August 21, 2026

Craig Taylor, P.G.
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation (DER)
700 Delaware Avenue
Buffalo, New York 14209

Re: Soil Vapor Intrusion Investigation
Herb & Jane Darling Environmental Education Center

Tifft Farm Nature Preserve
1200 Fuhrmann Boulevard, Buffalo, New York 14203

NYSDEC Spill Number 2503891
NYSDEC Site No. 915072

Dear Mr. Taylor:

LaBella Associates, D.P.C. ("LaBella") recently completed a Soil Vapor Intrusion Investigation (SVII) for the Herb & Jane Darling Environmental Education Center located at Tifft Nature Preserve, addressed at 1200 Fuhrmann Boulevard, City of Buffalo, Erie County, New York, and subsequently referred to as the "Site". These services were performed in general conformance with the scope of work outlined in the Soil Vapor Intrusion Investigation Work Plan (SVIIWP), dated March 4, 2026. Third-party data validation of the laboratory analytical data was subsequently completed, as discussed below.

INTRODUCTION

The purpose of the investigation was to determine if volatile organic compounds (VOCs) are present or absent in the soil vapor beneath the building, and to assess the indoor air quality within the visitor's center/education center. Four sub-slab soil vapor samples, two crawl space air samples, six indoor air samples, and one outdoor air sample were collected. Additionally, three duplicate samples were collected for quality assurance / quality control purposes including one sub slab soil vapor sample, one indoor air sample, and one crawlspace air sample. The investigation was completed at the request of NYSDEC and New York State Department of Health (NYSDOH), and the results from this study will also be included in a forthcoming Remedial Investigation (RI) report.

FIELD INVESTIGATION

On March 2, 2026, LaBella installed the soil vapor sample probes to facilitate collection of the sub-slab soil vapor samples. A brass Vapor Pin® was installed as a permanent sampling point at each of the four sub-slab sampling locations. The sub-slab sampling points, identified as SS-1 (East Classroom), SS-2 (Shared Office Space), SS-3 (Storage Room), and SS-4 (West Classroom), were determined by NYSDOH and NYSDEC.

At each sub-slab sampling location, a cordless drill with a 1 ½-inch diameter paddle bit was used to drill a hole through the engineered wood or laminate flooring until the concrete slab was reached. A rotary hammer drill equipped with a 1 ½-inch diameter masonry drill bit was then used to drill approximately 1 ½ to 2 inches into the concrete slab to create a recess. A smaller, 5/8-inch diameter masonry drill bit was used to drill a hole all the way through the concrete slab, approximately 1 inch into the underlying material, to facilitate installation of the Vapor Pins®. After the hole was cleaned using a bottle brush, the Vapor Pins® were fitted with silicone sleeves and set into the concrete slab using the Vapor Pin® Installation tool. A MiniRAE 3000+ photo-ionization detector (PID), calibrated to 100 parts per million (ppm) Isobutylene, was subsequently used to screen sub-slab soil vapor sampling points, and the screening results are listed below:

- SS-1 (East Classroom): 0.5 ppm
- SS-2 (Shared Office Space): 3.0 ppm
- SS-3 (Storage Room): 1.7 ppm
- SS-4 (West Classroom): 0.9 ppm

Ambient air and crawl space air PID measurements were 0.0 ppm at each sampling location. A helium leak test was conducted at each sub-slab sampling point using an MGD-2002 Multi-Gas Leak Locator to ensure that the Vapor Pin® was properly installed within the concrete slab. A piece of flexible silicone tubing was connected to the top of the Vapor Pin® at one end, and to the helium detector at the other. A plastic bucket was used to create a shroud for the helium to accumulate around the Vapor Pin®, and the atmosphere within the shroud was enriched with helium gas. Helium was not detected at any of the sub-slab locations during the leak tests, confirming that there were no leaks between the Vapor Pins® and concrete slab.

LaBella returned on March 9, 2026, to complete the sampling. Four sub-slab soil vapor samples, two crawl space air samples, six indoor air samples, and one outdoor air sample were collected using batch-certified 2.7-liter Suma canisters, equipped with 8-hour calibrated flow regulators, provided by Pace Analytical. Duplicate sub-slab soil vapor and indoor air samples were collected from the West Classroom (SS-4 and IA-4), and one duplicate crawl space air sample was collected from the crawl space beneath the data closet (CS-1). After completion of the sampling, the Suma canisters were sent to Pace Analytical for VOC analysis by United States Environmental Protection Agency (USEPA) Method TO-15. The sample locations are depicted in Figures 2 and 3.

The NYSDOH Indoor Air Quality Questionnaire and Building Inventory was completed in accordance with the NYSDOH Guidance Document and is included as Attachment 4. Only general cleaning supplies were observed, and such were noted to be properly stored. LaBella noted that there are gaps in the wood plank flooring within the Exhibit Space which would allow for air communication with the crawl space below.

LABORATORY ANALYTICAL RESULTS

The sub-slab soil vapor, crawl space air, and indoor air analytical results were compared to the current NYSDOH Soil Vapor/Indoor Air Decision Matrices (2017 Matrices A through C and 2024 Matrices D through F) and Air Guideline Values.

