
Month 08 Day 18 Year 23
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Mark Connell
Signature:
Month 8 Day 18 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

CleanEarth
HATFIELD, PA 19440

TRUCK # 12

BOX # GRID 109

SIZE

12:13 PM
Aug/18/2023
GRD99: 28060

GENERATOR

ORDER # 2182747

36920
18446

Driver's Signature

ean Earth 3307749

Form Approved. OMB No. 2050-0039

3. Emergency Response Phone	4. Manifest Tracking Number
(877) 577-2669	018157413 FLE

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - MO
91-53 121ST STREET
RICHMOND HILL NY 11418

U.S. EPA ID Number
2 GRID - NJR986653780

U.S. EPA ID Number

U.S. EPA ID Number
PAD085690522

	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	XXI	DT	20	T	D008		

...e fully and accurately described above by the proper shipping name, and are classified, packaged, ...allons. If export shipment and I am the Primary

...true.

Month 08 Day 18 Year 23

Month 08 Day 18 Year 23

Month Day Year

...al Rejection ☐ Full Rejection

...ID Number

Month Day Year

4.

Month 08 Day 18 Year 23

...PA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

...DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

REPUBLIC ENV SYS (PA) LLC

Date: 08/18/2023 Document: 495459-23 Line# 1 Manifest#: 018157413FLE

Generator's Name: MTA LONG ISLAND RAIL ROAD - MO
Address: 91-53 121ST STREET
City: RICHMOND HILL State: NY Zip: 11418

Hauler: Erin Trailer No.: 12

Waste ID: HAZARDOUS LEAD SOIL
D008

Profile: 2300014479-00 Waste Receipt: HAT-K3543 WAP ID: 03035405

Sampled By:

Unloaded By: Erin Time: 201

Unloaded To: Gallons: 3920 #

195451-23 EBI Property Clean Earth 538774

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000041825
2. Page 1 of: 1
3. Emergency Response Phone: (877) 577-2669
4. Manifest Tracking Number: 018157414 FLE

5. Generator's Name and Mailing Address
NYS LONG ISLAND RAIL ROAD - MD BELL PARK YARD
141-01 ROCKER AVENUE, NY 1420
JAMAICA NY 11435
Generator's Phone:

Generator's Site Address (if different than mailing address)
NYR LONG ISLAND RAIL ROAD - MD
91-53 121ST STREET
RICHMOND HILL NY 11418
U.S. EPA ID Number

6. Transporter 1 Company Name: Grid Logistics, LLC 176. A7519Y
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
REPUBLIC SVS SVC (PA) LLC
2065 SANDSTONE DRIVE
Facility's Phone: BATTSFIELD, PA 19440 (215) 822-8336
PAD059590592

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. WASTE HAZARDOUS WASTE, SOLID, N.O.S. (LEAD) 9 PGIII RQ(LEAD)	XX1	DT	22	T	D008
	2.			23.35		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) Z3000134478-UB - EPA(LEAD) HAZARDOUS LEAD SOIL
AS PER TITLE 25, ARTICLE 71(3) SECTION 11 (3) LINE
ACTUAL WEIGHT IS 46700lb
SECIII 46700 SECIII

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.
Generator's/Offeror's Printed/Typed Name: Olalade Adeyk
Signature:
Month 08 Day 18 Year 23

TRANSPORTER INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Byron Simeroz
Signature:
Month 8 Day 18 Year 23
Transporter 2 Printed/Typed Name
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Matt Connell
Signature:
Month 8 Day 18 Year 23

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

CleanEarth
HATFIELD, PA 19440

TRUCK #: 6
BOX #: End Logistics
SIZE: 22
GENERATOR
ORDER #: 0181574S

12:00PM 4990
Aug/18/2023
6R085: 29280

16700
93.35T

5307740

Clean Earth

Form Approved. OMB No. 2050-0039

3. Emergency Response Phone	4. Manifest Tracking Number
(877) 577-2669	018157414 FLE

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - MO
91-53 121ST STREET
RICHMOND HILL NY 11418

U.S. EPA ID Number: NJR986653780

U.S. EPA ID Number:

U.S. EPA ID Number: PAD065590592

	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	XX1 C	DT	22	T	D008		

...proper shipping name, and are classified, packaged, ...gulations. If export shipment and I am the Primary ...is true.

Month 08 Day 18 Year 23

Month 8 Day 18 Year 23

Month Day Year

...Partial Rejection ☐ Full Rejection

...EPA ID Number

Month Day Year

4.

REPUBLIC ENV SYS (PA) LLC

Date: 08/18/2023 Document: 495461-23 Line# 1 Manifest#: 018157414FLE

Generator's Name: MTA LONG ISLAND RAIL ROAD - MO
Address: 91-53 121ST STREET
City: RICHMOND HILL State: NY Zip: 11418

Hauler: End Trailer No.: 6

Waste ID: HAZARDOUS LEAD SOIL
D008

Profile: 2300014479-00 Waste Receipt: HAT-K3549 WAP ID: 03035413

Sampled By:
Unloaded By:
Unloaded To: End

Time: 22:
Gallons: 16700 #

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Mark Connell Signature: Month 8 Day 18 Year 23

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

A95452-23 ERI Provider: Clean Earth

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYD986841625	2. Page 1 of 1	3. Emergency Response Phone (877) 577-2561	4. Manifest Tracking Number 018157415 FLE

GENERATOR

5. Generator's Name and Mailing Address
MTA LONG ISLAND RAIL ROAD - RO 9615 PARK YARD
144-01 ARCHER AVENUE, RO 1120
JAMAICA NY 11435
Generator's Phone:

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - RO
91-53 121ST STREET
RICHMOND HILL NY 11418
U.S. EPA ID Number NJR986859780

6. Transporter 1 Company Name
Spin Logistics, LLC #5
U.S. EPA ID Number

7. Transporter 2 Company Name
AT883X
U.S. EPA ID Number

8. Designated Facility Name and Site Address
PENFLEX ENV STS (PA) LLC
2849 Sandstone Drive
Facility's Phone: HATFIELD, PA 19440 (215) 822-0935
PAD085893595

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077 HAZARDOUS WASTE, SOLID, N.O.S. (LEAD) 9 PGIII RQ(5000-LBS)	XX1	DT	22	T	D008
	2.			20.97		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
[illegible] HAZARDOUS LEAD SOIL
SEC III 41540 SEC II P
PER TITLE 25, ARTICLE 27, SECTION 27-1014(3) SECTION 11 (3) LINE
ACTUAL WEIGHT IS 41940#

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Oleksandr Rivelo
Signature:
Month 08 Day 18 Year 23

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Mendez
Signature:
Month 8 Day 18 Year 23

Transporter 2 Printed/Typed Name
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Paul Connell
Signature:
Month 08 Day 18 Year 23

DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

CleanEarth

HATFIELD, PA 19440

TRUCK #: 5

BOX #: EDD Logistics

SIZE: 24

GENERATOR:

ORDER #: 018157415

Aug 18 2023 11:38AM
Aug/18/2023
GR099: PD280

Driver's Signature

TRANSPORTER

Clean Earth 5357740

Form Approved. OMB No. 2050-0039

3. Emergency Response Phone	4. Manifest Tracking Number
(877) 577-2669	018157415 FLE

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - MO
91-53 121ST STREET
RICHMOND HILL NY 11418

U.S. EPA ID Number: NJR986653780

U.S. EPA ID Number:

U.S. EPA ID Number: PAD085890582

10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
XXI	DT	22	T	D008

nt are fully and accurately described above by the proper shipping name, and are classified, packaged, plicable international and national governmental regulations. If export shipment and I am the Primary owledgment of Consent.
enerator) or (b) (if I am a small quantity generator) is true.

Month 08 Day 18 Year 23

Month 8 Day 18 Year 23

Month Day Year

Partial Rejection ☐ Full Rejection

EPA ID Number

Month Day Year

4.

Month 08 Day 18 Year 23

LITY TO EPA's e-MANIFEST SYSTEM

REPUBLIC ENV SYS (PA) LLC

Date: 08/18/2023 Document: 495462-23 Line# 1 Manifest#: 018157415FLE

Generator's Name: MTA LONG ISLAND RAIL ROAD - MO

Address: 91-53 121ST STREET

City: RICHMOND HILL State: NY Zip: 11418

Hauler: GIO Trailer No.: 5

Waste ID: HAZARDOUS LEAD SOIL
D008

Profile: 2300014479-00 Waste Receipt: HAT-K3552 WAP ID: 03035419

Sampled By:

Unloaded By:

Unloaded To: Gas

Time: 202

Gallons: 41940 #

185453-23 ERI Providers Clean Earth

Please print or type. 227007

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD986641525	1	(877) 577-2669	018157416 FLE

GENERATOR

5. Generator's Name and Mailing Address
NEW LONG ISLAND MAIL ROOM - NY NORTH BEACH YARD
146-01 ARCHER AVENUE, RM 1120
JAMAICA NY 11435
Generator's Phone:

Generator's Site Address (if different than mailing address)
NEW LONG ISLAND MAIL ROOM - NY
31-53 121ST STREET
RICHMOND HILL NY 11418

6. Transporter 1 Company Name
Grik Logistics, LLC # 14 IAX652F

U.S. EPA ID Number
NJR986653780

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
REPUBLIC ENV SYS (PA) LLC
2558 Sandstone Drive
Facility's Phone: WAYNESBURG, PA 15370 (215) 827-9595

U.S. EPA ID Number
PAD088690592

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077 HAZARDOUS WASTE, SOLID, N.O.S. (LEAD) 9 PGIII RQ(D008=10#)	X X T	DT	22	T	D008
	2.			17.55		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) 230081447B-00 - ERI(172) HAZARDOUS LEAD SOIL
SEC11 35100 SEC12 P

AS PER TITLE 25, 264A.71(3) SECTION 11 (3) LINE ACTUAL WEIGHT IS 35100 #

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dolores Abeule
Signature:
Month 08 Day 18 Year 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jucelio da Silva
Signature:
Month 08 Day 18 Year 23
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Mark Gennell
Signature:
Month 8 Day 18 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

CleanEarth
HATFIELD, PA 19440

12:16 PM
08/18/2023
GROSS: 28860
TARE: 17760
NET: 11100
TRUCK#
BOX#
SIZE
GENERATOR
ORDER#
35100
17.55

Driver's Signature

Lean Earth

5307740

Form Approved. OMB No. 2050-0039

3. Emergency Response Phone	4. Manifest Tracking Number
(877) 577-2669	018157416 FLE

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - MO
91-53 121ST STREET
RICHMOND HILL, NY 11418

U.S. EPA ID Number: NJR000653780

U.S. EPA ID Number:

U.S. EPA ID Number: PAD085690592

10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
1	DT	22	T	D008		

re fully and accurately described above by the proper shipping name, and are classified, packaged, able international and national governmental regulations. If export shipment and I am the Primary

is true.

Month Day Year
08 18 23

REPUBLIC ENV SYS (PA) LLC

Date: 08/18/2023 Document: 495463-23 Line# 1 Manifest#: 018157416FLE

Generator's Name: MTA LONG ISLAND RAIL ROAD - MO
Address: 91-53 121ST STREET
City: RICHMOND HILL State: NY Zip: 11418

Hauler: 610 Trailer No.: 14

Waste ID: HAZARDOUS LEAD SOIL
D008

Profile: 2300014479-00 Waste Receipt: HAT-K3536 WAP ID: 03035385

Sampled By:

Unloaded By:

Unloaded To: Ens

Time: 22T

Gallons: 35100#

Month Day Year
08 18 23

artial Rejection ☐ Full Rejection

EPA ID Number

Month Day Year

4.

Month Day Year
8/18/23

1/10 - corrected

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

495466-23 ERI Provider: Clean Earth 5307740

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD980641625	1	(877) 577-2669	018157418 FLE

GENERATOR

5. Generator's Name and Mailing Address
MTA LONG ISLAND RAIL ROAD - RD ARTS PARK YARD
146-01 ARCHER AVENUE, RC 1420
JAMAICA NY 11435
Generator's Phone:

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - RO
91-53 121ST STREET
RICHMOND HILL NY 11418

6. Transporter 1 Company Name
Grid Logistics, LLC 116 7/5/94
U.S. EPA ID Number: NJR986653780

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
REPUBLIC ENV SYS (PA) LLC
2069 Sandstone Drive
Facility's Phone: HATFIELD, PA 19440 (215) 822-0995
U.S. EPA ID Number: PAD085690592

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ3077 HAZARDOUS WASTE, SOLID, N.O.S. (LEAD) 9 PGIII RQ(D008=100)	1	DT	12.81	T	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) 2300014479-00 - EQ6(171) HAZARDOUS LEAD SOIL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: D. [illegible] Signature: Month Day Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Jimenez Signature: Month 8 Day 2 Year
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone: Month Day Year
18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H116 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] Signature: Month 8 Day 25 Year 17

PA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. TRANSPORTER COPY

CleanEarth

HATFIELD, PA 19440

TRUCK # 6 HATS 94

BOX #

11:14 am
Aug/25/2023
GROSS: 54080

SIZE

GENERATOR Envd

11:36 am
Aug/25/2023
GROSS: 29260

ORDER # 01815718

12.81

Driver's Signature

PLANT

495484-23 ERI Provider: Clean Earth 5387740

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD980641625	1	(877) 577-2669	018157417 FLE

GENERATOR

5. Generator's Name and Mailing Address
MTA LONG ISLAND RAIL ROAD - HD RAIS PARK YARD
146-01 ARCHER AVENUE, NC 1420
Generator's Phone: JAMAICA NY 11435

Generator's Site Address (if different than mailing address)
MTA LONG ISLAND RAIL ROAD - HD
91-53 121ST STREET
RICHMOND HILL NY 11418

6. Transporter 1 Company Name
Grid Logistics, LLC

U.S. EPA ID Number
NJR986653780

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
REPUBLIC ENV SYS (PA) LLC
2869 Sandstone Drive
Facility's Phone: HATFIELD, PA 19440 (215) 822-0995

U.S. EPA ID Number
PAD085690592

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. HA3077 HAZARDOUS WASTE, SOLID, N.O.S. (LEAD) 9 PGIII RQ(D008=100)	XXI	DT	22	T	D008		
	2.			17.07				
	3.							
	4.							

14. Special Handling Instructions and Additional Information
(1) 2300814479-00 - ERG(171) HAZARDOUS LEAD SOIL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER COPY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

CleanEarth

HATFIELD, PA 19440

TRUCK # 12

11:39 am
Aug/25/2023
GROSS: 28180

BOX #

11:17 am
Aug/25/2023
GROSS: 62320

SIZE

GENERATOR

ORDER #

Driver's Signature

PLANT

Facility for Approval:
ESOL - Hatfield, PA

Profile #:

Generator #: 284591

Requested Process Code STAB02

Customer Experience Manager:

Approval Date

Account Manager:

Approved Process Code

A: GENERATOR INFORMATION **Name:** MTA/Long Island Rail Road - Morris Park Yard **NAICS** 485112 **EPA ID#:** NYD980641625

Site Address : 91-53 121st Street City: Richmond Hill State: NY Zip : 11418

Mailing Address : 146-01 Archer Avenue, MC: 1428 City: Jamaica State: NY Zip : 11435

Contact: Magdalena Rychtecka, M.S.C.E. Email: mrychte@litt.org Phone: 347-494-6022 Fax:

Title: Manager Corporate Project EHS Compliance Manifest ER phone #: 347-494-6022 Subpart P ☐ Yes ☑ No **State ID#**

Generator Status: ☑ LQG ☐ SQG ☐ VSQG/CESQG NESHAP Generator: ☐ Yes ☑ No NESHAP TAB ☐ Yes ☑ No

TSDF Approval List ☑ Yes ☐ No Disposal Restrictions:

B: CUSTOMER/BILLING/BROKER INFORMATION: ☐ Same as Generating Facility address

Company Name: Soil Safe, Inc Phone: 410-872-3990

Address: 6716 Alexander Bell Drive Suite 150 City: Columbia State MD Zip: 21046

Contact: Shaun Day Email: sday@gflenv.com Fax: 410-872-9082

C: WASTE INFORMATION: Waste Common Name: Lead Contaminated Soil

Process generating Waste (be specific) : Excavation of contaminated soils/

Form : W 301 Source : G 049 Origin: Unused Commercial Product: ☐ Yes ☑ No Spill Residue: ☐ Yes ☑ No

Loosepack ☐ Yes ☑ No Generator has provided the following: ☑ Analysis ☐ Formulary ☐ SDS ☐ Sample

D PHYSICAL CHARACTERISTICS OF WASTE Enter all applicable information and check all that apply:

Layers:	**Physical State** (Liquid, Solid, Sludge, Comp Gas, Debris, Powder, Monolithic solid)	**Range** (30% max)	**Color**	**Specific Gravity** (water=1, oil<1, sol >1)	**Viscosity** (Low-water, Med-oil,High-Honey)
☐ Multi-layered	Top Layer: Solid	100 - 100	Brown	>1	
☐ Bi-Layered	Middle Layer:	-			
☑ Single Phased	Bottom Layer:	-			

Odor ☑ None ☐ Mild ☐ Strong Description: Pumpable: ☐ Yes ☑ No % Free Liquid:

pH: ☐ N/A ☐ ≤2 ☐ >2 -4 ☐ 4.01 - 10 ☑ 10.01-12.49 ☐ ≥12.5 Actual (**D002:** pH ≤2 or ≥12.5)

Liquid Flash Point: (D001 <140f) ☐ <73˚ F ☐ 73-100˚ F ☐ 101<140˚ F ☐ 140-200˚F ☐ >200˚F ☑ None Actual: ☐ Closed ☐ Open

BTU/lbs range: ☐ <2000 btu/lb ☐ 2000-5000 btu/lb ☐ >5000 btu/lb % Halogens : % Water: % Ash :

E CHEMICAL COMPOSITION OF WASTE (TOTAL comp with all hazardous & non-hazardous must exceed 100% constituents) :

Constituent	TRI (sec 313)	Range (max of 30%)	Constituent	TRI	Range
Soil	☐	100 to 100 %		☐	to %
Lead (9.91 mg/L - TCLP)	☐	to %		☐	to %
	☐	to %		☐	to %
	☐	to %		☐	to %
	☐	to %		☐	to %

F Indicate if this waste contains any of the following and by what supporting means: ☑ Lab Analysis ☐ Generator Knowledge ☐ SDS

PCB ☑ N/A ppm Pesticides ☑ N/A ppm **VOC (ppm)** ☐ N/A

PCB TSCA Regulated ☑ Yes ☐ No Benzene ☑ N/A ppm **TOC** ☑ <500 ☐ >500

Cyanides, Total ☑ N/A ppm Water >10% ☐ Yes ☐ No ☐ N/A ☐ <1% Subject to Subpart CC:

Sulfides, Total ☑ N/A ppm NESHAP TAB ☐ Yes ☐ No ☐ 1-10% ☐ >10% ☐ Yes ☐ No

G Check all that may apply:

☐ Ignitable Solid	☐ Cyanide Reactive	☐ Reactive (Other)/Temp Sens	☐ CERCLA	☐ Dioxins	☐ Infectious
☐ Water Reactive	☐ Sulfide Reactive	☐ Oxidizer	☐ Asbestos, Friable	☐ Phenolics	☐ Radioactive
☐ APHIS Waste	☐ PFAS/PFOA	☐ Shock Sensitive	☐ Asbestos, Non-friable	☐ Ammonia	☐ Herbicides
		☐ Medical (sharps,needles)	☑ RCRA Haz Debris	☐ Subpart P	☐ Explosive

H REGULATED CONSTITUENTS: Check any regulated constituent above regulatory limit and note value. Check test method and source(s) used :

Test Type: ☐ TCLP ☐ Total **Source(s):** ☐ Analytical ☐ Generator Knowledge ☐ SDS

Volatile Compounds:	TCLP Limit (mg/l)
☐ D018 Benzene	0.5
☐ D019 Carbon Tetrachloride	0.5
☐ D020 Chlorobenzene	100.0
☐ D021 Chloroform	6.0
☐ D022 1,2-Dichloromethane	0.5
☐ D028 1,1-Dichloroethylene	0.7
☐ D035 Methyl ethyl ketone	200.0
☐ D039 Tetrachloroethylene	0.7
☐ D040 Trichloroethylene	0.5
☐ D043 Vinyl Chloride	0.2

Pesticide/Herbicide	
☐ D012 Endrin	0.02
☐ D013 Lindane	0.4
☐ D014 Methoxychlor	10.0
☐ D015 Toxaphene	0.5
☐ D016 2,4-D	10.0
☐ D017 2,4,5-TP (silvex)	1.0

Semi-Volatiles:	TCLP Limit (mg/l)
☐ D023 o-Cresol	200.0
☐ D024 m-Cresol	200.0
☐ D025 p-Cresol	200.0
☐ D026 Cresol (Total)	200.0
☐ D027 1,4-Dichlorobenzene	7.5
☐ D030 2,4-Dinitrotoluene	0.13
☐ D032 Hexachlorobenzene	0.13
☐ D033 Hexachlorobutadiene	0.5
☐ D034 Hexachloroethane	3.0
☐ D036 Nitrobenzene	2.0
☐ D037 Pentachlorophenol	100.0
☐ D038 Pyridine	5.0
☐ D041 2,4,5-Trichlorophenol	400.0
☐ D042 2,4,6-Trichlorophenol	2.0
☐ D020 Chlordane	0.03
☐ D031 Hepachlor (& its epoxide)	0.008

METALS:	TCLP Limit (mg/l)	
☐ D004 Arsenic (As)	5.0	ppm
☐ D005 Barium (Ba)	100.0	ppm
☐ D006 Cadmium(Cd)	1.0	ppm
☐ D007 Chromium(Cr)	5.0	ppm
☑ D008 Lead (Pb)	5.0	9.19 ppm
☐ D009 Mercury (Hg)	0.2	ppm
☐ D010 Selenium (Se)	1.0	ppm
☐ D011 Silver (Ag)	5.0	ppm
☐ Antimony (Sb)		ppm
☐ Beryllium (Be)		ppm
☐ Hexavalent Chrome (Cr+6)		ppm
☐ Cobalt (Co)		ppm
☐ Copper (Cu)		ppm
☐ Nickel (Ni)		ppm
☐ Thallium (Tl)		ppm
☐ Vanadium (V)		ppm
☑ Zinc (Zn)		ppm

I USEPA / STATE / GENERATOR STATE WASTE IDENTIFICATION:

EPA Hazardous Waste : ☐ Yes ☑ No Federal Universal Waste: ☐ Yes ☑ No EPA Exemption ref:

List ALL applicable RCRA waste codes: D008

State Regulated Waste : ☐ Yes ☑ No Generator State Universal Waste: ☐ Yes ☑ No DW/EHW: ☐ Yes ☑ No

List all applicable State waste codes :

Pennsylvania Generators: If you completed a source reduction strategy (**PA FORM 25R** link), please submit with this profile.