Several VOCs, including petroleum- and solvent-related compounds for which NYSDOH has established decision matrices or guideline values, were detected in one or more sub-slab soil vapor, crawl space air, and/or indoor air samples. However, none of the detected VOCs in the indoor air samples exceed their applicable NYSDOH Air Guideline Values, and the Soil Vapor/Indoor Air Decision Matrices indicate that "No Further Action" is required to address human exposures when the concentrations of VOCs in the sub-slab soil vapor and crawl space air samples are compared to their corresponding indoor air sample results. The sub-slab soil vapor, crawl space air, and indoor/outdoor air analytical results are summarized in Table 1. A copy of the laboratory report is included as Attachment 2.

DATA VALIDATION

Data validation was completed for the March 9, 2026, TO-15 analytical data in accordance with NYSDEC Analytical Services Protocol Category B data-deliverable requirements, applicable USEPA National Functional Guidelines, and the validator's professional judgment. The Data Usability Summary Report (DUSR), dated July 2, 2026, determined that the data package was complete and that all reviewed data were usable and valid; no results were rejected. Selected detected results were qualified "J" and selected non-detect results were qualified "UJ" based on continuous-calibration percent-difference criteria and blind-duplicate relative-percent-difference exceedances. These qualifiers indicate estimated concentrations or estimated reporting limits and do not affect the conclusions of this report. Table 1 has been revised to incorporate the validation qualifiers, and the DUSR is included as Attachment 3

LaBella appreciates the opportunity to work with NYSDEC and NYSDOH on this project. Any questions regarding the investigation should be directed to the NYSDEC Project Manager.

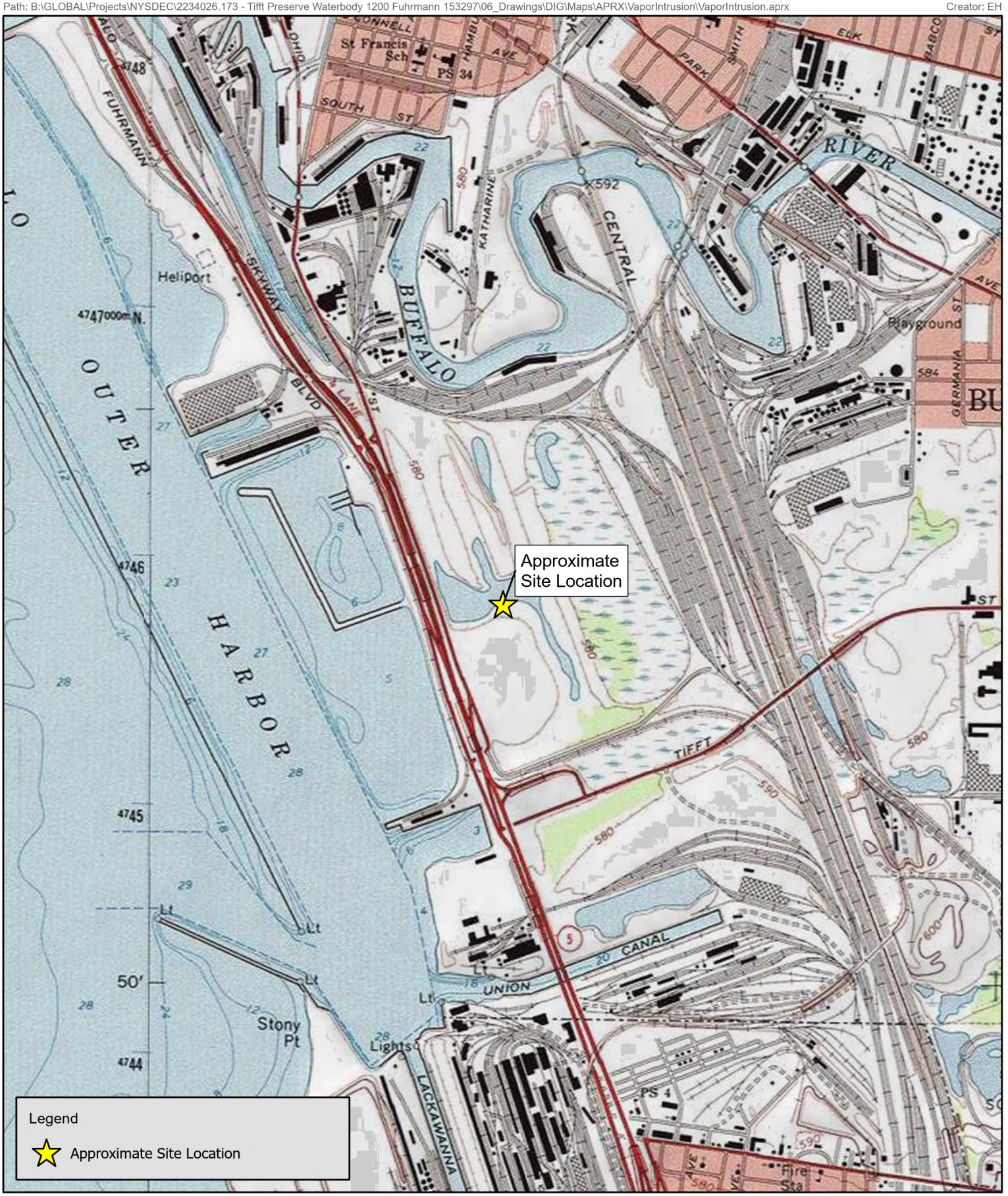
Sincerely,

Stephen Campana, PG
Environmental Project Manager

Abigail Beres
Environmental Scientist

LaBella
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FIGURES



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2234026.173 **Figure 1** 3/24/2026	Site Location Map	Soil Vapor Intrusion Investigation 1200 Fuhrmann Blvd Buffalo, New York	N 0 1,000 2,000 Feet LaBella Powered by partnership.

Data Source: LaBella, 2026; Regrid, 2025; USGS, 2013



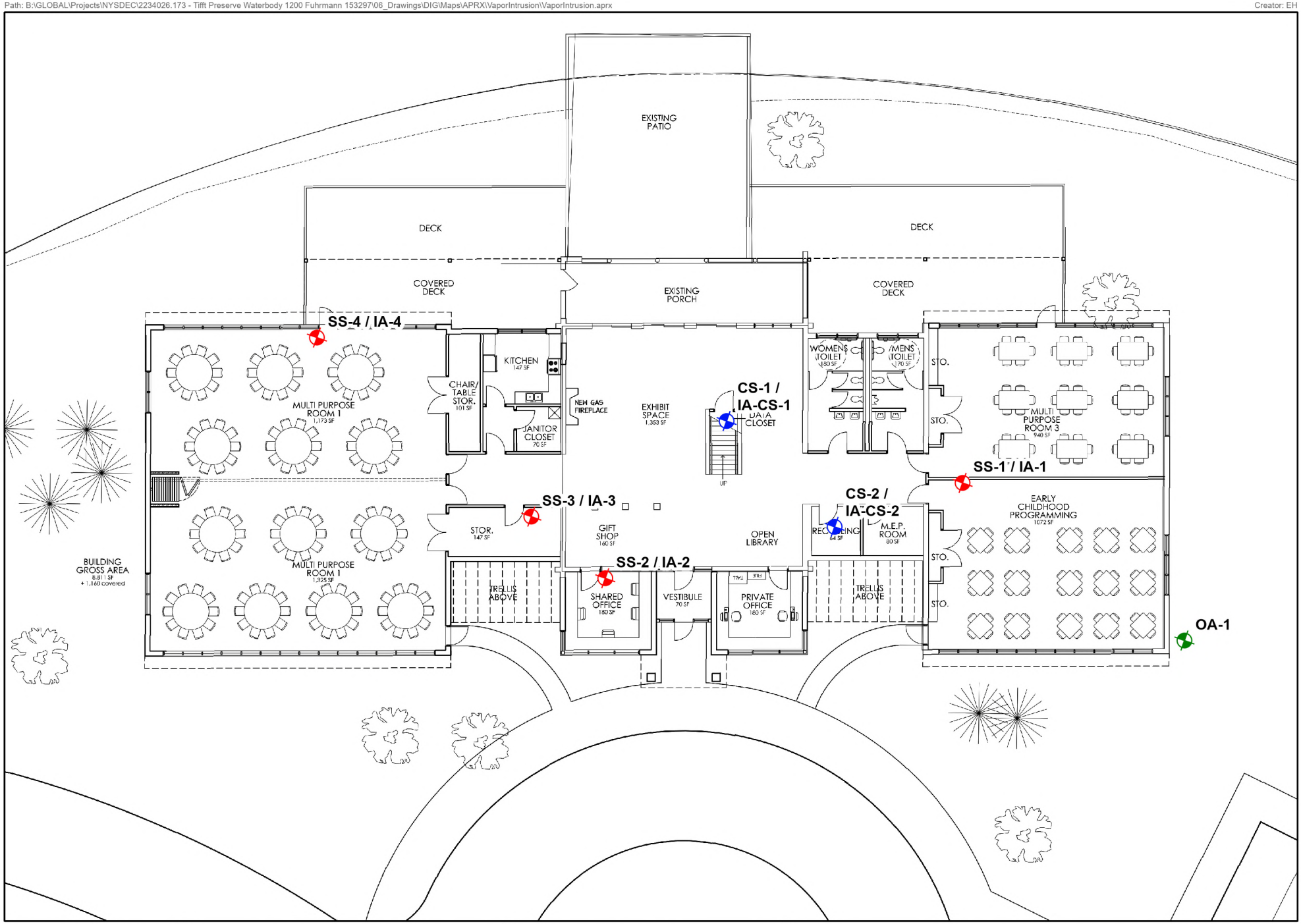
PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2234026.173 **Figure 2** 5/4/2026	Site Investigation Map	Soil Vapor Intrusion Investigation 1200 Fuhrmann Blvd Buffalo, New York

N

0 20 40 Feet

LaBella
Powered by partnership.

Data Source: Google Earth; LaBella, 2026; Regrid, 2025



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2234026.173 **Figure 3** 8/21/2026	**Visitor Center Floor Plan Map**	Soil Vapor Intrusion Investigation 1200 Fuhrmann Blvd Buffalo, New York

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0 20 40 Feet

LaBella Powered by partnership.