LANDFILL INFORMATION

Waste Subject to Land Disposal Restrictions (LDR)? ☑ **Yes** ☐ No

This waste is a ☐ Wastewater (TOC<1%, TSS<1%) ☑ Non-wastewater

LDR Material meets Federal Treatment Standards? ☑ Yes ☐ No

IDENTIFY ALL UHC's IN THIS WASTE STREAM : Lead

J SHIPPING INFORMATION : Limited Quantuty ☑ Yes ☐ No Marine Pollutant ☐ Yes ☑ **No**

Is this a DOT Hazardous Material? ☑ Yes ☐ No Reportable Quantity (RQ) item in pounds: 100

Inhalation Hazard? ☐ Yes ☑ No If Yes, ZONE? – Additional DOT Information:

(Ex. Lighter test, CA letter, Special Permit)

US DOT DESCRIPTION: USE THE FULL BASIC DESCRIPTION ON THE HAZARDOUS WASTE MANIFEST:

NA3077, Hazardous Waste Solid, N.O.S. (Lead), 9, PG III

Ex: UN1993, Waste Flammable Liquid, N.O.S (acetone, methanol), 3, UN1993, PG II

Method of Shipment: ☐ Bulk Liquid ☑ Bulk Solid ☐ Container (type/size):

Average Shipment Quantity w/ UOM (lbs, gallons, drums, etc): 75 yards Shipping Frequency (one time, daily, weekly, etc): One Time

GENERATOR CERTIFICATION

To the best of my knowledge and belief, I hereby warrant and represent that the information contained and submitted in the waste profile and all attached documents is true, accurate, and complete and that no material fact has been omitted as to make this misleading. I understand that others may rely on this information in the handling and processing of the waste material described herein. By signing this waste profile, I am certifying that I am authorized to sign such documentation on behalf of the generator.

Seth Plitt	Seth Plitt	Field Engineer-LIRR CSD	06/28/23
Authorized Signature	**Authorized Printed Name**	**Title**	**Date**

Permitted Facility for Approval

In accordance with 40 CFR 264.12(b),

Republic Environmental Systems (Pennsylvania), LLC has the appropriate permits for, and will accept the waste the generator is shipping as described in this profile.

Section To be completed by Clean Earth

SPECIAL HANDLING/ DISPOSAL INSTRUCTIONS:

☐ Requires PUSO TAB Profile ☐ Meets Categorical Discharge Standards CTW Category

Report Date: 04/12/2023
Client Project ID: Morris Park-1
York Project (SDG) No.: 23D0038

AB Environmental
1599 Ocean Avenue
Bohemia NY, 11716
Attention: Ken Walsh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 03, 2023 and listed below. The project was identified as your project: **Morris Park-1**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23D0038-01	MP1	Soil	04/03/2023	04/03/2023

General Notes for York Project (SDG) No.: 23D0038

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: Cassie L. Mosher

Date: 04/12/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/05/2023 23:47	BMT
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.0 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311	04/06/2023 08:18	04/07/2023 09:37	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.4 %*	*10-90.9*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*24.9 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.0 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.3 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.6 %*	*25.8-110*

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:30	BJ
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	04/04/2023 15:15	04/05/2023 21:58	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.0 %*	*30-140*

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311	04/06/2023 08:24	04/06/2023 14:19	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311	04/06/2023 08:24	04/06/2023 14:19	BJ-
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*23.0 %*	*10-150*

Alcohols, C1-C3 Targets

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	ND		mg/kg dry	27.5	1	EPA 8015D m	04/07/2023 12:04	04/08/2023 14:18	CLO
							Certifications:			

Glycols, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	21.5	1	GC/FID	04/10/2023 11:49	04/10/2023 14:48	CLO
							Certifications:			

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.509**		mg/kg dry	0.0385	1	EPA 6010D	04/06/2023 14:14	04/07/2023 16:51	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Beryllium, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/L	0.0125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MP1** **York Sample ID:** **23D0038-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Copper by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**210**		mg/kg dry	1.53	1	EPA 6010D	04/06/2023 14:14	04/07/2023 16:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Copper, TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.500	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.772**		mg/L	0.625	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.19**		mg/L	0.125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nickel by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**26.2**		mg/kg dry	0.762	1	EPA 6010D	04/06/2023 14:14	04/07/2023 16:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Nickel, TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.250	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Zinc by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**177**		mg/kg dry	1.90	1	EPA 6010D	04/06/2023 14:14	04/07/2023 16:51	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Zinc, TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**1.30**		mg/L	0.625	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:24	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, TCLP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.000269**		mg/L	0.000200	1	EPA 7470/1311	04/11/2023 16:52	04/11/2023 16:52	AD
							Certifications:	CTDOH-PH-0723,NJDEP,PADEP,NELAC-NY10854		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	04/10/2023 14:59	04/10/2023 21:25	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.12**		pH units	0.500	1	EPA 9045D	04/05/2023 14:47	04/05/2023 18:31	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.12**		pH units	0.500	1	EPA 9045D	04/05/2023 14:47	04/05/2023 18:31	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP		

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	04/05/2023 14:43	04/05/2023 22:47	SL
							Certifications:	CTDOH-PH-0723,PADEP		

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

Reactivity-Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**80.0**		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP	04/05/2023 14:45	04/05/2023 22:48	SL

Temperature

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.4**		°C	1.00	1	EPA 170.1 Certifications:	04/05/2023 14:47	04/05/2023 18:31	NJO

Ignitability

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	04/04/2023 09:38	04/04/2023 12:19	TAJ

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**520**		mV	-200	1	ASTM 1498-08 M Certifications:	04/06/2023 14:11	04/06/2023 16:26	S_S

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	04/06/2023 19:27	04/06/2023 22:14	AGNR

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	04/04/2023 14:01	04/05/2023 09:42	LC

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MP1 **York Sample ID:** 23D0038-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0038	Morris Park-1	Soil	April 3, 2023 11:00 am	04/03/2023

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/04/2023 13:50	04/05/2023 09:19	AD2
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/04/2023 13:41	04/05/2023 09:53	TAJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23D0038-01	MP1	250mL Plastic Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
IGN-01	Non-Ignit.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23D0038

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675 | Page ____ of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company:	Company:	Company:	Morris Park - 2	RUSH - Next Day
Address: AB Environmental 1599 Ocean Avenue Bohemia, NY 11716	Address: AB Environmental 1599 Ocean Avenue Bohemia, NY 11716	Address: AB Environmental 1599 Ocean Avenue Bohemia, NY 11716	YOUR Project Name	RUSH - Two Day
Phone.: (631) 567-6545	Phone.: (631) 567-6545	Phone.: (631) 567-6545		RUSH - Three Day
Contact: www.abenviro.com	Contact: www.abenviro.com	Contact: www.abenviro.com		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Ken Wahl

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil / Other	Other:		NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MP2	S	4/3/23 1100	Clean Earth of North Jersey Lees 8260, 8270 + RCRA Total Metals	3 - 8oz Jars

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)
HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Ken Wahl	4/3/23 1245	KBachyork	4/3/23 1245PM	KBachyork	4/3/23 1635
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/3/23 1635 4.3 Degrees C

DURANTE BROS.
FILL MATERIAL TRANSFER STATION
31-40 123rd Street, Flushing, New York 11354 • T: 718-762-2500 F: 718-762-2707
www.durantebrothers.com

To whom it may concern,

Please accept this letter as written notice that Durante Bros Const., located at 31-40 123rd Street Flushing NY 11354 accepts clean concrete and recycles 100% of the material.

All products produced, specifically ¾ stone, is 100% clean, recycled concrete.

It is made up of clean concrete that has not been comingled with any other material or been sourced from or sorted at any environmentally impacted or contaminated property(ies).

Sincerely,

Louis J Durante

Posillico Job #: 23346C Posillico Customer #: 13022 Tracking Doc #: Scale Ticket #: 48[illegible]86

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	Non Hazardous Contaminated Soil - 5010
WASTE QUANTITY:	Quantities are estimated: 10-wheeler tri-axles: 25 tons; 18-wheeler trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Source Name: LIRR - Morris Park Yard - 4160 Address: 91-53 121st Street City: Richmond Hill State: NY Zip Code: 11418

GENERATOR: Name: Long Island Rail Road

Address: 91-53 121st Street City: Richmond Hill State: NY Zip: 11418

Authorized Representative of Generator: ~~Shawn Madden~~ Seth Platt - LIRR (AS AGENT) Phone: 631-459-1244

Transporter Name: Miller Environmental

Receiving Facility Name: Posillico Materials, LLC ☐ Chosen by Transporter

Address: 1610 New Highway City: Farmingdale State: NY Zip: 11735

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: ~~Shawn Madden~~ Seth Platt - LIRR CSD EPC Date: 11-21-23

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A 041

Transporter Company Name: Miller Environmental

Truck #: 7801

Driver Name (print): Henry Silva Phone: 631-862-6545 Plate No.: 34132-PT

Signature: Henry Silva Date: 11-21-23

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4720-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☑ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste:

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Mon Phone: 631-249-1872

Signature: Date: 11/21/23

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Posillico Job #: 23346C Posillico Customer #: 13022 Tracking Doc #: Scale Ticket #: 487291

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	Non Hazardous Contaminated Soil - 5010
WASTE QUANTITY:	Quantities are estimated: 10-wheeler tri-axles: 25 tons; 18-wheeler trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Source Name: LIRR - Morris Park Yard - 4160 Address: 91-53 121st Street City: Richmond Hill State: NY Zip Code: 11418

GENERATOR: Name: Long Island Rail Road

Address: 91-53 121st Street City: Richmond Hill State: NY Zip: 11418

Authorized Representative of Generator: Seth Plath - LIRR Morris Park Yard Phone:

Transporter Name: Miller Environmental Group

Receiving Facility Name: Posillico Materials, LLC ☑ Chosen by Transporter

Address: 1610 New Highway City: Farmingdale State: NY Zip: 11735

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

X Signature: Seth Plath - LIRR CSD Date: 11-27-23

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: Miller Environmental Group

Truck #: 7801

Driver Name (print): HENRY SILVA Phone: 631 587-6545 Plate No.: 36132-PF

Signature: Henry Silva Date: 11-27-23

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4720-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☑ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste:

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Men Phone: 631-249-1872

Signature: Date: 11/27/23

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Posillico Job #: 23444C Posillico Customer #: 13022 Tracking Doc #: Scale Ticket #: 487492

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	Non Hazardous Contaminated Soil - 5010
WASTE QUANTITY:	Quantities are estimated: 10-wheeler tri-axles: 25 tons; 18-wheeler trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Source Name: LIRR - Morris Park Yard - ST (Signal Trailer) Address: 91-53 121st Street City: Richmond Hill State: NY Zip Code: 11418

GENERATOR: Name: Long Island Rail Road

Address: 91-53 121st Street City: Richmond Hill State: NY Zip: 11418

Authorized Representative of Generator: SMITH-LIRR-CSDEPC Phone: 347-494-6403

Transporter Name: Miller Environmental Group.

Receiving Facility Name: Posillico Materials, LLC ☐ Chosen by Transporter

Address: 1610 New Highway City: Farmingdale State: NY Zip: 11735

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: SMITH-LIRR-CSDEPC Date: 12-1-23

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Truck #: 7801

Driver Name (print): HENRY SILVA Phone: 631-567-6545 Plate No.: 3572PF

Signature: Henry Silva Date: 12-1-23

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4720-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☑ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste:

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Men Phone: 631-249-1872

Signature: Date: 12/1/23

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Posillico Job #: 23346C Posillico Customer #: 13022 Tracking Doc #: Scale Ticket #: 488448

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	Non Hazardous Contaminated Soil - 5010 (41-60)
WASTE QUANTITY:	Quantities are estimated: 10-wheeler tri-axles: 25 tons; 18-wheeler trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Source Name: LIRR - Morris Park Yard - 4160 Address: 91-53 121st Street City: Richmond Hill State: NY Zip Code: 11418

GENERATOR: Name: Long Island Rail Road

Address: 91-53 121st Street City: Richmond Hill State: NY Zip: 11418

Authorized Representative of Generator: Sathpliti - LIRR CSD EP Phone: 347-494-6403

Transporter Name: Miller Environmental Group

Receiving Facility Name: Posillico Materials, LLC ☑ Chosen by Transporter

Address: 1610 New Highway City: Farmingdale State: NY Zip: 11735

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Sathpliti - LIRR CSD - EP Date: ~~11/30/23~~ 12/4/23

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: Miller Environmental Group

Truck #: 7801

Driver Name (print): HENRY SILVA Phone: 631-567-6545 Plate No.: 35727-PC

Signature: Henry Silva Date: 12-4-23

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4720-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☑ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste:

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: James Mon Phone: 631-249-1872

Signature: Date: 12/4/23

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Posillico Materials Approval Form
Approval No.: 23346C

Application Item 1: - Generator/Project Information
Long Island Rail Road – Morris Park Yard - 4160
91-53 121st Street, Richmond Hill, Queens, New York, 11418
NYSDEC Resource Conservation and Recovery program Site No. 241130

Application Item 3 –Client Information/Import Volume Approval for:
Miller Environmental Group
1599 Ocean Avenue, Bohemia, New York, 11716

Application Item 5-Material Information

- Estimated Quantity: 40 cubic yards
- Material Composition: Soil
- Laboratory Report: York Analytical Laboratories Technical Report No. 23G0035

Reviewed Summary:
Miller Environmental Group (Miller) is proposing to export 40 cubic yards of soil to Posillico Materials NYSDEC 360 Permitted Wash Plant Facility in Farmingdale, Permit No. 1-4720-00695 (herein referred to as the "Wash Plant"). The Wash Plant can accept soils meeting: NYSDEC Part 360 General Fill Requirements, identified as "Clean"; soils failing NYSDEC Part 360 General Fill Requirements, identified as "Contaminated"; and Recognizable Uncontaminated Concrete, Asphalt, Rock, Brick and Soil (RUCARBS). According to Miller, the soil is associated with an older turn style yard for the Long Island Railroad, that was utilized for equipment refueling. The site is currently managed under the NYSDEC Resource Conservation and Recovery program under Site No. 241130. Three waste characterization samples, designated as "4160-1, 4160-2, and 4160-3" were collected for disposal purposes. The sample was analyzed for Volatile Organic Compounds (VOCs), TCLP VOCs, Semi-volatile Organic Compounds (SVOCs), TCLP SVOCs, Metals, TCLP Metals, PCBs, Pesticides, TCLP Pesticides, and Herbicides.

Analytical Results:
According to the York Analytical Laboratory Technical Report results, the three soils waste characterization samples do not meet NYSDEC Part 360.13 General Fill Requirements and were found to be non-hazardous. The soils corresponding with waste characterization samples "4160-1, 4160-2, and 4160-3" are eligible for the contaminated soils bin at the Posillico Materials Wash Plant in Farmingdale.

Contaminated Soil Bin:
Based on the above referenced data, up to **40 cubic yards or 60 tons** of soil is approved for the Contaminated Soil Bin at Posillico Materials Wash Plant in Farmingdale. No other material is to come to the Wash Plant.

Additional Requirements:

- Posillico Materials reserves the right to perform QA/QC sampling during the import of this material.
- Contaminated Soil must be shipped using a NYSDEC Part 360 tracking document and must also be shipped in a truck with a valid Part 364 permit registered with the NYSDEC.
- If any deleterious material (asbestos, wood, plastic, organics and general garbage) is encountered or identified, the load will be rejected at the gate or a surcharge will be applied.
- If standing liquid is encountered or identified in the truck, the load will be rejected at the gate or a surcharge will be applied.

The applicant warrants that the material proposed for shipment is in fact, the same material which was tested and is represented by the sample results provided with this application. All deliveries **must** be scheduled in advance all material will be weighed on scales.

Please contact me if you have any questions.

Justin Livore

Justin Livore
Environmental Engineer

Date: 10/02/2023

Technical Report

prepared for:

AB Environmental
1599 Ocean Avenue
Bohemia NY, 11716
Attention: Shawn Madden

Report Date: 07/13/2023
Client Project ID: Morris Park Yard
York Project (SDG) No.: 23G0035

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/13/2023
Client Project ID: Morris Park Yard
York Project (SDG) No.: 23G0035

AB Environmental
1599 Ocean Avenue
Bohemia NY, 11716
Attention: Shawn Madden

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 03, 2023 and listed below. The project was identified as your project: **Morris Park Yard**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G0035-01	4160-1	Soil	06/28/2023	07/03/2023
23G0035-02	4160-2	Soil	06/28/2023	07/03/2023
23G0035-03	4160-3	Soil	06/28/2023	07/03/2023

General Notes for York Project (SDG) No.: 23G0035

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 07/13/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND	CCVE	ug/kg dry	60	120	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**6.5**	J	ug/kg dry	6.0	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723	BMT
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	07/06/2023 12:30	07/07/2023 00:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	07/06/2023 12:30	07/07/2023 00:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	BMT

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:22	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*85-120*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.8	95.3	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.3	190	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:22	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.8	95.3	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,PADEP	07/11/2023 17:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,PADEP	07/11/2023 17:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**82.3**	J	ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**159**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**1030**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**1150**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**1430**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**752**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**519**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
105-60-2	Caprolactam	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
86-74-8	**Carbazole**	**60.2**	J	ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
218-01-9	**Chrysene**	**957**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
53-70-3	**Dibenzo(a,h)anthracene**	**206**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22	KH
206-44-0	**Fluoranthene**	**1830**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH
86-73-7	Fluorene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:22	KH

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**938**	CCVE	ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**653**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**1690**		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.9 %*	*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	HT-PR	ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
121-14-2	2,4-Dinitrotoluene	ND	HT-PR	ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
95-48-7	2-Methylphenol	ND	HT-PR	ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
1319-77-3	Cresols, total	ND	HT-PR	ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	07/10/2023 17:14	07/12/2023 11:58	KH
118-74-1	Hexachlorobenzene	ND	HT-PR	ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
87-68-3	Hexachlorobutadiene	ND	HT-PR	ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
67-72-1	Hexachloroethane	ND	HT-PR	ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
98-95-3	Nitrobenzene	ND	HT-PR	ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
87-86-5	Pentachlorophenol	ND	HT-PR	ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH
110-86-1	Pyridine	ND	HT-PR, QL-02	ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 11:58	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.0 %*	HT-PR	*10-90.9*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.7 %*	HT-PR	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*93.5 %*	HT-PR	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.0 %*	HT-PR	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	HT-PR	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.6 %*	HT-PR	*25.8-110*

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
57-74-9	Chlordane, total	ND		ug/kg dry	38.3	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
60-57-1	Dieldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,PADEP	07/09/2023 17:52	SCB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
72-43-5	Methoxychlor	ND		ug/kg dry	9.58	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB
8001-35-2	Toxaphene	ND		ug/kg dry	97.0	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:52	SCB

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ
1024-57-3	Heptachlor epoxide	ND	P	ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 17:50	BCJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*127 %*	S-08, S-GC	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.1 %*		*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 20:54	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/07/2023 17:30	07/09/2023 20:54	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.0 %*	*30-140*

Herbicides, Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	23.1	1	EPA 8151A Certifications:	07/10/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:04	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	23.1	1	EPA 8151A Certifications:	07/10/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:04	BCJ
94-75-7	2,4-D	ND		ug/kg dry	23.1	1	EPA 8151A Certifications:	07/10/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:04	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*76.2 %*	*21-150*

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311	07/09/2023 12:48	07/10/2023 18:17	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311	07/09/2023 12:48	07/10/2023 18:17	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*30.4 %*	*10-150*

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**10.2**		mg/kg dry	1.23	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**65.6**		mg/kg dry	2.04	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.245	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**26.2**		mg/kg dry	0.409	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**116**		mg/kg dry	0.409	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.04	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.412	1	EPA 6010D	07/11/2023 14:09	07/12/2023 15:57	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:29	07/12/2023 21:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0625**		mg/kg dry	0.0353	1	EPA 7473	07/11/2023 15:57	07/11/2023 19:23	AGNR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	07/06/2023 09:35	07/06/2023 12:00	AA
							Certifications: CTDOH-PH-0723,NJDEP,PADEP,NELAC-NY10854			

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.00**		pH units	0.500	1	EPA 9045D	07/12/2023 08:05	07/12/2023 11:22	PMB
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP			

Reactivity-Cyanide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	07/07/2023 14:43	07/07/2023 22:05	SL
							Certifications: CTDOH-PH-0723,PADEP			

Reactivity-Sulfide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**40.0**		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	07/07/2023 14:45	07/07/2023 22:10	SL
							Certifications: CTDOH-PH-0723,PADEP			

Sample Information

Client Sample ID: 4160-1 **York Sample ID:** 23G0035-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Temperature

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.2**		°C	1.00	1	EPA 170.1	07/12/2023 08:05	07/12/2023 11:27	PMB
							Certifications:			

Ignitability

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	07/05/2023 08:42	07/05/2023 08:56	TAJ
							Certifications:			

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.0**		%	0.100	1	SM 2540G	07/06/2023 08:08	07/06/2023 12:13	PMB
							Certifications: CTDOH-PH-0723			