Data Source: Google Earth; LaBella, 2026; Regrid, 2025

LaBella
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TABLES

Table 1
Summary of Detected VOCs in Sub-slab Soil Vapor, Crawl Space Air, and Ambient Air
Soil Vapor Intrusion Investigation
Tifft Nature Preserve
1200 Fuhrmann Boulevard, Buffalo, New York
NYSDEC Spill Number 2503891
NYSDEC Site Number 915072

SAMPLE ID:	SS-1	IA-1	SS-2	IA-2	SS-3	IA-3	SS-4	SS-DUP	IA-4	IA-DUP	CS-1	CS-DUP	IA-CS-1	CS-2	IA-CS-2	OA-1
COLLECTION DATE:	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026	3/9/2026
SAMPLE MATRIX:	SOIL VAPOR	INDOOR AIR	SOIL VAPOR	INDOOR AIR	SOIL VAPOR	INDOOR AIR	SOIL VAPOR	SOIL VAPOR	INDOOR AIR	INDOOR AIR	CRAWL SPACE AIR	CRAWL SPACE AIR	INDOOR AIR	CRAWL SPACE AIR	INDOOR AIR	OUTDOOR AIR
1,1,1-Trichloroethane	0.12	<	<	<	3.75	<	103	67.7	0.06 J	<	0.115	0.136	<	<	<	<
1,1-Dichloroethane	<	<	<	<	<	<	0.053 J	0.17 J	<	<	<	<	<	<	<	<
1,2,4-Trimethylbenzene	2.13	0.167	2.25	0.108	2.3	0.118	2.64	2.02	0.118	0.226	0.059 J	0.064 J	0.256	<	0.157	0.084 J
1,2-Dichloroethane	0.125	0.166	0.283	0.142	0.109	0.178	0.097	0.093	0.13	0.13	0.073 J	0.065 J	0.162	0.089	0.194	0.077 J
1,2-Dichloropropane	0.06 J	0.143	<	0.171	<	0.189	<	<	0.102	0.106	0.097	0.111	0.213	0.088 J	0.139	<
1,3,5-Trimethylbenzene	0.6	<	0.58	<	0.58	<	0.6	0.50	<	0.08 J	<	<	<	<	<	<
2,2,4-Trimethylpentane	0.719 J	<	<	<	0.551 J	<	<	<	<	<	<	<	<	<	<	<
2-Butanone (Methyl Ethyl Ketone)	18.9	0.726 J	10.6	0.661 J	12	0.846 J	4.36	3.27	0.566 J	0.672 J	0.46 J	<	0.655 J	0.475 J	0.705 J	0.407 J
Benzene	0.997	0.278 J	1.21	0.249 J	0.719	0.291 J	0.466	0.441	0.246 J	0.297 J	0.185 J	0.188 J	0.265 J	0.281 J	0.259 J	0.236 J
Bromomethane	<	<	<	<	0.058 J	0.043 J	<	0.047 J	<	0.043 J	<	<	<	<	<	<
Chloroform	0.147	0.303	<	0.127	0.103	0.137	0.737 J	0.24 J	0.107	0.12	0.098	0.117	0.132	0.112	0.171	0.07 J
Carbon tetrachloride	0.472	0.465	<	0.44	0.428	0.484	0.51	0.478	0.434	0.459	0.453	0.447	0.447	0.465	0.497	0.447
Chloromethane	0.293 J	1.32	0.743 J	1.12	0.287 J	1.12	0.349 J	0.634 J	1.02	1.11	0.634	0.719	1.06	0.898	1.06	1.12
cis-1,2-Dichloroethene	<	<	<	0.052 J	<	<	<	0.056 J	<	<	<	<	<	0.507	<	<
Cyclohexane	0.31 J	<	36.5	<	1.29	<	3.58	2.4	<	<	<	<	<	<	<	<
Dichlorodifluoromethane	8.9	6.38	3.12	3.64	2.66	3.85	2.68	2.46	3.11	3.33	2.71	2.75	3.69	2.82	4.24	2.58
Ethanol	51.6	59.2	94.2	77.4	62.6	79	65.4	57	58.2	44.8	11.9 J	6.05 J	75.7	20.7	84	3.39 J
Ethylbenzene	1.64	0.087	1.61	0.078 J	1.52	0.07 J	1.48	1.060	0.057 J	0.074 J	<	<	0.065 J	0.07 J	0.065 J	<
Freon-113 (1,1,2-Trichlorotrifluoroetha	0.59	0.621	0.537 J	0.567	0.59	0.621	0.705	0.636	0.575	0.628	0.506	0.498	0.575	0.506	0.621	0.59
Freon-114 (1,2-Dichlorotetrafluoroetha	0.119 J	0.126 J	<	0.126 J	0.133 J	0.133 J	0.147 J	0.126 J	0.119 J	0.133 J	0.105 J	0.112 J	0.112 J	0.112 J	0.126 J	0.119 J
Heptane	1.15	0.197 J	18.2	<	2.01	0.143 J	2.53	1.7	<	<	<	<	0.143 J	0.143 J	0.131 J	<
Methylene chloride	0.486 J	0.532 J	<	0.504 J	0.382 J	0.504 J	<	0.497 J	0.476 J	0.611 J	0.389 J	0.393 J	0.5 J	0.542 J	0.528 J	0.486 J
n-Hexane	1.15	0.652 J	39.1	0.451 J	2.42	0.426 J	4.09 J	7.58 J	0.395 J	3.12 J	0.867 J	0.476 J	0.775	4.19	0.398 J	1.06
Naphthalene	0.341 J	< UJ	0.472 J	< UJ	0.121 J	0.11 J	< UJ	< UJ	< UJ	< UJ	<	<	< UJ	<	< UJ	< UJ
o-Xylene	1.84	0.122	1.85	0.087	1.76	0.083 J	1.72	1.32	0.065 J	0.135 J	0.061 J	0.057 J	0.087	0.126	0.083 J	0.057 J
p/m-Xylene	5.86	0.313	5.73	0.239	5.6	0.2	5.73	4.06	0.161 J	0.261	0.113 J	0.122 J	0.208	0.239	0.204	0.109 J
Styrene	0.643	0.068 J	0.605	0.064 J	0.835	0.06 J	0.839	0.68	0.043 J	0.1 J	<	<	0.072 J	0.047J	<	<
Tertiary butyl Alcohol	3.21	<	30.1	<	1.65	<	5.82	3.64	<	<	<	<	<	<	<	<
Tetrachloroethene	0.983	0.57	0.759	0.183	0.217	0.095 J	0.373	0.258	0.075 J	0.136 J	0.149	0.231	0.102 J	0.176	0.102 J	0.075 J
Toluene	11.7	0.384	12.2	0.317 J	11.1	0.32 J	10.5	7.31	0.279 J	0.437	0.245 J	0.211 J	0.335 J	0.399	0.328 J	0.234 J
trans-1,2-Dichloroethene	<	<	<	<	<	<	<	0.17	<	0.04 J	0.04 J	<	<	0.06 J	<	<
Trichloroethene	0.516	0.086 J	<	0.129	<	<	<	0.059 J	<	<	<	<	0.097 J	0.564	<	<
Trichlorofluoromethane	1.25	1.33	1.12	1.28	1.29	1.37	1.31	1.26	1.24	1.34	1.14	1.15	1.29		1.35	1.22

Notes:
Samples analyzed for Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-15
VOCs not detected above the laboratory's method detection limit in any of the samples are not included in this table
Concentrations reported in micrograms per cubic meter ($\mu g/m^3$)
"J" qualifiers indicate estimated concentrations
"UJ" qualifiers indicates a non-detect with an estimated reporting limit
"<" indicates the analyte was not detected above the laboratory method detection limit

Soil Vapor/Indoor Air Matrix A

May 2017

Analytes Assigned:
Trichloroethene (TCE), *cis*-1,2-Dichloroethene (*c*-1,2-DCE), 1,1-Dichloroethene (1,1-DCE), Carbon Tetrachloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

mcg/m^3 = micrograms per cubic meter

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix B

May 2017

Analytes Assigned:
Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA), Methylene Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

mcg/m^3 = micrograms per cubic meter

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:
Vinyl Chloride

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)	
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 0.2	0.2 and above
< 6	1. No further action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	9. MITIGATE

mcg/m^3 = micrograms per cubic meter

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix D

February 2024

Analytes Assigned:
Benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, *o*-xylene

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 2	2 to < 10	10 and above
< 60	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) or RESAMPLE or MITIGATE
60 to < 600	4. No further action	5. MONITOR	6. MITIGATE
600 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

mcg/m^3 = micrograms per cubic meter

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) or Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation, and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building -specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix E

February 2024

Analytes Assigned:
m-xylene, *p*-xylene, heptane, hexane

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 6	6 to < 20	20 and above
< 200	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) or RESAMPLE or MITIGATE
200 to < 2,000	4. No further action	5. MONITOR	6. MITIGATE
2,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

mcg/m^3 = micrograms per cubic meter

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) or Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation, and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building -specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

Soil Vapor/Indoor Air Matrix F

February 2024

Analytes Assigned:
Toluene

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)		
SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	< 10	10 to < 50	50 and above
< 300	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) or RESAMPLE or MITIGATE
300 to < 3,000	4. No further action	5. MONITOR	6. MITIGATE
3,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

mcg/m^3 = micrograms per cubic meter

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) or Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

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These general recommendations are made with consideration being given to the additional notes on page 2.