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:08	07/06/2023 09:15	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:12	07/06/2023 09:13	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:02	07/06/2023 08:32	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
123-91-1	1,4-Dioxane	ND	CCVE	ug/kg dry	58	120	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
67-64-1	Acetone	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
75-09-2	**Methylene chloride**	**9.7**	J	ug/kg dry	5.8	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMT
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMT
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	BMT
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260D Certifications:	07/05/2023 12:30	07/05/2023 23:48	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	07/06/2023 12:30	07/07/2023 00:49	BMT CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	07/06/2023 12:30	07/07/2023 00:49	BMT CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 00:49	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.1	190	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:53	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:53	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	07/08/2023 20:00	07/11/2023 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,PADEP	07/11/2023 17:53	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,PADEP	07/11/2023 17:53	KH
58-90-2	**2,3,4,6-Tetrachlorophenol**	**503**		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**97.3**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	190	381	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**146**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	190	381	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**417**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**515**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**716**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**538**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**210**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
105-60-2	Caprolactam	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
86-74-8	**Carbazole**	**71.4**	J	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
218-01-9	**Chrysene**	**450**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
53-70-3	**Dibenzo(a,h)anthracene**	**106**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53	KH
206-44-0	**Fluoranthene**	**844**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH
86-73-7	Fluorene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:53	KH

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**542**	CCVE	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	**Pentachlorophenol**	**16700**	CAL-E	ug/kg dry	1190	2380	50	EPA 8270D Certifications:	07/08/2023 20:00	07/12/2023 14:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**448**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**863**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 17:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.4 %*	*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	HT-PR	ug/L	6.45	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: NELAC-NY10854,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	ug/L	7.22	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	ug/L	6.54	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND	HT-PR	ug/L	4.73	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND	HT-PR	ug/L	1.71	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	ug/L	7.43	20.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
1319-77-3	Cresols, total	ND	HT-PR	ug/L	7.40	30.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854			
118-74-1	Hexachlorobenzene	ND	HT-PR	ug/L	5.91	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND	HT-PR	ug/L	6.62	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND	HT-PR	ug/L	7.26	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND	HT-PR	ug/L	3.93	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND	HT-PR	ug/L	7.53	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	QL-02, HT-PR	ug/L	6.37	10.0	1	EPA 8270D/1311	07/10/2023 17:14	07/12/2023 12:28	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.6 %*	HT-PR	*10-90.9*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.2 %*	HT-PR	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.7 %*	HT-PR	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.5 %*	HT-PR	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*117 %*	HT-PR	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.4 %*	HT-PR	*25.8-110*

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
5103-71-9	**alpha-Chlordane**	**2.70**		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,PADEP	07/11/2023 04:49	SCB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB
8001-35-2	Toxaphene	ND		ug/kg dry	95.2	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 04:49	SCB

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.9 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:08	BCJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
11096-82-5	**Aroclor 1260**	**0.0202**	PCB-I	mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/10/2023 14:12	BCJ
1336-36-3	*** Total PCBs**	**0.0202**		mg/kg dry	0.0190	1	EPA 8082A Certifications:	07/07/2023 17:30	07/10/2023 14:12	BCJ

Surrogate Recoveries		Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*191 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.4	1	EPA 8151A Certifications:	07/10/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:14	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.4	1	EPA 8151A Certifications:	07/10/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:14	BCJ
94-75-7	2,4-D	ND		ug/kg dry	22.4	1	EPA 8151A Certifications:	07/10/2023 08:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 17:14	BCJ

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*77.0 %*	*21-150*

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311	07/09/2023 12:48	07/10/2023 18:28	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311	07/09/2023 12:48	07/10/2023 18:28	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*28.6 %*	*10-150*

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**13.8**		mg/kg dry	1.19	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**69.7**		mg/kg dry	1.98	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.902**		mg/kg dry	0.238	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**35.9**		mg/kg dry	0.397	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**331**		mg/kg dry	0.397	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.99	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.400	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:06	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND	M-BS	mg/L	0.625	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:56	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.131**		mg/kg dry	0.0343	1	EPA 7473	07/11/2023 15:57	07/11/2023 19:32	AGNR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	07/06/2023 09:35	07/06/2023 12:00	AA
							Certifications: CTDOH-PH-0723,NJDEP,PADEP,NELAC-NY10854			

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.20**		pH units	0.500	1	EPA 9045D	07/12/2023 08:05	07/12/2023 11:22	PMB
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP			

Reactivity-Cyanide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	07/07/2023 14:43	07/07/2023 22:05	SL
							Certifications: CTDOH-PH-0723,PADEP			

Reactivity-Sulfide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**40.0**		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	07/07/2023 14:45	07/07/2023 22:10	SL
							Certifications: CTDOH-PH-0723,PADEP			

Temperature

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: 4160-2 **York Sample ID:** 23G0035-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.0**		°C	1.00	1	EPA 170.1	07/12/2023 08:05	07/12/2023 11:27	PMB
							Certifications:			

Ignitability

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	07/05/2023 08:42	07/05/2023 08:56	TAJ
							Certifications:			

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.4**		%	0.100	1	SM 2540G	07/06/2023 08:16	07/06/2023 15:02	PMB
							Certifications: CTDOH-PH-0723			

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:08	07/06/2023 09:15	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:12	07/06/2023 09:13	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:02	07/06/2023 08:32	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND	CCVE	ug/kg dry	57	110	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/06/2023 00:15	BMT
75-09-2	**Methylene chloride**	**17**		ug/kg dry	5.7	11	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/06/2023 00:15	BMT
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/06/2023 00:15	BMT
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/06/2023 00:15	BMT
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2023 00:15	BMT

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260D Certifications:	07/05/2023 12:30	07/06/2023 00:15	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	07/06/2023 12:30	07/07/2023 01:17	BMT CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	07/06/2023 12:30	07/07/2023 01:17	BMT CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	07/06/2023 12:30	07/07/2023 01:17	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	07/08/2023 20:00	07/11/2023 18:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.2	182	2	EPA 8270D	07/08/2023 20:00	07/11/2023 18:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	07/08/2023 20:00	07/11/2023 18:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	07/08/2023 20:00	07/11/2023 18:24	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.7	91.2	2	EPA 8270D	07/08/2023 20:00	07/11/2023 18:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,PADEP	07/11/2023 18:24	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,PADEP	07/11/2023 18:24	KH
58-90-2	**2,3,4,6-Tetrachlorophenol**	**269**		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	183	365	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	183	365	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**59.8**	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
86-74-8	Carbazole	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
218-01-9	Chrysene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	07/08/2023 20:00	07/11/2023 18:24	KH
206-44-0	**Fluoranthene**	**50.3**	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
78-59-1	Isophorone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
87-86-5	**Pentachlorophenol**	**6080**	CCVE	ug/kg dry	114	228	5	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/12/2023 12:08	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH
129-00-0	**Pyrene**	**45.9**	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	07/08/2023 20:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/11/2023 18:24	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*85.2 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*80.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*93.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.3 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*113 %*	S-08	*19-110*

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.7 %*			*24-116*						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	HT-PR	ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
121-14-2	2,4-Dinitrotoluene	ND	HT-PR	ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
95-48-7	2-Methylphenol	ND	HT-PR	ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
1319-77-3	Cresols, total	ND	HT-PR	ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	07/10/2023 17:14	07/12/2023 12:58	KH
118-74-1	Hexachlorobenzene	ND	HT-PR	ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
87-68-3	Hexachlorobutadiene	ND	HT-PR	ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
67-72-1	Hexachloroethane	ND	HT-PR	ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
98-95-3	Nitrobenzene	ND	HT-PR	ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
87-86-5	Pentachlorophenol	ND	HT-PR	ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH
110-86-1	Pyridine	ND	HT-PR, QL-02	ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 17:14	07/12/2023 12:58	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.4 %*	HT-PR	*10-90.9*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*38.1 %*	HT-PR	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.9 %*	HT-PR	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*	HT-PR	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*	HT-PR	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.8 %*	HT-PR	*25.8-110*

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
309-00-2	Aldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
319-85-7	beta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
319-86-8	delta-BHC	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
60-57-1	Dieldrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,PADEP	SCB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
72-20-8	Endrin	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30	07/09/2023 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	SCB

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Pesticides, 8081 target list

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:11	SCB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:11	SCB
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:11	SCB
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	5	EPA 8081B Certifications:	07/07/2023 17:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 18:11	SCB

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.6 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications:	07/08/2023 08:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/09/2023 19:02	BCJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/09/2023 21:08	BCJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	07/07/2023 17:30	07/09/2023 21:08	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-140*

Herbicides, Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.2	1	EPA 8151A Certifications:	07/09/2023 09:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 13:22	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.2	1	EPA 8151A Certifications:	07/09/2023 09:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 13:22	BCJ
94-75-7	2,4-D	ND		ug/kg dry	22.2	1	EPA 8151A Certifications:	07/09/2023 09:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/10/2023 13:22	BCJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*52.0 %*	*21-150*

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311	07/09/2023 12:48	07/10/2023 18:38	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311	07/09/2023 12:48	07/10/2023 18:38	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*53.6 %*	*10-150*

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**6.01**		mg/kg dry	1.17	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**19.0**		mg/kg dry	1.95	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.235	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**8.07**		mg/kg dry	0.391	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**26.5**		mg/kg dry	0.391	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.96	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.394	1	EPA 6010D	07/11/2023 14:09	07/12/2023 16:08	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND	M-BS	mg/L	0.625	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	07/11/2023 08:34	07/12/2023 16:59	CEG
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0365**		mg/kg dry	0.0338	1	EPA 7473	07/11/2023 15:57	07/11/2023 19:41	AGNR
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	07/06/2023 09:35	07/06/2023 12:00	AA
							Certifications: CTDOH-PH-0723,NJDEP,PADEP,NELAC-NY10854			

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**6.66**		pH units	0.500	1	EPA 9045D	07/12/2023 08:05	07/12/2023 11:22	PMB
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP			

Reactivity-Cyanide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	07/07/2023 14:43	07/07/2023 22:05	SL
							Certifications: CTDOH-PH-0723,PADEP			

Reactivity-Sulfide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**48.0**		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	07/07/2023 14:45	07/07/2023 22:10	SL
							Certifications: CTDOH-PH-0723,PADEP			

Sample Information

Client Sample ID: 4160-3 **York Sample ID:** 23G0035-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0035	Morris Park Yard	Soil	June 28, 2023 3:00 pm	07/03/2023

Temperature

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.2**		°C	1.00	1	EPA 170.1	07/12/2023 08:05	07/12/2023 11:27	PMB
							Certifications:			

Ignitability

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	07/05/2023 08:42	07/05/2023 08:56	TAJ
							Certifications:			

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	07/06/2023 08:16	07/06/2023 15:02	PMB
							Certifications: CTDOH-PH-0723			

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:08	07/06/2023 09:15	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:12	07/06/2023 09:13	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2023 11:02	07/06/2023 08:32	TAJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0035-01	4160-1	40mL 01_Clear Vial Cool to 4° C
23G0035-01	4160-1	40mL 01_Clear Vial Cool to 4° C
23G0035-02	4160-2	40mL 01_Clear Vial Cool to 4° C
23G0035-02	4160-2	40mL 01_Clear Vial Cool to 4° C
23G0035-03	4160-3	40mL 01_Clear Vial Cool to 4° C
23G0035-03	4160-3	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
HT-PR	Sample was prepared outside of the recommended holding time.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 23 GC035

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: AB Environmental	Company: AB Environmental	Company: AB Environmental
Address: 1599 Ocean Avenue Bohemia, NY 11716	Address: 1599 Ocean Avenue Bohemia, NY 11716	Address: 1599 Ocean Avenue Bohemia, NY 11716
Phone.: (631) 567-6545	Phone.: (631) 567-6545	Phone.: (631) 567-6545
Contact: www.abenviro.com	Contact: www.abenviro.com	Contact: www.abenviro.com
E-mail:	E-mail: SMadden@ABENVIRO.COM	E-mail:

YOUR Project Number:

YOUR Project Name: Morris Park Yard

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Shawn Madden

Shawn Madden

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: TABULATED EXCEL

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
6NYCRR PART 375
CP-51- INDUSTRIAL SCO's.

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
"4160-1"	S	6-28-23	Full TCLP/EPA-1110/SW846 9010/9030, EPA-1010/RCRA Metals/VOC's 8260/SVOC's-8270/USEPA 8080/PCBS	802 Glass	2
"4160-2"	S	6-28-23	"	802 Glass	1
				402 Glass	2
"4160-3"	S	6-28-23	"	802 Glass	2

Comments: At 2' Bellow

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	7/3/23	Andrew S York	7/3/23 2:00pm	Andrew S York	7/3/23
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Victor D. York	7/3/23 17:00	Victor D York	7/3/23 18:00		
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/3/23 18:00 3.1 Degrees C

TICKET 1216373

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121ST ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 03/15/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Date: 03/15/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 121ST ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1216341

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121ST ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 03/15/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Date: 03/15/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 121ST ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1216362

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121ST ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 03/15/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Date: 03/15/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 121ST ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste.Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216373 **Date: 03/15/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

5601234
DURANTE BROS CONSTRUCT
3140 123RD ST
FLUSHING, NY 11354-2521
718 762 2500

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 11:26:09
Inv #: 000008 Appr Code: 259176
Apprvd: Online Batch#: 000661
V-Code: Y

Total: $ 10.89

5601234
DURANTE BROS CONSTRUCT
3140 123RD ST
FLUSHING, NY 11354-2521
718 762 2500

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 09:55:17
Inv #: 000006 Appr Code: 295415
Apprvd: Online Batch#: 000661
V-Code: Y

Total: $ 10.89

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216341 **Date: 03/15/2**

Cust Name: **MILLER ENVIRONMENTAL GR**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N Y. 11354

Durante Bros. Construction

Material Out Ticket

1216362 **Date: 03/15/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

[illegible]

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 07:23:07
Inv #: 000003 Appr Code: 211236
Approvd: OnLine Batch#: 000561
V-Code: Y

Total: $ 731.67

[illegible]

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N Y. 11354

Durante Bros. Construction

Material Out Ticket

1216314 **Date: 03/15/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **SAND**
Quantity: **12 yds**

Signature:

Ticket Amount: $731.67 **Amount Paid: $731.67**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216303 **Date: 03/15/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**7801**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature: Henry Silva

Ticket Amount: $609.73 **Amount Paid: $609.73**

501204
DURANTE BROS CONSTRUCT
31-40 123RD ST
FLUSHING, NY 11354-2521
718 762 2500

Term ID: 002 Ref #: 001

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

02/15/24 06:07:31
Inv #: 000001 Appr Code: 293014
Approvd: Online Batch#: 000561
V-Code: V

Total: $ 609.73

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216328 **Date: 03/15/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**7801**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]

[illegible] ID: 002 Ref #: 004

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 08:45:38
Inv #: 000004 Appr Code: 286150
Apprvd: OnLine BatchN: 000561
V-Code: Y

Total: $ 609.73

[illegible]
[illegible]

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1220484 **Date: 04/23/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**31-53 121ST ST**
Truck:	**MILLER**
Truck No.:	**7709**
Plate No.:	**22507PF**
P.O. No.:	
Pile ID:	
Material:	**3/4" BLEND**
Quantity:	**20 yds**
Signature:	

Ticket Amount: $21.78 **Amount Paid: $21.78**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N Y. 11354

Durante Bros. Construction

Material Out Ticket

1220506 **Date: 04/23/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**31-53 121ST ST**
Truck:	**MILLER**
Truck No.:	**7709**
Plate No.:	**22507PF**
P.O No.:	
Pile ID:	
Material:	**3/4" BLEND**
Quantity:	**20 yds**

Signature: B. Slegh

Ticket Amount: $21.78 **Amount Paid: $21.78**

TICKET 1220506

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): ~~BUPINDER~~ RHUPINDER Phone: 631-567-6545 Plate No.: 22507PF

Signature: Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Pl-4-LIPP EPC / MPY 41-60 Phone: 347-494-6903

Signature: Seth Pl-4-LIPP EPC Date: 04-23-24

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document must also be provided to NYS DEC within 15 days of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1220506

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:
☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown
☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste
☑ Other (specify): Recycled Aggregate Product

QUANTITY:
Tons _____ 20 Cubic Yards Check box to indicate quantity is estimated: ☑

PICK UP LOCATION:
Source Name: Durante Brothers Construction
Address: 31-40 123rd Street
City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22
Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354
Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500
Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter
Receiving Facility Name: MILLER ENVIRONMENTAL GROUP
Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law. ☐ final site

Signature: _____ Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002
Transporter Company Name: MILLER ENVIRONMENTAL GROUP
Describe type or quantity of waste: 3/4" BLEND, 20 YARDS
Driver Name (print): ~~BUTPINDER~~ BHUPINDER Phone: 631-567-6545 Plate No.: 22507PF
Signature: _____ Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002
Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST
City: QUEENS State: NY Zip: _____ Put [X] for: ☐ interim processor, or ☑ final site
Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Plitt - LIRR-EDC / MDY 41-60 Phone: 347-494-6403
Signature: Seth Plitt - LIRR EDC Date: 04-23-24

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste.Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document must also be provided to NYS DEC within 15 days of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1220484

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): ~~BUTPINDER~~ BHUPINDER Phone: 631-567-6545 Plate No.: 22507PF

Signature: Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Sampath - LIRR - EPC / MPY. 41-60 Phone: 747-494-6403

Signature: Sampath - LIRR EPC Date: 04-23-24

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1220484

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): ~~BUTPINDER~~ BHUPINDER Phone: 631-567-6545 Plate No.: 22507PF

Signature: Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: SETH PATH - LIRR - EPC / MDY. 41-60 Phone: 347-454-6463

Signature: SETH PATH - LIRR - EPC Date: 04-23-24

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1220483 **Date: 04/23/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**31-53 121ST ST**
Truck:	**MILLER**
Truck No.:	**7713**
Plate No.:	**33990PF**
P.O. No.:	
Pile ID:	
Material:	**3/4" BLEND**
Quantity:	**20 yds**
Signature:	

Ticket Amount: $21.78 **Amount Paid: $21.78**

TICKET 1220483

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: [signature] Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): JOSE Phone: 631-567-6545 Plate No.: 33990PF

Signature: [signature] Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Plitt- LIRR-EPC /MPV 4160 Phone: 347-494-6407

Signature: Seth Plitt -LIRR EPC Date: 04-23-24

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[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1214860 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

[illegible]
DURANTE BROS CONSTRUCT
[illegible]
[illegible]
[illegible]

[illegible] Ref #: 0001

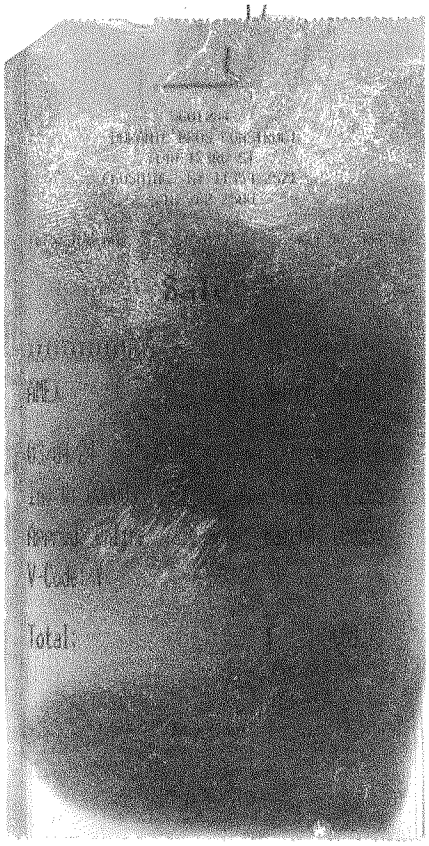
Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/04/24 11:16:15
Inv #: 000009 Appr Code: 297636
Apprvd: Online Batch#: 000550
V-Code: Y

Total: $ 609.73

Customer Copy
THANK YOU!



(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1214755 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

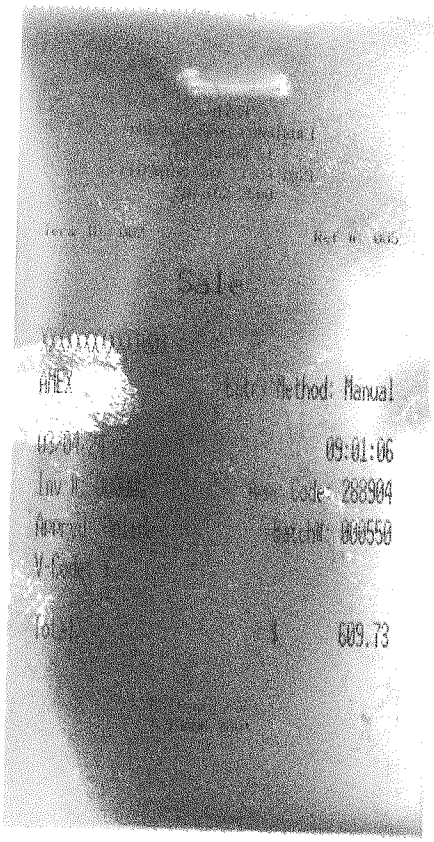
Material Out Ticket

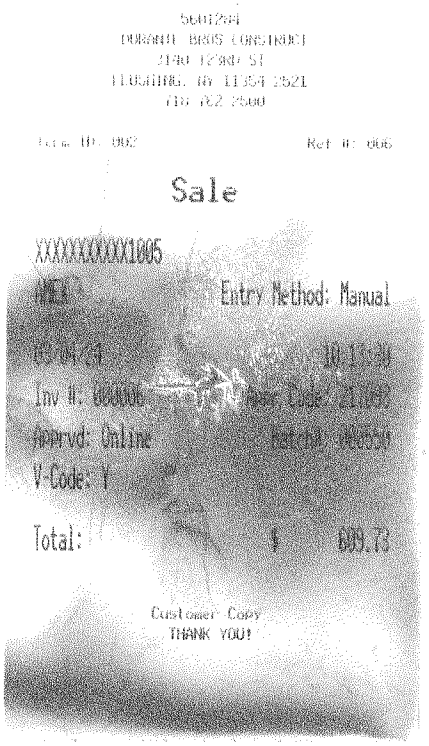
1214791 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**





5601264
DURANTE BROS CONSTRUCT
2130 123RD ST
FLUSHING, NY 11354-2521
(718) 762-2500

Term ID: 002 Ref #: 006

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual
03/04/24 10:17:49
Inv #: 000006 Appr Code: 210492
Approvd: Online Batch#: 000550
V-Code: Y

Total: $ 609.73

Customer Copy
THANK YOU!