ATTACHMENT 1

Field Sampling Logs

LaBella
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AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: SS-1

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: east classroom

Sample Source: ____ Indoor Air X Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date:

Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify):

Canister Serial No.: ~~385~~ 3104

Flow Controller Serial No.: ~~03104~~ 02635

Time	Vacuum Reading (inHg)	Notes
1025	-26.67	
1124	-23.43	
1232	-20.50	
1432	-14.04	
1535	-11.56	
1630	-8.76	

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26

Sampler: A. Beres

Sample Height / Depth:

	Start	Stop
Canister Pressure Gauge Reading:	-29.03	-8.76
Sample Time:	9:30	1630

Comments: laminate 18" thick PID: 0.5
- two classrooms by divider
- bathroom exhaust
- no air circulation
- dry (moisture)
- odor

gun cleaning (clorox, hand soap, peroxide)

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-1

Project:	Tifft Nature Preserve	LaBella Project No.:	2234026.173
Site Location:	Buffalo, NY	LaBella Representative:	A. Beres
Client:	NYSDEC Callout: 153297	Weather:	

General Information

Sample Canister Location: SS-1

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas

____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 385 Flow Controller Serial No.: 03109

Time	Vacuum Reading (inHg)	Notes
1025	-27.38	
1130	-24.47	
1238	-21.93	
1432	-16.92	
1534	-14.35	
1630	-11.83	

Sampling Information

Sample Date: ~~1/24/26~~ 3/9/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.25	-11.32
Sample Time:	930	1645

Comments:

LaBella
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AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: SS-2

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: shared office

Sample Source: ____ Indoor Air ___X___ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister ___X___ 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 3110 Flow Controller Serial No.: 02479

Time	Vacuum Reading (inHg)	Notes
1022	-26.46	
1130	-23.35	
1229	-20.49	
1430	-14.68	
1532	-11.67	
1625	-9.25	

Sampling Information

Sample Date: ~~1/21/26~~ Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.27	-9.25
Sample Time:	9:28	1625

Comments:
- engineered bamboo 'floor'
- office space
- heating / AC

PID: 3.0

*gen cleaning type products

LaBella
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AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-2

Project:	Tifft Nature Preserve	LaBella Project No.:	2234026.173
Site Location:	Buffalo, NY	LaBella Representative:	A. Beres
Client:	NYSDEC Callout: 153297	Weather:	

General Information

Sample Canister Location: SS-2

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 557 Flow Controller Serial No.: 01561

Time	Vacuum Reading (inHg)	Notes
1022	-27.07	
1130	-23.70	
1229	-20.76	
1460	-14.85	
1532	-11.78	
1625	-9.31	

Sampling Information

Sample Date: 1/21/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.85	-9.31
Sample Time:	9:28	1625

Comments:

LaBella
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AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: SS-3

Project:	Tifft Nature Preserve	LaBella Project No.:	2234026.173
Site Location:	Buffalo, NY	LaBella Representative:	A. Beres
Client:	NYSDEC Callout: 153297	Weather:	

General Information

Sample Canister Location: storage room

Sample Source: ____ Indoor Air __X__ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister __X__ 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 478 Flow Controller Serial No.: 01673

Time	Vacuum Reading (inHg)	Notes
1020	-26.45	
1128	-22.91	
1228	-19.15	
1429	-13.40	
1531	-10.05	
1625	-7.47	

Sampling Information

Sample Date: ~~11/21/25~~ 3/9/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.25	-7.47
Sample Time:	9:20	1625

Comments:
- concrete slab
- heating duct

PID: 1.7

* kitchen
  - → washing machine
  - → exhaust fan
  - → detergent, dish soap

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-3

Project:	Tifft Nature Preserve	LaBella Project No.:	2234026.173
Site Location:	Buffalo, NY	LaBella Representative:	A. Beres
Client:	NYSDEC Callout: 153297	Weather:	

General Information

Sample Canister Location: IA-3 (SS-3)

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 3728 Flow Controller Serial No.: 01489

Time	Vacuum Reading (inHg)	Notes
1020	-26.98	
1128	-24.06	
1228	-21.54	
1429	-16.32	
1531	-13.51	
1625	-11.40	
1635	-10.80	

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.32	-10.80
Sample Time:	9:20	1635

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: SS-4

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: WEST CLASSROOM

Sample Source: ____ Indoor Air __X__ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister __X__ 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 137 Flow Controller Serial No.: 01712

Time	Vacuum Reading (inHg)	Notes
1018	-26.15	
1127	-22.94	
1227	-20.13	
1928	-14.43	
1530	-11.42	
1620	-9.15	

Sampling Information

Sample Date: ~~1/21/26~~ 3/9 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.07	-9.15
Sample Time:	9:15	1620

Comments:
- engineered bamboo 12"
- air ducts
- door
- front AC

PID = 0.9

+ gen cleaning/AC products

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: SS-DUP

Project:	Tifft Nature Preserve	LaBella Project No.:	2234026.173
Site Location:	Buffalo, NY	LaBella Representative:	A. Beres
Client:	NYSDEC Callout: 153297	Weather:	

General Information

Sample Canister Location: DUP SS-9

Sample Source: ____ Indoor Air ____X____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister ____X____ 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 203 Flow Controller Serial No.: 01942

Time	Vacuum Reading (inHg)	Notes
1019	-26.58	
1127	-23.40	
1227	-20.66	
1428	-15.09	
1530	-12.17	
1620	-9.87	

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.44	-9.87
Sample Time:	9:15	1620

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-4

Project:	Tifft Nature Preserve	LaBella Project No.:	2234026.173
Site Location:	Buffalo, NY	LaBella Representative:	A. Beres
Client:	NYSDEC Callout: 153297	Weather:	