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1214824 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

TICKET 1211855

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 12 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 120TH ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: B+C+ Date: 01/30/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 36132PF

Signature: Henry Silva Date: 01/30/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 24 1130

Name: MILLER ENVIRONMENTAL GROUP (MPY) Address: 120TH ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: SamPitt - LIRR CSD / LIRR Morris Park Yard 41-60 Project Phone: 347-494-6403

Signature: SamPitt - LIRRCSD Date: 01-31-2024

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1211855

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 12 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 120TH ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: B+C+ Date: 01/30/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041.

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 36132PF

Signature: Henry Silva Date: 01/30/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 2-4 1136

Name: MILLER ENVIRONMENTAL GROUP (MPY) Address: 120TH ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Dis H - LIRR CSD / LIRR Morris Park Yard 41-60 Project Phone: 347-494-6403

Signature: Seth D. H - LIRR CSD Date: 01-31-2024

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1205789 **Date: 11/20/23**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MORRIS PARK YARD**
Job Location:	**121S ST/RICHMOND HILL**
Truck:	**MILLER**
Truck No.:	**7801**
Plate No.:	**35727PF**
P O No:	
Pile ID:	
Material:	**3/4" RCA**
Quantity:	**10 yds**

Signature: Henry Silva

Ticket Amount: $108.88 **Amount Paid: $108.88**

TICKET 1205789

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121S ST/RICHMOND HILL City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: [signature] Date: 11/20/2023

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: [signature] Date: 11/20/2023

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable):

Name: ~~MILLER ENVIRONMENTAL GROUP~~ @ LIRR Address: 121S ST/RICHMOND HILL

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Plitt - LIRR CSD EPC Phone: (347) 494-6403

Signature: Seth Plitt - LIRR CSD EPC Date: 11-28-2023

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1205789

Part 360 Waste Tracking Document

RECV

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121S ST/RICHMOND HILL City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 11/20/2023

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 14-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Henry Silva Date: 11/20/2023

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable):

Name: ~~MILLER ENVIRONMENTAL GROUP~~ LIRR Address: 121S ST/RICHMOND HILL

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Sam Dilth - LIRR CSD EPC Phone: (347) 495-6403

Signature: Dilth Dilth - LIRR CSD EPC Date: 11-28-2023

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1205789

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons _____ 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121S ST/RICHMOND HILL City: QUEENS State: NY Zip: _____

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: _____ Date: 11/20/2023

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: _____ Date: 11/20/2023

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): _____

Name: ~~MILLER ENVIRONMENTAL GROUP~~ LIRR Address: 121S ST/RICHMOND HILL

City: QUEENS State: NY Zip: _____ Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Dlott - LIRR CSD-EPC Phone: (347) 494-6405

Signature: Dlott - LIRR CSD-EPC Date: 11-28-2023

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

AB Environmental

WORK ORDER : 327533

PO #: -

DATE CREATED: MARCH 1, 2024, 2:31 P.M.
USER: KENNETH WALSH

Generator: LIRR - MORRIS PARK YARD
ID: 11007
Address: 121ST STREET N. OF ATLANTIC AVE. „
City: RICHMOND HILL
State: NY
Zip Code: 11419
Phone: (718) 558-3252
Email: 2355@none.com
Contact: N/A
Notes: WP N011 08/2021 LAB ANALYSIS - SPILL WP N002 07/2011, 08/2017 WP N018 07/2014, 10/2021 WP N855 07/2011
Industry Type: MUNICIPAL

Bill To: LIRR
ID: 10951
Address: DISBURSMENT CENTER P.O. BOX 187
City: JAMAICA
State: NY
Zip Code: 11435
Phone: (718) 558-3442
Email: 6686@none.com
Contact: KARL WAGNER
Notes: N/A
Payment term: BILL

Manifest #	Service Name	Service Date	Team Member	Transporter	Facility	Truck Type
327533WA	CALL IN	March 4, 2024	1	AB OIL SERVICE	AB OIL SERVICE LTD	ROLL OFF,

Job Description

MONDAY 3/4/24
0800 ONSTE AT DURANTE BROTHERS

ROLL OFF TRUCK, OPERATOR & CONTAINER TO PICKUP AND TRANSPORT 60 CUBIC YARDS OR CERTIFIED CLEAN SAND.

OFFLOAD SAND AT MORRIS PARK YARD AND RETURN BACK TO DURANTE BROTHERS FOR ADDITIONAL LOAD.

DURANTE BROTHERS
31-40 123RD ST.
FLUSHING, NY 11354

JOB# NY02240354

1 load
2 load
3 load
4 load

6:17 — MOB
8:24 — Time In

X Dutch D.H. - LIRR CSA — Customer Signature
3-4-24 — Date

Dutch D.H. - LIRR CSA — Print Name
(41-66)

Time Out

Henry Silva 3-4-24 — Driver Signature / Date

HENRY SILVA — Print Name

DE MOB

BILL OF LADING

BILL OF LADING DOC NO: 327533WA

Generator/Shipper	Transporter/Carrier	Facility/Consignee
Generator Name: LIRR - MORRIS PARK YARD **Generator ID:** 11007 **Address:** 121ST STREET N. OF ATLANTIC AVE. RICHMOND HILL 11419	**Transporter Name:** AB OIL SERVICE **Address:** 1599 Ocean Ave. Bohemia **Zip:** 11716 **EPA ID:** NYD987023371	**Facility Name:** AB OIL SERVICE LTD **Address:** 1599 Ocean Ave Bohemia 11716 **Zip:** 11716 **EPA ID:** NYD987023371

SHIPPING NAME AND DESCRIPTION	NUMCONT	CONTTYPE	QUANTITY	UNIT	PROFILE ID
BACK FILL - DELIVERED	0	CM	- 40	Y	BACK FILL

ADDITIONAL DESCRIPTION FOR MATERIAL LISTED ABOVE

-

SPECIAL HANDLING INSTRUCTION AND ADDITIONAL INFORMATION

-

DISCREPANCY INDICATION SPACE

-

9801

Generator's Certification: D MORT / LIRR

I certify that the materials described above are not subjected to federal regulations for reporting proper hazardous waste

D MORT-LIRR PRINTED/TYPED NAME D MORT-LIRR SIGNATURE 2-4-24 DATE

TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME SIGNATURE 2-4-24 DATE

TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME SIGNATURE DATE

FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIAL COVERED BY THIS MANIFEST EXCEPT AS NOTED ABOVE.

PRINTED/TYPED NAME SIGNATURE DATE

5601264
[illegible] 0005 [illegible]
31-40 123RD ST
FLUSHING, NY 11354-2521
(718) 762-2500

DUPLICATE

Term ID: 002 Ref #: 064

Sale

XXXXXXXXXXX1003
AMEX Entry Method: Manual

02/02/24 10:51:52
Inv #: 000004 Appr Code: 203306
Apprvd: Online Batch#: 000525
V-Code: Y

Total: $ 10.89

I agree to pay above total amount
according to card issuer agreement
(Merchant agreement if credit voucher)

X_____

Merchant Copy
THANK YOU!

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1212232 **Date: 02/02/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **120TH ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **ROLLOFF**
Plate No.: **36132PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

TICKET 1212232

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 120TH ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 02/02/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.:

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 36132PF

Signature: Date: 02/02/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable):

Name: MILLER ENVIRONMENTAL GROUP Address: 120TH ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

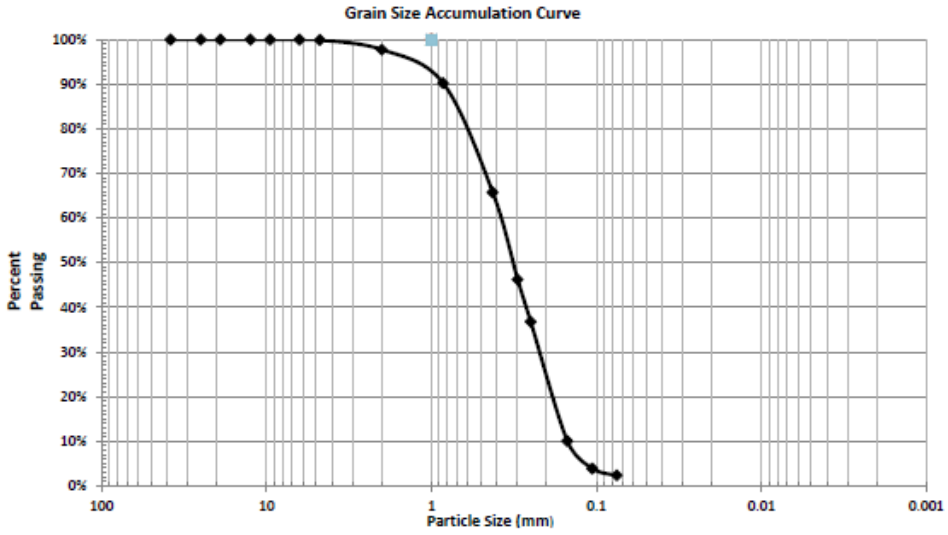
TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Durante Brothers	**DATE ANALYZED:**	11/2/2023
PROJECT NAME:	Durante Stockpile	**TPI PROJECT NO.:**	2000059
PROJECT ADDRESS:	31-40 123rd St, Flushing	**CCTL NO. :**	9313
MATERIAL DESCRIPTION:	Dry Screened Sand	**DATE RECEIVED:**	10/22/2023
		TECHNICIAN:	P. Jover

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.



% Coarse Gravel	0.0%	% Coarse Sand	2.2%	% Fines	2.4%
% Fine Gravel	0.1%	% Medium Sand	31.9%		
		% Fine Sand	63.4%		

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Durante Brothers	**DATE ANALYZED:**	11/2/2023
PROJECT NAME:	Durante Stockpile	**TPI PROJECT NO.:**	2000059
PROJECT ADDRESS:	31-40 123rd St, Flushing	**CCTL NO. :**	9313
MATERIAL DESCRIPTION:	Dry Screened Sand	**DATE RECEIVED:**	10/22/2023
		TECHNICIAN:	P. Jover

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Specification
1 IN	100.0%	Not Specified
3/4 IN	100.0%	
1/2 IN	100.0%	
3/8 IN	100.0%	
1/4 IN	100.0%	
No. 4	99.9%	
NO. 10	97.7%	
NO. 20	90.2%	
NO. 40	65.8%	
NO. 50	46.3%	
NO. 60	36.8%	
NO. 100	10.1%	
NO. 140	3.9%	
NO. 200	2.4%	

Remarks: Material was sampled and delivered by the client.
Moisture content of sample upon receipt is 0.1%, as determined by test method ASTM D2216
Soil visual classification: SP Poorly graded sand

All general information listed in this report, location and project where the test specimens were prepared is as provided to us by the Client. All reports are confidential property of the Client, and information contained herein may not be published or reproduced without our written approval.

Results obtained is limited only to the items inspected or tested. This report cannot be reproduced, except in full, without the prior written approval of Twin Peaks.

New York City Qualification No. 3

STATE OF NEW YORK
MIKHAIL ZEYGMAN
My P.E. seal must appear in blue ink only
Otherwise report is void
LICENSED PROFESSIONAL ENGINEER
102435

Mikhail Zeygman, P.E.

11/2/2023
Date

Clean Earth of Carteret
24 Middlesex Ave
Carteret, NJ 07008
Ph: Fax:

Ticket: 3328090

	Date	Time	Scale
In:	01/08/2024	10:01:37	CEC
Out:	01/08/2024	10:01:37	CEC

Manifest: 2108534
Vehicle: 07JID14
Decal:

	Lbs.	Tns
Gross:	81,020	40.51
Tare:	28,440	14.22
Net:	52,580	26.29

Customer: Gianfia Corp
Generator: Long Island Railroad MTA
Address: 900 Merchants Concourse
WESTBURY, NY 11590

Carrier: JID transport
Profile #: 233072135
Job: Morris Park
Address: 91-45 121st Street
jamaica, NY 11418

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret

Jesus Serrano

CLEANEARTH

Manifest # 2108534

GLOBAL JOB NUMBER: 1016664 **FACILITY APPROVAL NUMBER:** 233072135

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Clean Earth of Greater Washington, 6250 Dower House Road, Upper Marlboro, MD 20772, Ph: 301-599-0939
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- [ ] Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐ Tons ☒ Yards	13 CY YDS
LIRR MORRIS PARK 121 ST RICHMOND HILL QUEENS NY	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: 631 921 6898	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

FILL

GENERATOR'S CERTIFICATION/AUTHORIZED AGENT - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: PATRICK OREILLY Title: RESIDENT ENGINEER

Signature: Patrick OReilly Date and Time: 1/8/24

TRANSPORTER

Company: JID Phone Number:

Address: 418 13TH ST CARLSTADT NJ Truck # and License Plate: #14 AW-252 J

Driver: OSELBIS ACOSTA. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 01-08-24

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Patrick OReilly Date and Time: 1/8/24

FACILITY

ITEM# CE WM500 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Carteret
24 Middlesex Ave
Carteret, NJ 07008
Ph: Fax:

Ticket: 3330842

	Date	Time	Scale
In:	01/08/2024	13:42:00	CEC
Out:	01/08/2024	13:42:00	CEC

Manifest: 3008600
Vehicle: 07JID15
Decal:

	Lbs.	Tns
Gross:	46,600	23.30
Tare:	28,980	14.49
Net:	17,620	8.81

Customer: Gianfia Corp
Generator: Long Island Railroad MTA
Address: 900 Merchants Concourse
WESTBURY, NY 11590

Carrier: JID transport
Profile #: 233072135
Job: Morris Park
Address: 91-45 121st Street
jamaica, NY 11418

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret

Jesus Serrano

CleanEarth

Manifest # 3008600

GLOBAL JOB NUMBER: 1016664 **FACILITY APPROVAL NUMBER:** 233672135

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 J Caldwell Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐ Tons ☒ Yards	20 40 s?
LIRR MORRIS PARK 127 ST RICHMOND HILL QUEENS NY	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE: 631 921 6090	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

FILL & ASPHALT

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: PATRICK O'REILLY Title: RES ENGR

Signature: Patrick O'Reilly Date and Time: 1/8/24 12:20 PM

TRANSPORTER

Company: JJD TRANSPORT Phone Number:

Address: 418 13th ST CLIFTON NJ Truck # and License Plate: 15 AW 249 J

Driver: MARCO A GARCIA SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 01-08-2024

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 01-08-2024

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1-8-24

FACILITY

ITEM# CE WM500 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Carteret
24 Middlesex Ave
Carteret, NJ 07008
Ph: Fax:

Ticket: 3330849

	Date	Time	Scale
In:	01/08/2024	13:44:12	CEC
Out:	01/08/2024	13:44:12	CEC

Manifest: 2108539
Vehicle: 07JID14
Decal:

	Lbs.	Tns
Gross:	75,420	37.71
Tare:	28,440	14.22
Net:	46,980	23.49

Customer: Gianfia Corp
Generator: Long Island Railroad MTA
Address: 900 Merchants Concourse
WESTBURY, NY 11590

Carrier: JID transport
Profile #: 233072135
Job: Morris Park
Address: 91-45 121st Street
jamaica, NY 11418

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret

Jesus Serrano

CLEANEARTH

Manifest # 2108539

GLOBAL JOB NUMBER: 101664 **FACILITY APPROVAL NUMBER:** 233072135

Please Check One:

- [x] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Clean Earth of Greater Washington, 6250 Dower House Road, Upper Marlboro, MD 20772, Ph: 301-599-0939
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- [ ] Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT:	
LIRR MORRIS PARK	☐ Tons ☑ Yards	20 yds³
124 ST RICHMOND HILL	TARE WEIGHT:	
QUEENS NY	☐ Tons ☐ Yards	
GENERATOR'S PHONE: 631 921 6898	NET WEIGHT:	
	☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

ASPHALT & FILL

GENERATOR'S CERTIFICATION/AUTHORIZED AGENT - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: PATRICK O'REILLY Title: RESIDENT ENGR

Signature: Patrick O'Reilly Date and Time: 1/8/24 11:56AM

TRANSPORTER

Company: JID Phone Number:

Address: 418 13TH ST CARLSTADT NJ Truck # and License Plate: #14 AW-252J

Driver: ORELBIS ACOSTA. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 01-08-24

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 1/8/24

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 1-8-24

FACILITY

ITEM# CE WM500 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Posillico

Posillico Materials Approval Form
Approval No.: 23444C

Application Item 1 - Generator/Project Information
Long Island Rail Road – ST
91-53 121st Street, Richmond Hill, New York, 11419
NYSDEC Resource Conservation and Recovery Program Site No. C241130

Application Item 2 - Client Information/Import Volume Approval for:
Miller Environmental Group
1599 Ocean Avenue, Bohemia, New York, 11716

Reviewed Data/Information
This approval is based upon the information provided on the applications, the data provided in the following documents submitted with the application, and the additional data provided by the client.

Laboratory Report:
- York Analytical Laboratories Report 23G0036

Sample IDs:
- ST-1, ST-2, ST-3

Data and Information Summary:
Miller Environmental Group is proposing to export 30 tons of soil from 91-53 121st Street, Richmond Hill, New York (herein referred to as the "Site") to Posillico Materials NYSDEC 360 Permitted Wash Plant Facility in Farmingdale, Permit No. 1-4720-00695 (herein referred to as the "Wash Plant"). The Wash Plant can accept soils meeting: NYSDEC Part 360 F2 Requirements, identified as "Clean"; soils failing NYSDEC Part 360 F2 Requirements, identified as "Contaminated"; and Recognizable Uncontaminated Concrete, Asphalt, Rock, Brick and Soil (RUCARBS). The soil proposed for the Wash Plant will be originating from general construction/improvements activities that will generate excess soils in need of disposal.

Numerous remedial investigations have completed at the Site between 1990 and 2013. Associated subsurface soil samples from the previous investigations indicated soils to be impacted with Metals and Semi-Volatile Organic Compounds above NYSDEC 360.13 F2 Requirements.

On June 28th, 2023, Miller Environmental Group oversaw the collection of soil waste characterization samples to determine the quality and condition of the proposed soils. The proposed soils are currently being stockpiled onsite within a roll-off container. A total of three waste characterization samples, each comprised of one grab and one 5-point composite sample, designated as "ST-1, ST-2, and ST-3", were collected from the stockpiled soils. All samples were sent to York Analytical Laboratories for analysis of Volatile Organic Compounds (VOCs), TCLP VOCs, Semi-volatile Organic Compounds (SVOCs), TCLP SVOCs, PCBs, Pesticides, TCLP Pesticides, Herbicides, TCLP Herbicides, Metals, TCLP Metals, Cyanide, Hexavalent and Trivalent Chromium.

Analytical Results:
Based on the analytical results reported in the York Analytical Laboratories report 23G0036, waste characterization soil samples "ST-1, ST-2, and ST-3" were detected with exceedances of Semi-Volatile Organic Compounds above NYSDEC Part 360.13(f) F2 Requirements. All three waste characterization soil samples designated as "ST-1, ST-2, and ST-3" are eligible for the Contaminated Soils Bin at the Posillico Wash Plant Facility.

Contaminated Soil Bin:
Based on the data and information reviewed, up to 30 tons of soil, represented by waste characterization soil samples "ST-1, ST-2, and ST-3" is approved for the Contaminated Soil Bin at the Wash Plant Facility in

Farmingdale, New York. The material is approved only for the areas and depths listed above. No other material is to come to the Wash Plant.

Additional Requirements:

- Posillico Materials reserves the right to perform QA/QC sampling during the import of this material.
- All soil must use the NYSDEC Part 360 tracking form.
- All F1, F2, and F3 Fill must be shipped in a truck with a valid Part 364 Registration. Contaminated Soil must be shipped in a truck with a valid Part 364 Permit.
- If any deleterious material (asbestos, wood, plastic, organics and general garbage) is encountered or identified, the load will be rejected at the gate or a surcharge will be applied.
- If standing liquid is encountered or identified in the truck, the load will be rejected at the gate or a surcharge will be applied.
- If the material is from a USEPA and/or NYSDEC Regulated Program Site, as per Part 361-5.4 (d), an approval letter must be included with the application indicating the material is acceptable for the facility.

The applicant warrants that the material proposed for shipment is in fact, the same material which was tested and is represented by the sample results provided with this application. All deliveries **must** be scheduled in advance all material will be weighed on scales.

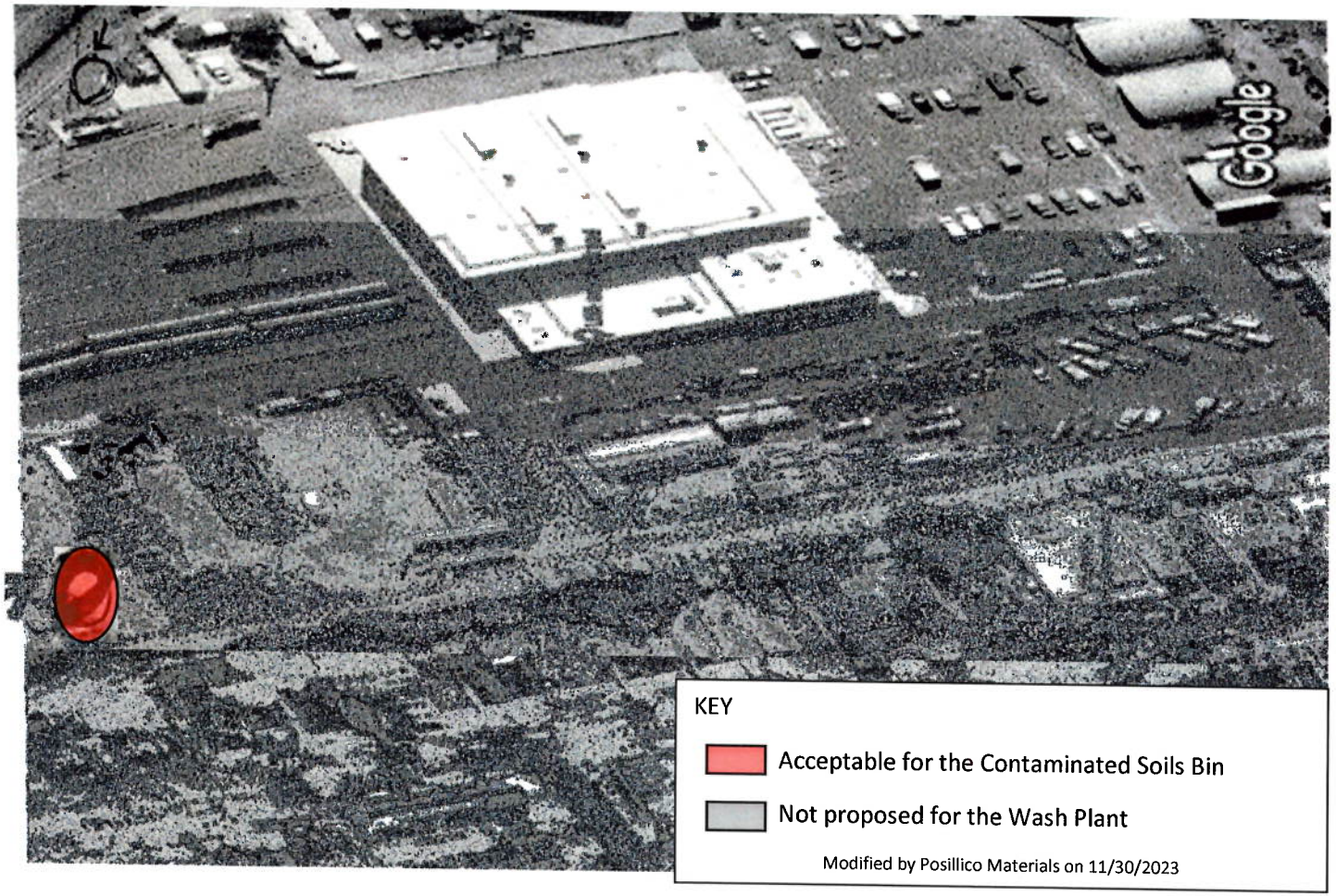
Please contact me if you have any questions.

Justin Livore

Justin Livore
Environmental Engineer

Date: 11/30/2023

Posillico Materials Soil Acceptance Map Figure



Posillico Job #: 23444C Posillico Customer #: 13022 Tracking Doc #: Scale Ticket #:

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Part 360 Series Waste Tracking Document - Construction & Demolition Debris

This form satisfies the tracking document requirements of both 361-5.6 and section 364-5.1 for the transport of C&D Debris

TYPE OF C&D DEBRIS:	Non Hazardous Contaminated Soil - 5010
WASTE QUANTITY:	Quantities are estimated: 10-wheeler tri-axles: 25 tons; 18-wheeler trailer: 40 tons
LOCATION WHERE WASTE WAS PICKED UP:	Source Name: LIRR - Morris Park Yard - ST Address: 91-53 121st Street City: Richmond Hill State: NY Zip Code: 11418

GENERATOR: Name: Long Island Rail Road

Address: 91-53 121st Street City: Richmond Hill State: NY Zip: 11418

Authorized Representative of Generator: _____ Phone: _____

Transporter Name: _____

Receiving Facility Name: Posillico Materials, LLC ☐ Chosen by Transporter

Address: 1610 New Highway City: Farmingdale State: NY Zip: 11735

I have completed this tracking document describing the waste and identifying the transporter and receiving facility. I certify, under penalty of law, that the information provided in this waste tracking document has been prepared under my direction and supervision and further certify that the information contained herein is true and accurate. I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: _____ Date: _____

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Truck #: _____

Driver Name (print): _____ Phone: _____ Plate No.: _____

Signature: _____ Date: _____

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1-4720-00695/00009

Name: Posillico Materials, LLC Address: 1610 New Highway

City: Farmingdale State: NY Zip: 11735 Put [X] for: ☑ interim processor, or ☐ final site

Describe all Discrepancies in type or quantity of waste: _____

I certify, under penalty of law, that the information contained herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: _____ Phone: 631-249-1872

Signature: _____ Date: _____

The completed tracking document for all waste types must be returned to the Generator within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

Rev: May2018, Ver 1

Return completed forms to NYS DEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Technical Report

prepared for:

AB Environmental
1599 Ocean Avenue
Bohemia NY, 11716
Attention: Ken Walsh

Report Date: 04/12/2023
Client Project ID: Morris Park 2
York Project (SDG) No.: 23D0040

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/12/2023
Client Project ID: Morris Park 2
York Project (SDG) No.: 23D0040

AB Environmental
1599 Ocean Avenue
Bohemia NY, 11716
Attention: Ken Walsh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 03, 2023 and listed below. The project was identified as your project: **Morris Park 2**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23D0040-01	MP-2	Soil	04/03/2023	04/03/2023

General Notes for York Project (SDG) No.: 23D0040

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: Cassie L. Mosher **Date:** 04/12/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 NELAC-NY10854,NELAC-NY12058,NJDEP	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00	04/05/2023 16:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT

Sample Information

Client Sample ID: **MP-2** **York Sample ID:** **23D0040-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
75-09-2	**Methylene chloride**	**13**		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	04/05/2023 16:58	BMT
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/05/2023 16:58	BMT
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	04/05/2023 16:58	BMT
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/05/2023 16:58	BMT
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	04/05/2023 16:58	BMT
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	04/05/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	04/05/2023 16:58	BMT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.6 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	04/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	04/06/2023 00:14	BMT
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	04/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	04/06/2023 00:14	BMT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications:	04/05/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	04/06/2023 00:14	BMT

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Volatile Organics, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311	04/05/2023 12:30	04/06/2023 00:14	BMT
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.4 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*85-120*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.1	85.9	2	EPA 8270D	04/05/2023 08:27	04/08/2023 09:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.9	172	2	EPA 8270D	04/05/2023 08:27	04/08/2023 09:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D	04/05/2023 08:27	04/08/2023 09:16	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D	04/05/2023 08:27	04/08/2023 09:16	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.1	85.9	2	EPA 8270D	04/05/2023 08:27	04/08/2023 09:16	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D	04/05/2023 08:27	04/08/2023 09:16	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,PADEP	04/08/2023 09:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH

Sample Information

Client Sample ID: **MP-2** **York Sample ID:** **23D0040-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
208-96-8	**Acenaphthylene**	**117**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
62-53-3	Aniline	ND		ug/kg dry	172	344	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
120-12-7	**Anthracene**	**63.2**	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
92-87-5	Benzidine	ND	CCVE	ug/kg dry	172	344	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,PADEP	04/08/2023 09:16	KH
56-55-3	**Benzo(a)anthracene**	**210**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
50-32-8	**Benzo(a)pyrene**	**372**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
205-99-2	**Benzo(b)fluoranthene**	**368**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
191-24-2	**Benzo(g,h,i)perylene**	**537**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
207-08-9	**Benzo(k)fluoranthene**	**389**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
65-85-0	Benzoic acid	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
105-60-2	Caprolactam	ND	CAL-E	ug/kg dry	85.9	172	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
86-74-8	Carbazole	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
218-01-9	**Chrysene**	**254**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
53-70-3	**Dibenzo(a,h)anthracene**	**80.4**	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
206-44-0	**Fluoranthene**	**252**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
86-73-7	Fluorene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/08/2023 09:16	KH

Sample Information

Client Sample ID: **MP-2** **York Sample ID:** **23D0040-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**418**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**63.2**	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**60.4**	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**324**		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications:	04/05/2023 08:27	04/08/2023 09:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.2 %*	*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	04/06/2023 08:18	04/07/2023 10:08	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 08:18	04/07/2023 10:08	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.7 %*	*10-90.9*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.5 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.8 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.7 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.9 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*	*25.8-110*

Pesticides, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Pesticides, TCLP RCRA List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311	04/07/2023 08:55	04/11/2023 13:48	BJ
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.9 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	04/04/2023 15:15	04/05/2023 22:11	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	04/04/2023 15:15	04/05/2023 22:11	BCJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-140*

Herbicides, TCLP Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	04/06/2023 08:24	04/06/2023 16:14	BJ-
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	04/06/2023 08:24	04/06/2023 16:14	BJ-

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*51.0 %*	*10-150*

Alcohols, C1-C3 Targets

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-56-1	* Methanol	ND		mg/kg dry	26.1	1	EPA 8015D m Certifications:	04/07/2023 12:04	04/08/2023 14:24	CLO

Glycols, Target List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-21-1	* Ethylene Glycol	ND		mg/kg dry	20.4	1	GC/FID Certifications:	04/10/2023 11:49	04/10/2023 15:03	CLO

Beryllium by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.401**		mg/kg dry	0.0365	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/06/2023 14:14	04/07/2023 17:00	CW

Beryllium, TCLP by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/L	0.0125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Copper by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**48.2**		mg/kg dry	1.45	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Copper, TCLP by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.949**		mg/L	0.500	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**5.42**		mg/kg dry	1.09	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**68.0**		mg/kg dry	1.81	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.334**		mg/kg dry	0.218	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.9**		mg/kg dry	0.363	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**83.8**		mg/kg dry	0.363	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.81	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.365	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Metals, TCLP RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Nickel by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**17.2**		mg/kg dry	0.722	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Nickel, TCLP by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.250	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Zinc by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**67.2**		mg/kg dry	1.81	1	EPA 6010D	04/06/2023 14:14	04/07/2023 17:00	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Zinc, TCLP by EPA 6010

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**2.46**		mg/L	0.625	1	EPA 6010D/1311	04/10/2023 15:43	04/11/2023 20:27	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MP-2** **York Sample ID:** **23D0040-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.232**		mg/kg dry	0.0313	1	EPA 7473	04/10/2023 10:03	04/10/2023 14:09	BML
							Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	04/11/2023 16:52	04/11/2023 16:52	AD
							Certifications: CTDOH-PH-0723,NJDEP,PADEP,NELAC-NY10854			

Chromium, Hexavalent

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	04/10/2023 14:59	04/10/2023 21:25	SMK
							Certifications: NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP			

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.76**		pH units	0.500	1	EPA 9045D	04/05/2023 14:47	04/05/2023 18:31	NJO
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP			

pH

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.76**		pH units	0.500	1	EPA 9045D	04/05/2023 14:47	04/05/2023 18:31	NJO
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP,NJDEP			

Reactivity-Cyanide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	04/05/2023 14:43	04/05/2023 22:47	SL
							Certifications: CTDOH-PH-0723,PADEP			

Reactivity-Sulfide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

Reactivity-Sulfide

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**80.0**		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	04/05/2023 14:45	04/05/2023 22:48	SL
							Certifications: CTDOH-PH-0723,PADEP			

Temperature

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.6**		°C	1.00	1	EPA 170.1	04/05/2023 14:47	04/05/2023 18:31	NJO
							Certifications:			

Ignitability

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	04/04/2023 09:38	04/04/2023 12:19	TAJ
							Certifications:			

ORP (Oxidation-Reduction Potential)(Ag/AgCl)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** ORP (Oxidation-Reduction Potential) (Ag/AgCl)**	**490**		mV	-200	1	ASTM 1498-08 M	04/06/2023 14:11	04/06/2023 16:26	S_S
							Certifications:			

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**		%	0.100	1	SM 2540G	04/07/2023 07:41	04/07/2023 14:52	sgs
							Certifications: CTDOH-PH-0723			

TCLP Extraction for METALS EPA 1311

Log-in Notes: VOA-CONT **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/04/2023 14:01	04/05/2023 09:42	LC
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MP-2 **York Sample ID:** 23D0040-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23D0040	Morris Park 2	Soil	April 3, 2023 11:00 am	04/03/2023

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes: VOA-CONT **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/04/2023 13:50	04/05/2023 09:19	AD2
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes: VOA-CONT **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/04/2023 13:41	04/05/2023 09:53	TAJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23D0040-01	MP-2	8 oz. WM Clear Glass Cool to 4° C
23D0040-01	MP-2	1000mL WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 23D0040

YOUR Information	**Report To:**	**Invoice To:**
Company: AB Environmental	Company: AB Environmental	Company: AB Environmental
Address: 1599 Ocean Avenue Bohemia, NY 11716	Address: 1599 Ocean Avenue Bohemia, NY 11716	Address: 1599 Ocean Avenue Bohemia, NY 11716
Phone No: (631) 567-6545	Phone No: (631) 567-6545	Phone No: (631) 567-6545
Contact Person: www.abenviro.com	Attention: www.abenviro.com	Attention: www.abenviro.com
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: Morris Park 2

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MP-2	4/3/23 1100	S	Clean Fill at North Jersey	4 - 8oz Jars

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc Ascorbic Acid Other

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 4/3/23 1245	Samples Received By	Date/Time 4/3/23 1245 pm
Samples Relinquished By	Date/Time 4/3/23 1635	Samples Received in LAB by	Date/Time 4/3/23 1635

Temperature on Receipt 4.3 °C

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD980641625

2. Page 1 of: 1

3. Emergency Response Phone: 347-494-6927

4. Waste Tracking Number: 0103097

GENERATOR

5. Generator's Name and Mailing Address
MTA - LONG ISLAND RAIL ROAD
93-59 183RD STREET
3RD FLOOR, MC 3147
HOLLIS, NY 11423
Generator's Phone: 347-494-6927

Generator's Site Address (if different than mailing address)
LIRR - MORRIS PARK YARD
91-53 121ST STREET
RICHMOND HILL, NY 11418

6. Transporter 1 Company Name: ISLAND PUMP AND TANK LLC
Ph#: 631-462-2226
U.S. EPA ID Number: NYR000191726

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORP.
129 DALE STREET
WEST BABYLON, NY 11704
Facility's Phone: 631-393-2882
U.S. EPA ID Number: NYR000107326

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NONRCRA / NONDOT REGULATED MATERIAL (SOIL BAGS)	1	DT	4,560	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1.) Approval 2025-1354

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: J. Grosberger
Signature:
Month: 12 Day: 11 Year: 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Alstar Alt
Signature:
Month: 12 Day: 11 Year: 25

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: H141 Armando Sanchez
Signature:
Month: 12 Day: 11 Year: 25

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

BILL TO ISLAND PUMP + TANK

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD990841625	1	347-494-6927	0103099

GENERATOR

5. Generator's Name and Mailing Address
MTA - LONG ISLAND RAIL ROAD
93-59 183RD STREET
3RD FLOOR, MC 3147
HOLLIS, NY 11423
347-494-6927
Generator's Phone:

Generator's Site Address (if different than mailing address)
LIRR - MORRIS PARK YARD
91-53 121ST STREET
RICHMOND HILL, NY 11418

6. Transporter 1 Company Name
EASTERN ENVIRONMENTAL SOLUTIONS INC.
Phone: 631-727-2700
U.S. EPA ID Number: NYR000135624

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORP.
129 DALE STREET
WEST BABYLON, NY 11704
631-393-2882
Facility's Phone:
U.S. EPA ID Number: NYR000107326

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
a.	NONRCRA / NONDOT REGULATED MATERIAL (SOIL BAGS)	1	CM	~~10,000~~ 16,820	P	
b.						
c.						
d.						

13. Special Handling Instructions and Additional Information
1.) Approval 2025-1354

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Matthew Schriefer As Agt fr
Signature:
Month: 12 Day: 11 Year: 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thaddeus RANKIN
Signature: JRan
Month: 12 Day: 15 Year: 25

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: H141 Fernando Sanchez
Signature:
Month: 12 Day: 15 Year: 25

[illegible] SCALES, [illegible]

TIME: 12/11/2025 12:11:45 PM
TRUCK: 3097

DRIVER ID: ASHT
MANIFEST: 0103097
LICENSE PLATE: 8R

TOTAL AXLE WEIGHT: 28760
AXLE 1: 8900
AXLE 2: 9900
AXLE 3: 9960

THANK YOU!

[illegible] SCALES, LLC.

TIME: 12/11/2025 12:02:20 PM
TRUCK: 3097

GROSS: 28760
TARE: 24200
NET: 0

DRIVER ID: ASHT
MANIFEST: 0103097
LICENSE PLATE: 8R

TOTAL AXLE WEIGHT: 28760.00000
AXLE 1: 14620
AXLE 2: 9560

THANK YOU!

28,760
24,200

4560 lbs

2.28 tons

ISLAND Pump & Tank

LI Office
40 Doyle Court
East Northport, NY 11731-6405
(631) 462-2226
FAX (631) 462-6434
www.islandpumpandtank.com

NY City Office
1381 Utica Avenue
Brooklyn, NY 11203
(718) 526-6525

CERTIFICATE OF DISPOSAL

This Certificate of Disposal is to verify that the waste specified on Manifest #0103099 and Manifest #0103097 have been properly disposed of in accordance with all local, state, and federal regulations at Dale Transfer Corp. of West Babylon, NY.

"Disposed of" means processed as specified in 40 CFR et seq.

Disposal Facility Name:	Dale Transfer Corp.
EPA ID or Permit Number:	NYS 1-4720-03277/00001
Facility Address:	129 Dale Street West Babylon, NY 11704
Phone Number:	631-393-2882

Authorized Signature: _____

Matthew Schieferstein, CHMM – Director, Environmental Business

NON-HAZARDOUS WASTE PROFILE

Dale Transfer Corporation
129 Dale Street, West Babylon, NY 11704
Ph: 631-393-2882 Fx: 631-393-2884

Approved by: Z. Lopez Date: 12/5/2025

Profile Number: 2025-1354

GENERATOR:	BILL TO/CLIENT:
Name: MTA - LIRR Morris Park Yard	Name: Island Pump and Tank LLC
Site Address: 91-53 121st Street	Address: 40 Doyle Court
City/State/Zip: Richmind Hill, NY 11418	City/State/Zip: East Northport, NY 11731
Technical Contact: Matthew Schieferstein, CHMM	Email: matts@islandpumpandtank.com
Technical Ph: 631-462-2226	Contact: Matthew Schieferstein, CHMM Ph: 631-462-2226

TRANSPORTER:	
Name: Island Pump and Tank LLC	Contact: Matthew Schieferstein, CHMM
Address: 40 Doyle Court, East Northport, NY 11731	Phone: 631-462-2226
Email: matthewa@islandpumpandtank.com	Fax: 631-493-9486

WASTE DESCRIPTION:

Soil Bags

MANUFACTURING/PROCESS DESCRIPTION:

Stockpiled Soil Disposal

TYPE OF CONTAMINATION:

Gasoline ☐ Diesel ☐ Fuel Oil (2,4,6) ☐ Hydraulic Oil ☐ Other: Historic
Kerosene ☐ Jet Fuel ☐ Motor Oil ☐ Used Oil ☐

CONTAMINATION SOURCE:

UST ☐ Historic ☑ Other:
AST ☐ Spill ☐

SITE USAGE HISTORY:

Industrial ☐ Residential ☐
Commercial ☑ Other:

PHYSICAL PROPERTIES:

COLOR: Varies
ODOR: ☑ None ☐ Mild ☐ Strong
Describe:

PHYSICAL STATE:

Liquid ☐ Multi-layerd ☐
Semi-Solid ☐ Bi-layered ☐
Solid ☑ Singe Phase ☑
Powder ☐ Gas/Aerosol ☐

REACTIVITY:

Total Cyanides ☑ None
Amenable Cyanides ☑ None
Reactive Sulfidies ☑ None
Shock Sensative ☐ Yes ☑ No
Generates Toxic fumes when mixed w/water, acid, or base ☐ Yes ☑ No

FLASH POINT:

< 100 ☐
≥ 100 ≤ 140 ☐
> 140 ≤ 200 ☐
> 200 ☑

CORROSITIVITY:

≤ 2.0 ☐
2.01 - 5.0 ☐
5.01 - 9.0 ☑
9.01 - 12.49 ☐
≥ 12.50 ☐

SHIPPING INFORMATION:

Vactor ☑ Vac Truck ☐ Drums ☐
Other:
Anticipated Volume (Gallons/Tons) 10 Tons
One Time ☑ Week ☐ Month ☐
Quarter ☐ Year ☐ Other:

CHEMICAL COMPOSITION/CHARACTERISTICS:

Soil	% 100
	%
	%

REGULATORY INFORMATION:

Proper Shipping Name: Non-Dot & Non-RCRA Regulated Materials

Analytical Attached: Y ☑ N ☐ Lab: Pace

Disposition: Landfill ☑ Recycling ☐ Other:

Generator's Certification: I certify the material described above on this profile are Non-Hazardous therefore not subject to federal regulations for reporting disposal of hazardous waste.