General Information

Sample Canister Location: West Classroom

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas

____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 2517 Flow Controller Serial No.: 02957

Time	Vacuum Reading (inHg)	Notes
1015	-24.73	
1127	-23.37	
1227	-20.32	
1420	-14.29	
1530	-11.08	
1620	-8.66	

Sampling Information

Sample Date: ~~1/21/26~~ 3/4/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.87	-8.66
Sample Time:	9:15	1620

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-DUP

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: DUP IA-4

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 2190 Flow Controller Serial No.: 02264

Time	Vacuum Reading (inHg)	Notes
1018	-26.13	
1137	-22.64	
1237	-19.98	
1428	-14.25	
1530	-11.25	
1620	-9.05	

Sampling Information

Sample Date: ~~1/21/26~~ 5/9 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.15	-9.05
Sample Time:	9:15	1620

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: CS-1

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: Data closet

Sample Source: ____ Indoor Air __X__ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____

Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister __X__ 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 3420

Flow Controller Serial No.: 03801

Time	Vacuum Reading (inHg)	Notes

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26

Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-28.85	-9.14
Sample Time:	9:35	1627

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: CS-DUP

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: CS-1

Sample Source: ___ Indoor Air X Sub-Slab ___ Exterior Ambient Air ___ Exterior Soil Gas ___ Other

Shipping Date: ___ Laboratory: Alpha/Pace

Canister Type: ___ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ___

Canister Serial No.: 104 Flow Controller Serial No.: 02824

Time	Vacuum Reading (inHg)	Notes

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26 Sampler: A. Beres

Sample Height / Depth: ___

	Start	Stop
Canister Pressure Gauge Reading:	-29.24	-8.98
Sample Time:	9:35	1627

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-CS-1

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: Data Closet

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 2346 Flow Controller Serial No.: 0823

Time	Vacuum Reading (inHg)	Notes
1023	-27.35	
1131	-20.03	
1260	-18.04	
1430	-13.76	
1533	-11.12	
1627	-8.84	

Sampling Information

Sample Date: 1/21/26 3/9/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-27.35	-8.84
Sample Time:	9:35	1627

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: CS-2

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: Storage

Sample Source: ____ Indoor Air ____4____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____

Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister ____X____ 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 2384

Flow Controller Serial No.: 03254

Time	Vacuum Reading (inHg)	Notes

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26

Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-28.62	-9.40
Sample Time:	~~9:45~~	1630

Comments:

LaBella
Powered by partnership

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: IA-CS-2

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: CS-2

Sample Source: X Indoor Air ____ Sub-Slab ____ Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: ____ Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify): ____

Canister Serial No.: 3210 Flow Controller Serial No.: 02936

Time	Vacuum Reading (inHg)	Notes
1024	-27.34	
1130	-24.11	
1230	-21.21	
1430	-15.48	
1533	-12.48	
1630	-9.78	

Sampling Information

Sample Date: ~~1/21/26~~ 3/9/26 Sampler: A. Beres

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29.34	-9.78
Sample Time:	9:45	1630

Comments:

LaBella
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AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT: OA-1

Project: Tifft Nature Preserve
Site Location: Buffalo, NY
Client: NYSDEC Callout: 153297

LaBella Project No.: 2234026.173
LaBella Representative: A. Beres
Weather:

General Information

Sample Canister Location: outside east classroom

Sample Source: ____ Indoor Air ____ Sub-Slab X Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date:

Laboratory: Alpha/Pace

Canister Type: ____ 1.0 L Summa Canister X 2.7 L Summa Canister Other (specify):

Canister Serial No.: 193

Flow Controller Serial No.: 02911

Time	Vacuum Reading (inHg)	Notes
1025	-27.36	
1135	-24.05	
1235	-21.43	
1435	-15.78	
1535	-12.01	
1635	-10.25	

Sampling Information

Sample Date: ~~1/21/26~~ 3/4/26

Sampler: A. Beres

Sample Height / Depth:

	Start	Stop
Canister Pressure Gauge Reading:	-29.23	-10.25
Sample Time:	9:30	1635

Comments:

ATTACHMENT 2

Laboratory Analytical Report

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STD0.05 Injected on: 01/07/26 21:31 866
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STD1.0 Injected on: 01/07/26 23:50 987
STD5.0 Injected on: 01/08/26 00:23 1002
STD010 Injected on: 01/08/26 00:59 1039
STD020 Injected on: 01/08/26 01:32 1052
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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 : L2612589

Account Name : NYDEC_Labella Associates
Project Number : CO 153307/S 2503891
Project Name : TIFFT NATURE PRESERVE

Received : 10-MAR-2026
Reviewer : Isabel Quintus-Bosz

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Present/Intact/N/A			

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
Mar 30 2026, 07:46 pm

Login Number: L2612589
Account: NYDEC-LABELLA-BALL NYDEC_Labella AssociatesProject: CO 153307/S 2503891
Received: 10MAR26 Due Date: 24MAR26

Sample #	Client ID	Mat	PR	Collected
L2612589-01	SS-4	11	S0	09MAR26 16:20
report to MDL ASP-B Package Due Date: 03/24/26				
ASP-B,CAN-RENT,CPI-INDEX,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-02	IA-4	10	S0	09MAR26 16:20
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-03	SS-DUP	11	S0	09MAR26 16:20
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-04	IA-DUP	10	S0	09MAR26 16:20
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-05	SS-3	11	S0	09MAR26 16:25
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-06	IA-3	10	S0	09MAR26 16:35
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-07	SS-2	11	S0	09MAR26 16:25
report to MDL Package Due Date: 03/24/26				