X Jennifer Grosberger
Digitally signed by Jennifer Grosberger
Date: 2025.12.03 15:12:08 -05'00'
Authorized Signature

X Jennifer Grosberger
Print Name

X MTA - Long Island Rail Road
Title

X 11-25-2025
Date

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5082610

September 10, 2025

Miller Environmental Group
538 Edwards Ave
Calverton, NY 11933

Re: LIRR - Richmond Hill 91-53 121st St Richmond Hill

Dear Miller Environmental Group,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on August 26, 2025. Long Island Analytical laboratories analyzed the samples on September 09, 2025 for the following:

SAMPLE ID	ANALYSIS
MPSC	EPA 8081 B, EPA 8082 A, EPA 8260 D, EPA 8270 E, RCRA 8, RCRA Characteristics (RIC), TCLP (8) Metals, TCLP Pesticides, TCLP Semi-Volatile, TCLP Volatiles

Samples received at 0.8 ° C

1.C Holding time exceeded, analyze immediate parameter.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael D. Veraldi
Laboratory Technical Director

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	5.51	<5.51	ug/kg dry	
1,1,1-Trichloroethane	71-55-6	5.51	<5.51	ug/kg dry	
1,1,2,2-Tetrachloroethane	79-34-5	5.51	<5.51	ug/kg dry	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5.51	<5.51	ug/kg dry	4.R
1,1,2-Trichloroethane	79-00-5	5.51	<5.51	ug/kg dry	
1,1-Dichloroethane	75-34-3	5.51	<5.51	ug/kg dry	
1,1-Dichloroethene	75-35-4	5.51	<5.51	ug/kg dry	4.R
1,1-Dichloropropene	563-58-6	5.51	<5.51	ug/kg dry	4.R
1,2,3-Trichlorobenzene	87-61-6	5.51	<5.51	ug/kg dry	
1,2,3-Trichloropropane	96-18-4	5.51	<5.51	ug/kg dry	
ǂ 1,2,4,5-Tetramethylbenzene	95-93-2	5.51	<5.51	ug/kg dry	
1,2,4-Trichlorobenzene	120-82-1	5.51	<5.51	ug/kg dry	
1,2,4-Trimethylbenzene	95-63-6	5.51	<5.51	ug/kg dry	
1,2-Dibromo-3-chloropropane	96-12-8	5.51	<5.51	ug/kg dry	
1,2-Dibromoethane	106-93-4	5.51	<5.51	ug/kg dry	
1,2-Dichlorobenzene	95-50-1	5.51	<5.51	ug/kg dry	
1,2-Dichloroethane	107-06-2	5.51	<5.51	ug/kg dry	
1,2-Dichloropropane	78-87-5	5.51	<5.51	ug/kg dry	
1,3,5-Trimethylbenzene	108-67-8	5.51	<5.51	ug/kg dry	
1,3-Dichlorobenzene	541-73-1	5.51	<5.51	ug/kg dry	
1,3-Dichloropropane	142-28-9	5.51	<5.51	ug/kg dry	
1,4-Dichlorobenzene	106-46-7	5.51	<5.51	ug/kg dry	
ǂ 1,4-Diethylbenzene	105-05-5	5.51	<5.51	ug/kg dry	4.K
1,4-Dioxane	123-91-1	27.6	<27.6	ug/kg dry	
2,2-Dichloropropane	594-20-7	5.51	<5.51	ug/kg dry	
2-Chloroethyl Vinyl Ether	110-75-8	5.51	<5.51	ug/kg dry	4.R
2-Chlorotoluene	95-49-8	5.51	<5.51	ug/kg dry	
4-Chlorotoluene	106-43-4	5.51	<5.51	ug/kg dry	
ǂ 4-Ethyltoluene	622-96-8	5.51	<5.51	ug/kg dry	
4-Isopropyltoluene	99-87-6	5.51	<5.51	ug/kg dry	

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
4-Methyl-2-Pentanone	108-10-1	11.0	<11.0	ug/kg dry	
Acetone	67-64-1	22.0	<22.0	ug/kg dry	4.S
Acrolein	107-02-8	11.0	<11.0	ug/kg dry	
Acrylonitrile	107-13-1	11.0	<11.0	ug/kg dry	
Benzene	71-43-2	5.51	<5.51	ug/kg dry	
Bromobenzene	108-86-1	5.51	<5.51	ug/kg dry	
Bromochloromethane	74-97-5	5.51	<5.51	ug/kg dry	
Bromodichloromethane	75-27-4	5.51	<5.51	ug/kg dry	
Bromoform	75-25-2	5.51	<5.51	ug/kg dry	
Bromomethane	74-83-9	5.51	<5.51	ug/kg dry	
Carbon disulfide	75-15-0	5.51	<5.51	ug/kg dry	4.J, 4.N, 4.R
Carbon Tetrachloride	56-23-5	5.51	<5.51	ug/kg dry	
Chlorobenzene	108-90-7	5.51	<5.51	ug/kg dry	
Chlorodifluoromethane	75-45-6	5.51	<5.51	ug/kg dry	4.R
Chloroethane	75-00-3	5.51	<5.51	ug/kg dry	4.K
Chloroform	67-66-3	5.51	<5.51	ug/kg dry	
Chloromethane	74-87-3	5.51	<5.51	ug/kg dry	
cis-1,2-Dichloroethene	156-59-2	5.51	<5.51	ug/kg dry	
cis-1,3-Dichloropropene	10061-01-5	11.0	<11.0	ug/kg dry	
Dibromochloromethane	124-48-1	5.51	<5.51	ug/kg dry	
Dibromomethane	74-95-3	5.51	<5.51	ug/kg dry	
Dichlorodifluoromethane	75-71-8	5.51	<5.51	ug/kg dry	
Ethylbenzene	100-41-4	5.51	<5.51	ug/kg dry	
Hexachlorobutadiene	87-68-3	5.51	<5.51	ug/kg dry	
Isopropylbenzene (Cumene)	98-82-8	5.51	<5.51	ug/kg dry	
m,p-Xylenes	108-38-3/106-42-3	11.0	<11.0	ug/kg dry	
Methyl Acetate	79-20-9	5.51	<5.51	ug/kg dry	4.S
Methyl Butyl Ketone (2-Hexanone)	591-78-6	11.0	<11.0	ug/kg dry	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.0	<11.0	ug/kg dry	

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Methylene Chloride	75-09-2	5.51	<5.51	ug/kg dry	4.R
Methyl-tert-Butyl Ether	1634-04-4	5.51	<5.51	ug/kg dry	
n-Butylbenzene	104-51-8	5.51	<5.51	ug/kg dry	4.S, 4.K
n-Propylbenzene	103-65-1	5.51	<5.51	ug/kg dry	
o-Xylene	95-47-6	5.51	<5.51	ug/kg dry	
sec-Butylbenzene	135-98-8	5.51	<5.51	ug/kg dry	
Styrene	100-42-5	5.51	<5.51	ug/kg dry	
tert-Butyl alcohol	75-65-0	11.0	<11.0	ug/kg dry	
tert-Butylbenzene	98-06-6	5.51	<5.51	ug/kg dry	
Tetrachloroethene	127-18-4	5.51	<5.51	ug/kg dry	
Toluene	108-88-3	5.51	<5.51	ug/kg dry	
trans-1,2-Dichloroethene	156-60-5	5.51	<5.51	ug/kg dry	4.R
trans-1,3-Dichloropropene	10061-02-6	5.51	<5.51	ug/kg dry	
Trichloroethene	79-01-6	5.51	<5.51	ug/kg dry	
Trichlorofluoromethane	75-69-4	5.51	<5.51	ug/kg dry	
Vinyl Acetate	108-05-4	5.51	<5.51	ug/kg dry	4.R
Vinyl chloride	75-01-4	5.51	<5.51	ug/kg dry	4.K

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	108	72.1-142	
4-Bromofluorobenzene	460-00-4	105	76.1-131	
Dibromofluoromethane	1868-53-7	106	77.6-135	
Toluene-d8	2037-26-5	102	77.8-124	

Date Prepared: 08/27/2025

Preparation Method: EPA 5035A-L

Date Analyzed: 08/27/2025

Analytical Method: EPA 8260D

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,2,4-Trichlorobenzene	120-82-1	1330	<1330	ug/kg dry	3.A
1,2-Dichlorobenzene	95-50-1	1330	<1330	ug/kg dry	3.A
1,3-Dichlorobenzene	541-73-1	1330	<1330	ug/kg dry	3.A
1,4-Dichlorobenzene	106-46-7	1330	<1330	ug/kg dry	3.A
ǂ 2,2'-Oxybis(1-Chloropropane)	108-60-1	1770	<1770	ug/kg dry	3.A
2,4,5-Trichlorophenol	95-95-4	1770	<1770	ug/kg dry	3.A
2,4,6-Trichlorophenol	88-06-2	1770	<1770	ug/kg dry	3.A
2,4-Dichlorophenol	120-83-2	1330	<1330	ug/kg dry	3.A
2,4-Dimethylphenol	105-67-9	1330	<1330	ug/kg dry	3.A, 4.J
2,4-Dinitrophenol	51-28-5	2650	<2650	ug/kg dry	3.A, 4.K, 4.M
2,4-Dinitrotoluene	121-14-2	1770	<1770	ug/kg dry	3.A
2,6-Dinitrotoluene	606-20-2	1770	<1770	ug/kg dry	3.A
2-Chloronaphthalene	91-58-7	1330	<1330	ug/kg dry	3.A
2-Chlorophenol	95-57-8	1330	<1330	ug/kg dry	3.A, 4.K
2-Methylnaphthalene	91-57-6	1330	<1330	ug/kg dry	3.A
2-Methylphenol (o-cresol)	95-48-7	2650	<2650	ug/kg dry	3.A
2-Nitroaniline	88-74-4	2650	<2650	ug/kg dry	3.A
2-Nitrophenol	88-75-5	2650	<2650	ug/kg dry	3.A, 4.K
ǂ 3,3'-Dichlorobenzidine	91-94-1	2650	<2650	ug/kg dry	3.A
3/4-Methylphenol (m-Cresol/p-Cresol)	108-39-4/106-44-5	1330	<1330	ug/kg dry	3.A
3-Nitroaniline	99-09-2	1770	<1770	ug/kg dry	3.A
4,6-Dinitro-2-methylphenol	534-52-1	2650	<2650	ug/kg dry	3.A, 4.K, 4.M
4-Bromophenyl phenyl ether	101-55-3	1770	<1770	ug/kg dry	3.A
4-Chloro-3-methylphenol	59-50-7	1770	<1770	ug/kg dry	3.A
4-Chloroaniline	106-47-8	1330	<1330	ug/kg dry	3.A
4-Chlorophenyl phenyl ether	7005-72-3	1770	<1770	ug/kg dry	3.A
4-Nitroaniline	100-01-6	2650	<2650	ug/kg dry	3.A
4-Nitrophenol	100-02-7	2650	<2650	ug/kg dry	3.A
Acenaphthene	83-32-9	1770	<1770	ug/kg dry	3.A
Acenaphthylene	208-96-8	1330	<1330	ug/kg dry	3.A

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Aniline	62-53-3	1770	<1770	ug/kg dry	3.A
Anthracene	120-12-7	1770	<1770	ug/kg dry	3.A
Benzidine	92-87-5	6190	<6190	ug/kg dry	3.A, 4.J, 4.N
Benzo(a)anthracene	56-55-3	1330	5790	ug/kg dry	3.E
Benzo(a)pyrene	50-32-8	1330	6050	ug/kg dry	3.E
Benzo(b)fluoranthene	205-99-2	2650	5490	ug/kg dry	3.E
Benzo(g,h,i)perylene	191-24-2	1330	4130	ug/kg dry	3.E
Benzo(k)fluoranthene	207-08-9	1330	5510	ug/kg dry	3.E
Benzoic Acid	65-85-0	3530	<3530	ug/kg dry	3.A, 4.K
Benzyl alcohol	100-51-6	3530	<3530	ug/kg dry	3.A
bis(2-Chloroethoxy)methane	111-91-1	1330	<1330	ug/kg dry	3.A
Bis(2-Chloroethyl)ether	111-44-4	1330	<1330	ug/kg dry	3.A
Bis(2-Ethylhexyl)phthalate	117-81-7	2650	<2650	ug/kg dry	3.A
Butyl benzyl phthalate	85-68-7	2650	<2650	ug/kg dry	3.A
Carbazole	86-74-8	1330	<1330	ug/kg dry	3.A
Chrysene	218-01-9	1770	6540	ug/kg dry	3.E
Dibenzo(a,h)anthracene	53-70-3	1330	<1330	ug/kg dry	3.A
Dibenzofuran	132-64-9	1770	<1770	ug/kg dry	3.A
Diethyl phthalate	84-66-2	1770	<1770	ug/kg dry	3.A
Dimethyl phthalate	131-11-3	1770	<1770	ug/kg dry	3.A
Di-n-butyl phthalate	84-74-2	2650	<2650	ug/kg dry	3.A
Di-n-octyl phthalate	117-84-0	2650	<2650	ug/kg dry	3.A
Fluoranthene	206-44-0	1770	11900	ug/kg dry	3.A
Fluorene	86-73-7	1770	<1770	ug/kg dry	3.A
Hexachlorobenzene	118-74-1	1770	<1770	ug/kg dry	3.A
Hexachlorobutadiene	87-68-3	1770	<1770	ug/kg dry	3.A
Hexachlorocyclopentadiene	77-47-4	2650	<2650	ug/kg dry	3.A, 4.J
Hexachloroethane	67-72-1	1330	<1330	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	1330	5770	ug/kg dry	3.E

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Isophorone	78-59-1	2650	<2650	ug/kg dry	3.A
Naphthalene	91-20-3	1770	<1770	ug/kg dry	3.A
ǂ n-Decane	124-18-5	1330	48600	ug/kg dry	
Nitrobenzene	98-95-3	1770	<1770	ug/kg dry	3.A
N-Nitrosodimethylamine	62-75-9	1330	<1330	ug/kg dry	3.A
N-Nitroso-di-n-propylamine	621-64-7	1330	<1330	ug/kg dry	3.A
N-Nitrosodiphenylamine	86-30-6	1330	<1330	ug/kg dry	3.A
ǂ n-Octadecane	593-45-3	1330	21800	ug/kg dry	
Parathion (ethyl)	56-38-2	2650	<2650	ug/kg dry	3.A, 4.K
Pentachlorophenol	87-86-5	2650	<2650	ug/kg dry	3.A, 4.K, 4.M
Phenanthrene	85-01-8	1770	5950	ug/kg dry	3.E
Phenol	108-95-2	1330	<1330	ug/kg dry	3.A
Pyrene	129-00-0	1770	11200	ug/kg dry	3.E
Pyridine	110-86-1	1770	<1770	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	51	28.3-111	
2-Fluorobiphenyl	321-60-8		30.1-118	4.D
2-Fluorophenol	367-12-4	28	28.1-113	4.D
Nitrobenzene-d5	4165-60-0	45	30.3-117	
Phenol-d6	13127-88-3	19	26.7-119	4.D
Terphenyl-d14	1718-51-0	35	31.4-136	

Date Prepared: 08/27/2025

Preparation Method: EPA 3546

Date Analyzed: 08/28/2025

Analytical Method: EPA 8270E

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Pesticides Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
4,4'-DDD	72-54-8	2.21	10.6	ug/kg dry	
4,4'-DDE	72-55-9	2.21	41.0	ug/kg dry	
4,4'-DDT	50-29-3	2.21	12.0	ug/kg dry	
Aldrin	309-00-2	2.21	9.01	ug/kg dry	
alpha-BHC	319-84-6	5.53	8.70	ug/kg dry	
beta-BHC	319-85-7	5.53	<5.53	ug/kg dry	4.G
cis-Chlordane	5103-71-9	5.53	<5.53	ug/kg dry	
delta-BHC	319-86-8	5.53	17.1	ug/kg dry	
Dieldrin	60-57-1	2.21	13.1	ug/kg dry	
Endosulfan I	959-98-8	5.53	7.08	ug/kg dry	
Endosulfan II	33213-65-9	5.53	<5.53	ug/kg dry	
Endosulfan Sulfate	1031-07-8	5.53	<5.53	ug/kg dry	4.G
Endrin	72-20-8	5.53	13.3	ug/kg dry	
Endrin Aldehyde	7421-93-4	5.53	11.3	ug/kg dry	
Endrin Ketone	53494-70-5	5.53	<5.53	ug/kg dry	
gamma-BHC / Lindane	58-89-9	5.53	9.96	ug/kg dry	
Heptachlor	76-44-8	5.53	8.10	ug/kg dry	
Heptachlor Epoxide	1024-57-3	5.53	<5.53	ug/kg dry	
Methoxychlor	72-43-5	5.53	27.8	ug/kg dry	
Mirex	2385-85-5	5.53	<5.53	ug/kg dry	4.G
Toxaphene	8001-35-2	111	<111	ug/kg dry	
trans-Chlordane	5103-74-2	5.53	<5.53	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	67	52.6-153	
Tetrachloro-m-xylene	877-09-8	89	56.1-151	

Date Prepared: 08/29/2025

Preparation Method: EPA 3546

Date Analyzed: 09/05/2025

Analytical Method: EPA 8081B

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

PCB/Aroclor Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Aroclor-1016	12674-11-2	55.3	<55.3	ug/kg dry	
Aroclor-1221	11104-28-2	55.3	<55.3	ug/kg dry	
Aroclor-1232	11141-16-5	55.3	<55.3	ug/kg dry	
Aroclor-1242	53469-21-9	55.3	<55.3	ug/kg dry	
Aroclor-1248	12672-29-6	55.3	<55.3	ug/kg dry	
Aroclor-1254	11097-69-1	55.3	<55.3	ug/kg dry	
Aroclor-1260	11096-82-5	55.3	<55.3	ug/kg dry	
Aroclor-1262	37324-23-5	55.3	<55.3	ug/kg dry	
Aroclor-1268	11100-14-4	55.3	<55.3	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	82	47.4-148	
Tetrachloro-m-xylene	877-09-8	58	51.4-150	

Date Prepared: 08/29/2025

Preparation Method: EPA 3546

Date Analyzed: 09/02/2025

Analytical Method: EPA 8082A

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	08/28/2025	EPA 6010D	1.85	3.94	mg/kg dry	5.P
Barium	08/28/2025	EPA 6010D	1.85	205	mg/kg dry	
Cadmium	08/28/2025	EPA 6010D	1.85	<1.85	mg/kg dry	
Chromium	08/28/2025	EPA 6010D	1.85	25.1	mg/kg dry	
Lead	08/28/2025	EPA 6010D	1.85	266	mg/kg dry	5.P
Selenium	08/28/2025	EPA 6010D	3.69	<3.69	mg/kg dry	
Silver	08/28/2025	EPA 6010D	0.46	<0.46	mg/kg dry	

Date Prepared: 08/27/2025 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	08/29/2025	EPA 7471B	0.02	0.11	mg/kg dry	4.N

Date Prepared: 08/27/2025 Preparation Method: EPA 7471 B

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Volatiles by EPA1311 ZHE TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1-Dichloroethene	75-35-4	5.00	<5.00	ug/L	4.R
1,2-Dichloroethane	107-06-2	5.00	<5.00	ug/L	
1,4-Dichlorobenzene	106-46-7	5.00	<5.00	ug/L	
Benzene	71-43-2	0.700	<0.700	ug/L	
Carbon Tetrachloride	56-23-5	5.00	<5.00	ug/L	4.K
Chlorobenzene	108-90-7	5.00	<5.00	ug/L	
Chloroform	67-66-3	5.00	<5.00	ug/L	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.0	<10.0	ug/L	
Tetrachloroethene	127-18-4	5.00	<5.00	ug/L	
Trichloroethene	79-01-6	5.00	<5.00	ug/L	
Vinyl chloride	75-01-4	5.00	<5.00	ug/L	4.S

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	96	90.7-121	
4-Bromofluorobenzene	460-00-4	101	89.4-122	
Dibromofluoromethane	1868-53-7	96	74.4-131	
Toluene-d8	2037-26-5	91	92.7-114	4.D

Date Leached: 09/02/2025 Leach Batch: B536048 Leach Method: EPA 1311 Fluid #1
Date Prepared: 09/04/2025 Preparation Method: EPA 5030 C
Date Analyzed: 09/04/2025 Analytical Method: EPA 8260D

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Semi-Volatiles by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	5.00	<5.00	ug/L	
2,4,6-Trichlorophenol	88-06-2	5.00	<5.00	ug/L	
2,4-Dinitrotoluene	121-14-2	5.00	<5.00	ug/L	
2-Methylphenol (o-cresol)	95-48-7	5.00	<5.00	ug/L	
3/4-Methylphenol (m-Cresol/p-Cresol)	108-39-4/106-44-5	5.00	<5.00	ug/L	
Hexachlorobenzene	118-74-1	5.00	<5.00	ug/L	
Hexachlorobutadiene	87-68-3	5.00	<5.00	ug/L	
Hexachloroethane	67-72-1	5.00	<5.00	ug/L	
Nitrobenzene	98-95-3	5.00	<5.00	ug/L	
Pentachlorophenol	87-86-5	5.00	<5.00	ug/L	4.J
Pyridine	110-86-1	5.00	<5.00	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	53	44.1-113	
2-Fluorobiphenyl	321-60-8	46	46.1-112	4.D
2-Fluorophenol	367-12-4	40	27-82.5	
Nitrobenzene-d5	4165-60-0	47	33.5-156	
Phenol-d6	13127-88-3	33	23.3-65.7	
Terphenyl-d14	1718-51-0	53	42-122	

Date Leached: 08/29/2025 Leach Batch: B535196 Leach Method: EPA 1311 Fluid #1
Date Prepared: 09/02/2025 Preparation Method: EPA 3510 C
Date Analyzed: 09/02/2025 Analytical Method: EPA 8270E

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Pesticide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlordane	12789-03-6	3.00	<3.00	ug/L	
Endrin	72-20-8	5.00	<5.00	ug/L	
gamma-BHC / Lindane	58-89-9	5.00	<5.00	ug/L	
Heptachlor	76-44-8	5.00	<5.00	ug/L	
Heptachlor Epoxide	1024-57-3	5.00	<5.00	ug/L	
Methoxychlor	72-43-5	5.00	<5.00	ug/L	
Toxaphene	8001-35-2	50.0	<50.0	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	85	57.4-130	
Tetrachloro-m-xylene	877-09-8	39	51.9-129	4.D

Date Leached: 08/29/2025 Leach Batch: B535196 Leach Method: EPA 1311 Fluid #1
Date Prepared: 09/02/2025 Preparation Method: EPA 3510 C
Date Analyzed: 09/09/2025 Analytical Method: EPA 8081B

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

Metals by EPA 1311 TCLP Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	09/02/2025	EPA 6010D	0.05	<0.05	mg/L	
Barium	09/02/2025	EPA 6010D	1.00	<1.00	mg/L	
Cadmium	09/02/2025	EPA 6010D	0.05	<0.05	mg/L	
Chromium	09/02/2025	EPA 6010D	0.05	<0.05	mg/L	
Lead	09/02/2025	EPA 6010D	0.05	<0.05	mg/L	
Selenium	09/02/2025	EPA 6010D	0.05	<0.05	mg/L	4.M
Silver	09/02/2025	EPA 6010D	0.05	<0.05	mg/L	

Date Leached: 08/29/2025 Leach Batch: B535196 Leach Method: EPA 1311 Fluid #1

Date Prepared: 09/02/2025 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	09/03/2025	EPA 7471B	0.02	<0.02	mg/L	

Date Leached: 08/29/2025 Leach Batch: B535196 Leach Method: EPA 1311 Fluid #1

Date Prepared: 09/02/2025 Preparation Method: EPA 7471 B

Client: Miller Environmental Group	Client ID: LIRR - Richmond Hill 91-53 121st St Richmond
Date (Time) Collected: 08/26/2025 08:15	Sample ID: MPSC
Date (Time) Received: 08/26/2025 10:20	Laboratory ID: 5082610-01 % Solid:90.35
Matrix: Soil	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Flashpoint	08/28/2025 18:20	EPA 1030	75.0	Negative for Ignitability	°F	

Date Prepared: 08/28/2025 Preparation Method: Pensky-Martens Closed Cu

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Corrosivity (pH)	09/02/2025 16:20	EPA 9045D	NA	10.62	units	1.C
Temperature @ pH in C	09/02/2025 16:20	EPA 9045D	NA	22.80	units	1.C

Date Prepared: 09/02/2025 Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
ǂ Reactive Cyanide	08/29/2025 14:37	SW-846 Ch7 Sec. 7.3	5.53	<5.53	mg/kg dry	
ǂ Reactive Sulfide	08/29/2025 14:37	SW-846 Ch7 Sec. 7.3	2.21	<2.21	mg/kg dry	

Date Prepared: 08/28/2025 Preparation Method: Distillation Reactivity

Data Qualifiers Key Reference:

1.C	Holding time exceeded, analyze immediate parameter.
3.A	Reporting limit raised due to matrix interference.
3.E	Compound reported at a dilution factor.
4.D	Surrogate recovery has failed low.
4.G	Spike recovery out of range due to matrix interference.
4.J	Continuing Calibration Verification (CCV) quality control levels failed low.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high.
4.M	LCS recovery was above QC acceptance limit.
4.N	LCS recovery was below QC acceptance limit.
4.R	Initial Calibration Verification (ICV) quality control levels low.
4.S	Initial Calibration Verification (ICV) quality control levels high.
4.T	Sample Matrix Spike/Spike Dup RPD is above acceptable range.
5.P	SRM recovery was outside QC acceptance limit.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation
H	Holding Time Exceeded
ǂ	Analyte Non-certified by ELAP.

LONG ISLAND ANALYTICAL LABORATORIES INC.
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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Miller Environmental Group, 538 Edwards Ave, Calverton NY	CONTACT: Nancy Wager	SAMPLER (SIGNATURE): Matthew Neves	SAMPLE(S) SEALED: YES / NO
	PHONE: 516-522-7857	SAMPLER NAME (PRINT): Matthew Neves	CORRECT CONTAINER(S): YES / NO
PROJECT LOCATION: LIRR - Richmond Hill, 91-53 121st St Richmond Hill		SAMPLES RECEIVED AT: 0.8 °C	5082610
REPORTS EMAIL: nwagner@millerenv.com	INVOICE EMAIL:		

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED: Corrosivity (1110)	Reactivity	Ignitability (1010)	VOCs (8260)	SVOC (8270)	RCRA Metals	Pesticide (8080)	RCRA Metals TCLP	VOC & SVOC TCLP	Pesticide TCLP	PCBs	# OF CONTAINERS
1. 01	S	C				8/26/25	0815	MPSC	X	X	X	X	X	X	X	X	X	X	X	
2.																				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				
11.																				
12.																				
13.																				
14.																				

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☒ NORMAL ☐ STAT
BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 8/26/25 TIME 1020	PRINTED NAME Jesse Schurmann

WHITE - OFFICE / CANARY - CLIENT

LONG ISLAND ANALYTICAL LABORATORIES INC.

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Project: Analysis
Project Number: LIRR - Richmond Hill 91-53 121st St Richmond Hill

WORK ORDER
5082610

Date Logged In: 08/26/2025 10:54 AM
Date Received: 08/26/2025 10:20 AM
Date Due: 09/01/2025 (4 day TAT)

Logged In By: Jesse Schurmann
Received By: Jesse Schurmann
Samples Received at: **0.8°C**

5082610-01: MPSC [Soil] Sampled 8/26/2025 8:15:00AM

Containers

Des	Container	Preservative	Requirement	Verification	Preserved In Lab	Preserved In Field	Temperature
A	8 oz Glass						☑
B	8 oz Glass						☐
C	8 oz Glass						☐
D	2 oz Glass						☐
E	40 mL VOA Vial DI Water						☐
F	40 mL VOA Vial DI Water						☐
G	40 mL VOA Vial Methanol						☐
H	40 mL VOA Vial Methanol						☐

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5100947

October 23, 2025

Miller Environmental Group
538 Edwards Ave
Calverton, NY 11933

Re: 91-53 121st St Richmond Hill

Dear Miller Environmental Group,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on October 09, 2025. Long Island Analytical laboratories analyzed the samples on October 22, 2025 for the following:

SAMPLE ID	ANALYSIS
Richmond Hill Comp	TCLP (8) Metals, TCLP Herbicide, TCLP Pesticides, TCLP Semi-Volatile, TCLP Volatiles

Samples received at 2.3 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael D. Veraldi
Laboratory Technical Director

Client: Miller Environmental Group	Client ID: 91-53 121st St Richmond Hill
Date (Time) Collected: 10/09/2025 00:00	Sample ID: Richmond Hill Comp
Date (Time) Received: 10/09/2025 13:10	Laboratory ID: 5100947-01 % Solid:91.503
Matrix: Soil	ELAP: #11693

Volatiles by EPA1311 ZHE TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1-Dichloroethene	75-35-4	5.00	<5.00	ug/L	
1,2-Dichloroethane	107-06-2	5.00	<5.00	ug/L	
1,4-Dichlorobenzene	106-46-7	5.00	<5.00	ug/L	
Benzene	71-43-2	0.700	<0.700	ug/L	
Carbon Tetrachloride	56-23-5	5.00	<5.00	ug/L	
Chlorobenzene	108-90-7	5.00	<5.00	ug/L	
Chloroform	67-66-3	5.00	<5.00	ug/L	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	10.0	<10.0	ug/L	
Tetrachloroethene	127-18-4	5.00	<5.00	ug/L	
Trichloroethene	79-01-6	5.00	<5.00	ug/L	
Vinyl chloride	75-01-4	5.00	<5.00	ug/L	4.K

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichloroethane-d4	10706-07-0	105	90.7-121	
4-Bromofluorobenzene	460-00-4	99	89.4-122	
Dibromofluoromethane	1868-53-7	104	74.4-131	
Toluene-d8	2037-26-5	91	92.7-114	4.D

Date Leached: 10/13/2025 Leach Batch: B542041 Leach Method: EPA 1311 Fluid #1

Date Prepared: 10/16/2025 Preparation Method: EPA 5030 C

Date Analyzed: 10/16/2025 Analytical Method: EPA 8260D

Client: Miller Environmental Group	Client ID: 91-53 121st St Richmond Hill
Date (Time) Collected: 10/09/2025 00:00	Sample ID: Richmond Hill Comp
Date (Time) Received: 10/09/2025 13:10	Laboratory ID: 5100947-01 % Solid:91.503
Matrix: Soil	ELAP: #11693

Semi-Volatiles by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-Trichlorophenol	95-95-4	5.00	<5.00	ug/L	
2,4,6-Trichlorophenol	88-06-2	5.00	<5.00	ug/L	
2,4-Dinitrotoluene	121-14-2	5.00	<5.00	ug/L	
2-Methylphenol (o-cresol)	95-48-7	5.00	<5.00	ug/L	
3/4-Methylphenol (m-Cresol/p-Cresol)	108-39-4/106-44-5	5.00	<5.00	ug/L	
Hexachlorobenzene	118-74-1	5.00	<5.00	ug/L	4.K
Hexachlorobutadiene	87-68-3	5.00	<5.00	ug/L	
Hexachloroethane	67-72-1	5.00	<5.00	ug/L	
Nitrobenzene	98-95-3	5.00	<5.00	ug/L	
Pentachlorophenol	87-86-5	5.00	<5.00	ug/L	
Pyridine	110-86-1	5.00	<5.00	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4,6-Tribromophenol	118-79-6	18	44.1-113	4.D
2-Fluorobiphenyl	321-60-8	49	46.1-112	
2-Fluorophenol	367-12-4		27-82.5	4.D
Nitrobenzene-d5	4165-60-0	36	33.5-156	
Phenol-d6	13127-88-3	4	23.3-65.7	4.D
Terphenyl-d14	1718-51-0	63	42-122	

Date Leached: 10/14/2025 Leach Batch: B542064 Leach Method: EPA 1311 Fluid #1

Date Prepared: 10/15/2025 Preparation Method: EPA 3510 C

Date Analyzed: 10/16/2025 Analytical Method: EPA 8270E

Client: Miller Environmental Group	Client ID: 91-53 121st St Richmond Hill
Date (Time) Collected: 10/09/2025 00:00	Sample ID: Richmond Hill Comp
Date (Time) Received: 10/09/2025 13:10	Laboratory ID: 5100947-01 % Solid:91.503
Matrix: Soil	ELAP: #11693

Pesticide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlordane	12789-03-6	3.00	<3.00	ug/L	
Endrin	72-20-8	5.00	<5.00	ug/L	
gamma-BHC / Lindane	58-89-9	5.00	<5.00	ug/L	
Heptachlor	76-44-8	5.00	<5.00	ug/L	
Heptachlor Epoxide	1024-57-3	5.00	<5.00	ug/L	
Methoxychlor	72-43-5	5.00	<5.00	ug/L	
Toxaphene	8001-35-2	50.0	<50.0	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Decachlorobiphenyl	2051-24-3	127	57.4-130	
Tetrachloro-m-xylene	877-09-8	97	51.9-129	

Date Leached: 10/14/2025 Leach Batch: B542064 Leach Method: EPA 1311 Fluid #1
Date Prepared: 10/15/2025 Preparation Method: EPA 3510 C
Date Analyzed: 10/16/2025 Analytical Method: EPA 8081B

Client: Miller Environmental Group	Client ID: 91-53 121st St Richmond Hill
Date (Time) Collected: 10/09/2025 00:00	Sample ID: Richmond Hill Comp
Date (Time) Received: 10/09/2025 13:10	Laboratory ID: 5100947-01 % Solid:91.503
Matrix: Soil	ELAP: #11693

Herbicide by EPA 1311 TCLP Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
2,4,5-TP (Silvex)	93-72-1	5.00	<5.00	ug/L	
2,4-D	94-75-7	5.00	<5.00	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
2,4-Dichlorophenylacetic Acid	19719-28-9	108	19.3-133	

Date Leached: 10/14/2025 Leach Batch: B542064 Leach Method: EPA 1311 Fluid #1
Date Prepared: 10/15/2025 Preparation Method: EPA 3510 C
Date Analyzed: 10/15/2025 Analytical Method: EPA 8151A

Client: Miller Environmental Group	Client ID: 91-53 121st St Richmond Hill
Date (Time) Collected: 10/09/2025 00:00	Sample ID: Richmond Hill Comp
Date (Time) Received: 10/09/2025 13:10	Laboratory ID: 5100947-01 % Solid:91.503
Matrix: Soil	ELAP: #11693

Metals by EPA 1311 TCLP Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	10/22/2025	EPA 6010D	0.05	<0.05	mg/L	
Barium	10/22/2025	EPA 6010D	1.00	<1.00	mg/L	
Cadmium	10/22/2025	EPA 6010D	0.05	<0.05	mg/L	
Chromium	10/22/2025	EPA 6010D	0.05	<0.05	mg/L	
Lead	10/22/2025	EPA 6010D	0.05	<0.05	mg/L	
Selenium	10/22/2025	EPA 6010D	0.05	<0.05	mg/L	
Silver	10/22/2025	EPA 6010D	0.05	<0.05	mg/L	

Date Leached: 10/14/2025 Leach Batch: B542064 Leach Method: EPA 1311 Fluid #1

Date Prepared: 10/17/2025 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Mercury	10/21/2025	EPA 7471B	0.02	<0.02	mg/L	4.M

Date Leached: 10/14/2025 Leach Batch: B542064 Leach Method: EPA 1311 Fluid #1

Date Prepared: 10/14/2025 Preparation Method: [No Preparation Method Us

Data Qualifiers Key Reference:

4.D	Surrogate recovery has failed low.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high.
4.M	LCS recovery was above QC acceptance limit.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation
H	Holding Time Exceeded
ł	Analyte Non-certified by ELAP.

MEG # NY02250894

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Pg _____ of _____

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Miller Environmental Group, 538 Edwards Ave, Calverton NY	CONTACT: Nancy Wagner	SAMPLER (SIGNATURE): Cole Strnad	SAMPLE(S) SEALED: YES / NO
	PHONE: 516-522-7857	SAMPLER NAME (PRINT): Cole Strnad	CORRECT CONTAINER(S): YES / NO
PROJECT LOCATION: 91-53 121st st Richmond Hill		SAMPLES RECEIVED AT: 2.3°C	5100947
REPORTS EMAIL: nwagner@millerenv.com	INVOICE EMAIL:		

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED: Toxicity Full TCLP	Pesticide/Herbicide Full TCLP	# OF CONTAINERS
1. 01	S	C				10/9/25		Richmond Hill Comp	X	X	
2.											
3.											
4.											
5.											
6.											
7.											
8.											
9.											
10.											
11.											
12.											
13.											
14.											

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☐ STAT
BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 10-9-25 TIME 13:10	PRINTED NAME Evan Gibbons

WHITE - OFFICE / CANARY - CLIENT

NYSDOH ELAP# 11693 USEPA# NY01273 CTDOH# PH-0284 NJDEP# NY012 PADEP# 68-2943

LONG ISLAND ANALYTICAL LABORATORIES INC.

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Project: **Analysis**
Project Number: **91-53 121st St Richmond Hill**

WORK ORDER
5100947

Date Logged In: 10/09/2025 01:19 PM
Date Received: 10/09/2025 01:10 PM
Date Due: 10/15/2025 (4 day TAT)

Logged In By: Evan Lazzaro
Received By: Evan Lazzaro
Samples Received at: **2.3°C**

5100947-01: Richmond Hill Comp [Soil] Sampled 10/9/2025 12:00:00AM

Containers					Preserved In	Temperature
Des	Container	Preservative	Requirement	Verification	Lab Field	
A	8 oz Glass					☑
B	8 oz Glass					☐
C	Plastic Bag Large					☐

d. Autoimmune and Chronic Kidney Diseases Some studies show excess numbers of cases of scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease in workers exposed to respirable crystalline silica.
e. Non-Malignant Respiratory Diseases (other than silicosis) Some studies show an increased incidence in chronic bronchitis and emphysema in workers exposed to respirable crystalline silica.

Eye Contact: Crystalline silica (quartz) may cause abrasion of the cornea.
Skin Contact: Not applicable.
Ingestion: Not applicable.

Chronic Effects: The adverse health effects -- silicosis, lung cancer, autoimmune and chronic kidney diseases, tuberculosis, and non-malignant respiratory diseases-- are chronic effects.

Signs and Symptoms of Exposure: Generally, there are no signs or symptoms of exposure to crystalline silica (quartz).

Medical Conditions Generally Aggravated by Exposure: The condition of individuals with lung disease (e.g., bronchitis, emphysema, chronic obstructive pulmonary disease) can be aggravated by exposure.

See Section 11, Toxicological Information, for additional detail on potential adverse health effects.

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS No.	PEL (OSHA) mg/M^3	TLV (ACGIH) mg/M^3
Limestone	01317-65-3	5	5
Silica Sand, crystalline	14808-60-7	$\frac{10}{\%SiO_2+2}$	0.05 (respirable)

Other Limits: National Institute for Occupational Safety and Health (NIOSH). Recommended standard maximum permissible concentration=0.05 mg/M^3 (respirable free silica) as determined by a full-shift sample up to 10-hour working day, 40-hour work week. See NIOSH Criteria for a Recommended Standard Occupational Exposure to Crystalline Silica.

SECTION IV – First Aid Measures

Inhalation: No specific first-aid is necessary since the adverse health effects associated with exposure to crystalline silica (quartz) result from chronic exposures. If there is a gross inhalation of crystalline silica (quartz), remove the person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.

Eye Contact: Wash immediately with water. If irritation persists, seek medical attention.

Skin Contact: Not applicable.
Ingestion: Not applicable.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not flammable or explosive.
Auto-ignition Temperature: Not Applicable
Flash Points: Not Applicable

SECTION VI – ACCIDENTAL RELEASE MEASURES

Spills: Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment specified below.
Waste Disposal Method: See Section 13.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Precautions During Handling and Use: Do not breathe dust. Use adequate ventilation and dust collection. Keep airborne dust concentrations below permissible exposure limit (“PEL”). Do not rely on your sight to determine if dust is in the air. Respirable crystalline silica dust may be in the air without a visible dust cloud. If crystalline silica dust cannot be kept below permissible limits, wear a respirator approved for silica dust when using, handling, storing or disposing of this product or bag. See Section 8 for further information on respirators. Practice good housekeeping. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Maintain, clean, and fit test respirators in accordance with OSHA regulations. Maintain and test ventilation and dust collection equipment. Wash or vacuum clothing that has become dusty. The OSHA Hazard Communication Standard, 29 CFR Sections 1910.1200, 1915.1200, 1917.28, 1918.90, 1926.59 and 1928.21, and state and local worker or community "right-to-know" laws and regulations should be strictly followed.

Do not use for sandblasting.

Precautions During Storage: Avoid breakage of bagged material or spills of bulk material. Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep. See control measures in Section 8.

The OSHA Hazard Communication Standard, 29 CFR Sections 1910.1200, 1915.1200, 1917.28, 1918.90, 1926.59 and 1928.21, and state and local worker or community "right-to-know" laws and regulations should be strictly followed. WARN YOUR EMPLOYEES (AND YOUR CUSTOMERS IN CASE OF RESALE) BY POSTING AND OTHER MEANS OF THE HAZARDS AND THE REQUIRED OSHA PRECAUTIONS. PROVIDE TRAINING FOR YOUR EMPLOYEES ABOUT THE OSHA PRECAUTIONS.

For additional precautions, see American Society for Testing and Materials (ASTM) standard practice E 1132-99a, "Standard Practice for Health Requirements Relating to Occupational Exposure to Respirable Crystalline Silica."

SECTION VIII – EXPOSURE CONTROL MEASURES

Local Exhaust Ventilation: Use sufficient local exhaust ventilation to reduce the level of respirable crystalline silica to below the OSHA PEL. See ACGIH "Industrial Ventilation, A Manual of Recommended Practice" (latest edition).

Respiratory Protection:

If it is not possible to reduce airborne exposure levels to below the OSHA PEL with ventilation, use the table below to assist you in selecting respirators that will reduce personal exposures to below the OSHA PEL. This table is part of the NIOSH Respirator Selection Logic, 2004, Chapter III, Table 1, “Particulate Respirators”. The full document can be found at www.cdc.gov/niosh/npptl/topics/respirators; the user of this MSDS is directed to that site for information concerning respirator selection and use.

The assigned protection factor (APF) is the minimum anticipated level of protection provided by each type of respirator worn in accordance with an adequate respiratory protection program. For example, an APF of 10 means that the respirator should reduce the airborne concentration of a particulate by a factor of 10, so that if the workplace concentration of a particulate was150 ug/m^3, then a respirator with an APF of 10 should reduce the concentration of particulate to 15 ug/m^3.

Assigned protection factor[1]	Type of Respirator (Use only NIOSH-certified respirators)
10	Any air-purifying elastomeric half-mask respirator equipped with appropriate type of particulate filter.[2] Appropriate filtering facepiece respirator. [2,3] Any air-purifying full facepiece respirator equipped with appropriate type of particulate filter. [2] Any negative pressure (demand) supplied-air respirator equipped with a half-mask.
25	Any powered air-purifying respirator equipped with a hood or helmet and a high efficiency (HEPA) filter. Any continuous flow supplied-air respirator equipped with a hood or helmet.
50	Any air-purifying full facepiece respirator equipped with N-100, R-100, or P-100 filter(s). Any powered air-purifying respirator equipped with a tight-fitting facepiece (half or full facepiece) and a high-efficiency filter. Any negative pressure (demand) supplied-air respirator equipped with a full facepiece. Any continuous flow supplied-air respirator equipped with a tight-fitting facepiece (half or full facepiece). Any negative pressure (demand) self-contained respirator equipped with a full facepiece.

1,000	Any pressure-demand supplied-air respirator equipped with a half-mask.
1. The protection offered by a given respirator is contingent upon (1) the respirator user adhering to complete program requirements (such as the ones required by OSHA in 29CFR1910.134), (2) the use of NIOSH-certified respirators in their approved configuration, and (3) individual fit testing to rule out those respirators that cannot achieve a good fit on individual workers. 2. Appropriate means that the filter medium will provide protection against the particulate in question. 3. An APF of 10 can only be achieved if the respirator is qualitatively or quantitatively fit tested on individual workers.	

Exposure Guidelines – Note: Consult local authorities for acceptable exposure limits.

Component	CAS No.	Percentage (by wt.)	OSHA PEL		ACGIH TLV		
			TWA	STEL	TWA	STEL	Unit
Crystalline Silica (quartz)	14808-60-7	99.0-99.9	_10_ % SiO2 +2	None	.05	None	mg/m³

If crystalline silica (quartz) is heated to more than 870°C, it can change to a form of crystalline silica known as trydimite; if crystalline silica (quartz) is heated to more than 1470°C, it can change to a form of crystalline silica known as cristobalite. The OSHA PEL for crystalline silica as trydimite or cristobalite is one-half of the OSHA PEL for crystalline silica (quartz).

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: White or tan sand, granular, crushed, or ground to fine mesh sizes

Specific Gravity: 2.5 to 2.7
Melting Point: >3110°F (1710°C)
Boiling Point: 4046°F (2230°C)
Vapor Pressure: Not Applicable
Vapor Density: Not Applicable
Evaporation Rate: Not Applicable
Solubility in Water: Slight
Odor: Not Applicable

SECTION X - REACTIVITY DATA

Stability: Crystalline silica (quartz) is stable.
Incompatibility (Materials to Avoid): Contact with powerful oxidizing agents, such as fluorine, chlorine trifluoride and oxygen difluoride, may cause fires.
Hazardous Decomposition or Byproducts: Silica will dissolve in hydrofluoric acid and produce a corrosive gas – silicon tetrafluoride.
Hazardous Polymerization: Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Route(s) of Entry: Inhalation, Skin, Ingestion
Acute Exposure: Dust can irritate the eyes and upper respiratory system. Toxic effects noted in animals include, for acute exposures, alveolar damage with pulmonary edema.
Chronic Exposure: Dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis.
Carcinogenicity: Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs and possibly cancer. There is evidence that exposure to respirable silica or the disease silicosis is associated with an increased incidence of Scleroderma, tuberculosis and kidney disorders.

Carcinogenicity Listings:		
	NTP:	Known carcinogen
	OSHA:	Not listed as a carcinogen
	IARC Monographs:	Group 1 Carcinogen
	California Proposition 65:	Known carcinogen

NTP: The National Toxicology Program, in its "Ninth Report on Carcinogens" (released May 15, 2000) concluded that "Respirable crystalline silica (RCS), primarily quartz dusts occurring in industrial and occupational settings, is *known to be a human carcinogen*, based on sufficient evidence of carcinogenicity from studies in humans indicating a causal relationship between exposure to RCS and increased lung cancer rates in workers exposed to crystalline silica dust (reviewed in IAC, 1997; Brown *et al*., 1997; Hind *et al*., 1997)

IARC: The International Agency for Research on Cancer ("IARC") concluded that there was "*sufficient evidence* in humans for the carcinogenicity of crystalline silica in the forms of quartz or cristobalite from occupational sources", and that there is "*sufficient evidence* in experimental animals for the carcinogenicity of quartz or cristobalite." The overall IARC evaluation was that "crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is *carcinogenic to humans (*Group 1)." The IARC evaluation noted that "carcinogenicity was not detected in all industrial circumstances or studies. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." For further information on the IARC evaluation, see IARC Monographs on the Evaluation of carcinogenic Risks to Humans, Volume 68, "Silica, Some Silicates." (1997)

Signs and Symptoms of Exposure: Symptoms of excessive exposure to the dust include shortness of breath and reduced pulmonary function. Excessive exposure to skin and eyes especially when mixed with water can cause caustic burns as severe as third degree.

Medical Conditions Generally Aggravated by Exposure: Individuals with sensitive skin and with pulmonary and/or respiratory disease, including, but not limited to, asthma and bronchitis, or subject to eye irritation, should be precluded from exposure. Exposure to crystalline silica or the disease silicosis is associated with increased incidence of scleroderma, Tuberculosis and possibly increased incidence of kidney lesions.

Chronic Exposure: Dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis.
Medical Conditions Generally Aggravated by Exposure: Individuals with sensitive skin and with pulmonary and/or respiratory disease, including, but not limited to, asthma and bronchitis, or subject to eye irritation, should be precluded from exposure.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Crystalline silica (quartz) is not known to be ecotoxic; i.e., there are no data that suggests that crystalline silica (quartz) is toxic to birds, fish, invertebrates, microorganisms or plants
BOD5 and COD: Not Available
Products of Biodegradation: Not available
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated
DOT Hazard Class: Non-regulated
Shipping Name: Non-regulated
Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

UNITED STATES (FEDERAL AND STATE)
TSCA No.: Crystalline silica (quartz) appears on the EPA TSCA inventory under the CAS No. 14808-60-7.
RCRA: Crystalline silica (quartz) is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.
CERCLA: Crystalline silica (quartz) is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.
Emergency Planning and Community Right to Know Act (SARA Title III): Crystalline silica (quartz) is not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.
FDA: Silica is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3)(xxvi).
NTP: Respirable crystalline silica, primarily quartz dusts occurring in industrial and occupational settings, is classified as Known to be a Human Carcinogen.

OSHA Carcinogen: Crystalline silica (quartz) is not listed.
California Proposition 65: Crystalline silica (airborne particles of respirable size) is classified as a substance known to the State of California to be a carcinogen.
California Inhalation Reference Exposure Level (REL): California established a chronic REL of 3 µg for silica (crystalline, respirable). A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.
Massachusetts Toxic Use Reduction Act: Silica, crystalline (respirable size, <10 microns) is "toxic" for purposes of the Massachusetts Toxic Use Reduction Act.
Pennsylvania Worker and Community Right to Know Act: Quartz is a hazardous substance under the Act, but it is not a special hazardous substance or an environmental hazardous substance.

CANADA
WHMIS Classification: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

OTHER
EINECS No.: 238-878-4
EEC Label (Risk/Safety Phrases): R 48/20, R 40/20, S22, S38
IARC: Crystalline silica (quartz) is classified in IARC Group 1.
Japan MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.
Australian Inventory of Chemical Substances: All of the components of this product are listed on the AICS inventory or exempt from notification requirement

National, state, provincial or local emergency planning, community right-to-know or other laws, regulations or ordinances may be applicable--consult applicable national, state, provincial or local laws.

SECTION XVI – OTHER INFORMATION

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations (Canada)
DOT	Department of Transportation
IARC	International Agency for Research
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health

NTP	National Toxicity Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

Last Updated: December 29, 2011

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. END OF MSDS.

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(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1205789 **Date: 11/20/23**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MORRIS PARK YARD**
Job Location:	**121S ST/RICHMOND HILL**
Truck:	**MILLER**
Truck No.:	**7801**
Plate No.:	**35727PF**
P O No:	
Pile ID:	
Material:	**3/4" RCA**
Quantity:	**10 yds**

Signature: Henry Silva

Ticket Amount: $108.88 **Amount Paid: $108.88**

TICKET 1205789

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121S ST/RICHMOND HILL City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: [signature] Date: 11/20/2023

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: [signature] Date: 11/20/2023

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable):

Name: ~~MILLER ENVIRONMENTAL GROUP~~ @ LIRR Address: 121S ST/RICHMOND HILL

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Plitt - LIRR CSD EPC Phone: (347) 494-6403

Signature: Seth Plitt - LIRR CSD EPC Date: 11-28-2023

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1205789

Part 360 Waste Tracking Document

RECV

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121S ST/RICHMOND HILL City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 11/20/2023

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 14-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Henry Silva Date: 11/20/2023

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable):

Name: ~~MILLER ENVIRONMENTAL GROUP~~ LIRR Address: 121S ST/RICHMOND HILL

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Sam Dilth - LIRR CSD EPC Phone: (347) 495-6403

Signature: Dilth Dilth - LIRR CSD EPC Date: 11-28-2023

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[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1205789

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons _____ 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121S ST/RICHMOND HILL City: QUEENS State: NY Zip: _____

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: _____ Date: 11/20/2023

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: _____ Date: 11/20/2023

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): _____

Name: ~~MILLER ENVIRONMENTAL GROUP~~ LIRR Address: 121S ST/RICHMOND HILL

City: QUEENS State: NY Zip: _____ Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" RCA, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Dlott - LIRR CSD-EPC Phone: (347) 494-6405

Signature: Dlott - LIRR CSD-EPC Date: 11-28-2023

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1211855

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 12 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 120TH ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: B+C+ Date: 01/30/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 36132PF

Signature: Henry Silva Date: 01/30/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 24 1130

Name: MILLER ENVIRONMENTAL GROUP (MPY) Address: 120TH ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: SamPitt - LIRR CSD / LIRR Morris Park Yard 41-60 Project Phone: 347-494-6403

Signature: SamPitt - LIRRCSD Date: 01-31-2024

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1211855

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 12 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 120TH ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: B+C+ Date: 01/30/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-041.

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 36132PF

Signature: Henry Silva Date: 01/30/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 2-4 1136

Name: MILLER ENVIRONMENTAL GROUP (MPY) Address: 120TH ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 12 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Dis H - LIRR CSD / LIRR Morris Park Yard 41-60 Project Phone: 347-494-6403

Signature: Seth D. H - LIRR CSD Date: 01-31-2024

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

5601264
[illegible] 0005 [illegible]
31-40 123RD ST
FLUSHING, NY 11354-2521
(718) 762-2500

DUPLICATE

Term ID: 002 Ref #: 064

Sale

XXXXXXXXXXX1003
AMEX Entry Method: Manual

02/02/24 10:51:52
Inv #: 000004 Appr Code: 203306
Apprvd: Online Batch#: 000525
V-Code: Y

Total: $ 10.89

I agree to pay above total amount
according to card issuer agreement
(Merchant agreement if credit voucher)

X_____

Merchant Copy
THANK YOU!

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1212232 **Date: 02/02/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **120TH ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **ROLLOFF**
Plate No.: **36132PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

TICKET 1212232

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 120TH ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 02/02/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.:

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 36132PF

Signature: Date: 02/02/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable):

Name: MILLER ENVIRONMENTAL GROUP Address: 120TH ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

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NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1214860 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

[illegible]
DURANTE BROS CONSTRUCT
[illegible]
[illegible]
[illegible]

[illegible] Ref #: 0001

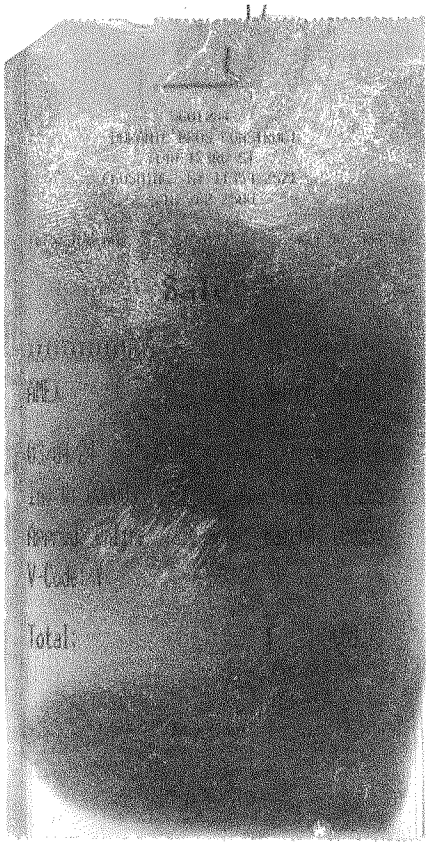
Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/04/24 11:16:15
Inv #: 000009 Appr Code: 297636
Apprvd: Online Batch#: 000550
V-Code: Y

Total: $ 609.73

Customer Copy
THANK YOU!



(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1214755 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

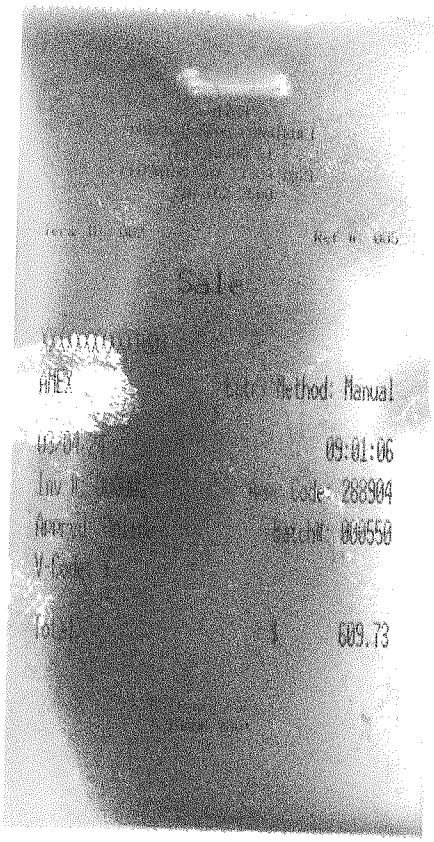
Material Out Ticket

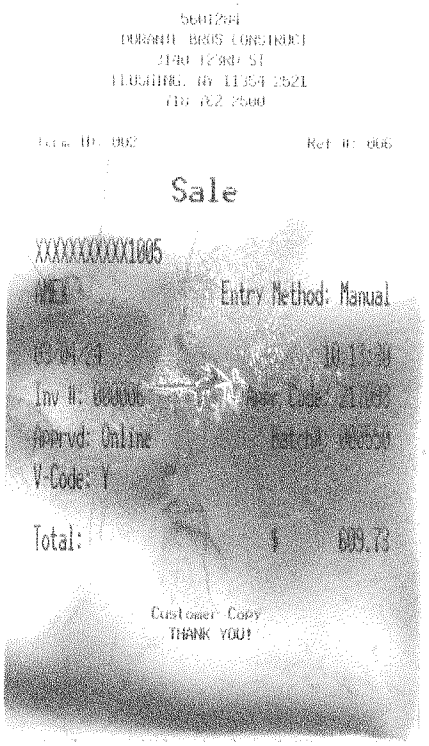
1214791 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**





5601264
DURANTE BROS CONSTRUCT
2130 123RD ST
FLUSHING, NY 11354-2521
(718) 762-2500

Term ID: 002 Ref #: 006

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual
03/04/24 10:17:49
Inv #: 000006 Appr Code: 210492
Approvd: Online Batch#: 000550
V-Code: Y

Total: $ 609.73

Customer Copy
THANK YOU!

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1214824 **Date: 03/04/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	**MTA YARD**
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**ROLLOFF**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

TICKET 1216373

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121ST ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 03/15/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Date: 03/15/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 121ST ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

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[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1216341

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121ST ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 03/15/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Date: 03/15/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 121ST ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste. Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility. [ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1216362

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 10 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 121ST ST/ATLANTIC AVE City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 03/15/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

Driver Name (print): HENRY Phone: 631-567-6545 Plate No.: 35727PF

Signature: Date: 03/15/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 121ST ST/ATLANTIC AVE

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 10 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Phone:

Signature: Date:

The completed tracking document for all waste types must be returned to the Facility where picked up within two weeks of receipt of the waste.Statewide for restricted-use fill, limited-use fill and contaminated fill, and for all waste types, except residue, generated in the City of New York, a copy of the completed tracking document **must also be provided to NYS DEC within 15 days** of waste delivery to the receiving facility.
[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216373 **Date: 03/15/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

5601234
DURANTE BROS CONSTRUCT
3140 123RD ST
FLUSHING, NY 11354-2521
718 762 2500

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 11:26:09
Inv #: 000008 Appr Code: 259176
Apprvd: Online Batch#: 000661
V-Code: Y

Total: $ 10.89

5601234
DURANTE BROS CONSTRUCT
3140 123RD ST
FLUSHING, NY 11354-2521
718 762 2500

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 09:55:17
Inv #: 000006 Appr Code: 295415
Apprvd: Online Batch#: 000661
V-Code: Y

Total: $ 10.89

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216341 **Date: 03/15/2**

Cust Name: **MILLER ENVIRONMENTAL GR**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N Y. 11354

Durante Bros. Construction

Material Out Ticket

1216362 **Date: 03/15/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **3/4" BLEND**
Quantity: **10 yds**

Signature:

Ticket Amount: $10.89 **Amount Paid: $10.89**

[illegible]

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 07:23:07
Inv #: 000003 Appr Code: 211236
Approvd: OnLine Batch#: 000561
V-Code: Y

Total: $ 731.67

[illegible]

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N Y. 11354

Durante Bros. Construction

Material Out Ticket

1216314 **Date: 03/15/24**

Cust Name: **MILLER ENVIRONMENTAL GROU**
Job Desc:
Job Location: **121ST ST/ATLANTIC AVE**
Truck: **MILLER**
Truck No.: **7801**
Plate No.: **35727PF**
P.O. No.:
Pile ID:
Material: **SAND**
Quantity: **12 yds**

Signature:

Ticket Amount: $731.67 **Amount Paid: $731.67**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216303 **Date: 03/15/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**7801**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature: Henry Silva

Ticket Amount: $609.73 **Amount Paid: $609.73**

501204
DURANTE BROS CONSTRUCT
31-40 123RD ST
FLUSHING, NY 11354-2521
718 762 2500

Term ID: 002 Ref #: 001

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

02/15/24 06:07:31
Inv #: 000001 Appr Code: 293014
Approvd: Online Batch#: 000561
V-Code: V

Total: $ 609.73

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1216328 **Date: 03/15/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**121ST ST/ATLANTIC AVE**
Truck:	**MILLER**
Truck No.:	**7801**
Plate No.:	**35727PF**
P.O. No.:	
Pile ID:	
Material:	**SAND**
Quantity:	**10 yds**

Signature:

Ticket Amount: $609.73 **Amount Paid: $609.73**

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]

[illegible] ID: 002 Ref #: 004

Sale

XXXXXXXXXXX1005
AMEX Entry Method: Manual

03/15/24 08:45:38
Inv #: 000004 Appr Code: 286150
Apprvd: OnLine BatchN: 000561
V-Code: Y

Total: $ 609.73

[illegible]
[illegible]

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1220484 **Date: 04/23/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**31-53 121ST ST**
Truck:	**MILLER**
Truck No.:	**7709**
Plate No.:	**22507PF**
P.O. No.:	
Pile ID:	
Material:	**3/4" BLEND**
Quantity:	**20 yds**
Signature:	

Ticket Amount: $21.78 **Amount Paid: $21.78**

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N Y. 11354

Durante Bros. Construction

Material Out Ticket

1220506 **Date: 04/23/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**31-53 121ST ST**
Truck:	**MILLER**
Truck No.:	**7709**
Plate No.:	**22507PF**
P.O No.:	
Pile ID:	
Material:	**3/4" BLEND**
Quantity:	**20 yds**

Signature: B. Slegh

Ticket Amount: $21.78 **Amount Paid: $21.78**

TICKET 1220506

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): ~~BUPINDER~~ RHUPINDER Phone: 631-567-6545 Plate No.: 22507PF

Signature: Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Pl-4-LIPP EPC / MPY 41-60 Phone: 347-494-6903

Signature: Seth Pl-4-LIPP EPC Date: 04-23-24

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NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1220506

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:
☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown
☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste
☑ Other (specify): Recycled Aggregate Product

QUANTITY:
Tons _____ 20 Cubic Yards Check box to indicate quantity is estimated: ☑

PICK UP LOCATION:
Source Name: Durante Brothers Construction
Address: 31-40 123rd Street
City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22
Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354
Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500
Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter
Receiving Facility Name: MILLER ENVIRONMENTAL GROUP
Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law. ☐ final site

Signature: _____ Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002
Transporter Company Name: MILLER ENVIRONMENTAL GROUP
Describe type or quantity of waste: 3/4" BLEND, 20 YARDS
Driver Name (print): ~~BUTPINDER~~ BHUPINDER Phone: 631-567-6545 Plate No.: 22507PF
Signature: _____ Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002
Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST
City: QUEENS State: NY Zip: _____ Put [X] for: ☐ interim processor, or ☑ final site
Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

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Print Name: Seth Plitt - LIRR-EDC / MDY 41-60 Phone: 347-494-6403
Signature: Seth Plitt - LIRR EDC Date: 04-23-24

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[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

TICKET 1220484

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): ~~BUTPINDER~~ BHUPINDER Phone: 631-567-6545 Plate No.: 22507PF

Signature: Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Sampath - LIRR - EPC / MPY. 41-60 Phone: 747-494-6403

Signature: Sampath - LIRR EPC Date: 04-23-24

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TICKET 1220484

Part 360 Waste Tracking Document

TRANS

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: LOUIS DURANTE JR Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): ~~BUTPINDER~~ BHUPINDER Phone: 631-567-6545 Plate No.: 22507PF

Signature: Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: SETH PATH - LIRR - EPC / MDY. 41-60 Phone: 347-454-6463

Signature: SETH PATH - LIRR - EPC Date: 04-23-24

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[ref: 6 NYCRR 364-5.1(b)(5)]

NYSDEC by e-mail to transport@dec.ny.gov OR fax to 518-402-9034 OR mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

(718) 762-2500
31-40 123rd Street

FAX (718) 762-2707
Flushing, N.Y. 11354

Durante Bros. Construction

Material Out Ticket

1220483 **Date: 04/23/24**

Cust Name:	**MILLER ENVIRONMENTAL GROU**
Job Desc:	
Job Location:	**31-53 121ST ST**
Truck:	**MILLER**
Truck No.:	**7713**
Plate No.:	**33990PF**
P.O. No.:	
Pile ID:	
Material:	**3/4" BLEND**
Quantity:	**20 yds**
Signature:	

Ticket Amount: $21.78 **Amount Paid: $21.78**

TICKET 1220483

Part 360 Waste Tracking Document

RTRN

TYPE OF MATERIAL:	☐ Limited-Use Fill ☐ Restricted-Use Fill ☐ Contaminated Fill ☐ Fill Material - Unknown ☐ General Fill ☐ Residue ☐ Construction Waste ☐ Demolition Waste ☑ Other (specify): Recycled Aggregate Product
QUANTITY:	Tons 20 Cubic Yards Check box to indicate quantity is estimated: ☑
PICK UP LOCATION:	Source Name: Durante Brothers Construction Address: 31-40 123rd Street City: Flushing State: NY Zip Code: 11354

FACILITY: Name: Durante Brothers Construction DEC Permit/Reg. No. (if applicable): 41W22

Address: 31-40 123rd Street City: Flushing State: NY Zip: 11354

Authorized Representative of Facility: Bryant Centeno Phone: 718-762-2500

Transporter Name: MILLER ENVIRONMENTAL GROUP ☑ Chosen by Transporter

Receiving Facility Name: MILLER ENVIRONMENTAL GROUP

Address: 31-53 121ST ST City: QUEENS State: NY Zip:

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Signature: [signature] Date: 04/23/2024

TRANSPORTER: *To be completed by Transporter* DEC Permit/Registration No.: 1A-002

Transporter Company Name: MILLER ENVIRONMENTAL GROUP

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

Driver Name (print): JOSE Phone: 631-567-6545 Plate No.: 33990PF

Signature: [signature] Date: 04/23/2024

RECEIVING FACILITY: *To be completed by Receiving site* DEC Permit/Reg. No. (if applicable): 1A-002

Name: MILLER ENVIRONMENTAL GROUP Address: 31-53 121ST ST

City: QUEENS State: NY Zip: Put [X] for: ☐ interim processor, or ☑ final site

Describe type or quantity of waste: 3/4" BLEND, 20 YARDS

I certify, under penalty of law, that the information entered by me herein is true and accurate.
I am aware that any false statement made on this document is punishable pursuant to Section 210.45 of the Penal Law.

Print Name: Seth Plitt- LIRR-EPC /MPV 4160 Phone: 347-494-6407

Signature: Seth Plitt -LIRR EPC Date: 04-23-24

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[ref: 6 NYCRR 364-5.1(b)(5)]

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