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 30 2026, 07:46 pm

Login Number: L2612589

Account: NYDEC-LABELLA-BALL NYDEC_Labella AssociatesProject: CO 153307/S 2503891

Received: 10MAR26 Due Date: 24MAR26

Sample #	Client ID	Mat	PR	Collected
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			
L2612589-08	IA-2	10	S0	09MAR26 16:25
	report to MDL Package Due Date: 03/24/26			
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			
L2612589-09	SS-1	11	S0	09MAR26 16:30
	report to MDL Package Due Date: 03/24/26			
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			
L2612589-10	IA-1	10	S0	09MAR26 16:45
	report to MDL Package Due Date: 03/24/26			
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			
L2612589-11	CS-1	11	S0	09MAR26 16:27
	report to MDL Package Due Date: 03/24/26			
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			
L2612589-12	CS-DUP	11	S0	09MAR26 16:27
	report to MDL Package Due Date: 03/24/26			
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			
L2612589-13	IA-CS-1	10	S0	09MAR26 16:27
	report to MDL Package Due Date: 03/24/26			
	CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM			

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Mar 30 2026, 07:46 pm

Login Number: L2612589

Account: NYDEC-LABELLA-BALL NYDEC_Labella Associates Project: CO 153307/S 2503891

Received: 10MAR26 Due Date: 24MAR26

Sample #	Client ID	Mat	PR	Collected
L2612589-14	CS-2	11	S0	09MAR26 16:30
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-15	IA-CS-2	10	S0	09MAR26 16:30
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				
L2612589-16	OA-1	10	S0	09MAR26 16:35
report to MDL Package Due Date: 03/24/26				
CAN-RENT,FLOW-RENT,NYDEC-TO15-SIM				

Logged By: Jennifer Jerome

AIR ANALYSIS

PAGE 1 OF 2

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: 03/11/26

Pace® Job #: L2612589

Client Information

Client: LaBella
Address: 300 Pearl St. Buffalo, NY 14202
Phone: 716 551 6281
Fax:
Email: scampana@labellapc.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: TIAA Nature Preserve DEC Callout 153297
Project Location: Buffalo, NY
Project #: 223026.173
Project Manager: Craig Taylor (DEC) Stephen Campana (LaBella)
Pace® Quote #:

Turn-Around Time

☐ Standard ☑ RUSH (only confirmed if pre-approved!)
Date Due: 10 DAY TAT 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)
craig.taylor@dec.ny.gov
scampana@labellapc.com

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 HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
12589-01	SS-4	3/9/26	9:15	16:20	-29.07	-9.15	SV	AB/AF	2.7	137	01712	X					
-02	1A-4	3/9/26	9:15	16:20	-29.87	~~-4.87~~ -8.26	AA	AB/AF	2.7	2517	02957	X					
-03	SS-DUP	3/9/26	9:15	16:20	-29.19	-9.87	SV	AB/AF	2.7	203	01942	X					
-04	1A-DUP	3/9/26	9:15	16:20	-29.15	-9.05	AA	AB/AF	2.7	2190	02269	X					
-05	SS-3	3/9/26	9:20	16:25	-29.25	-7.47	SV	AB/AF	2.7	478	01673	X					
-06	1A-3	3/9/26	9:20	16:35	-29.32	-10.80	AA	AB/AF	2.7	3728	01489	X					
-07	SS-2	3/9/26	9:25	16:25	-29.27	-9.25	SV	AB/AF	2.7	3110	02479	X					
-08	1A-2	3/9/26	9:25	16:25	-29.85	-9.31	AA	AB/AF	2.7	557	01561	X					
-09	SS-1	3/9/26	9:30	16:30	-29.03	-8.76	SV	AB/AF	2.7	3104	02635	X					
-10	1A-1	3/9/26	9:30	16:45	-29.25	-11.32	AA	AB/AF	2.7	585	03109	X					

*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:
Abigail Beres	3/9/26 17:15	Charles C Pace	3-10-26 8:11am
Charles C Pace	3-10-26 8:15	Buffalo SF	3-10-26 8:15
Russell B Bixby	3-10-26 5:11		3/10 22145
	3/11 02:45	AL 3-11-26 0400	AL 3-11-26 0510

03/11/26 0510

AIR ANALYSIS

PAGE 2 OF 2

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: 03/11/26

Pace® Job #: L2612589

Client Information

Client: LaBella
Address: 300 Pearl St. Buffalo, NY 14202
Phone: 716 551 6281
Fax:
Email: slampana@labellapc.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tifft Nature Preserve DEC Cellout 1552077
Project Location: Buffalo, NY
Project #: 22340026.173
Project Manager: Craig Taylor (DEC) Stephen Campana (LaBella)
Pace® Quote #:

Turn-Around Time

☐ Standard ☑ RUSH (only confirmed if pre-approved!)
Date Due: 10 day TAT 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)
craig.taylor@dec.ny.gov
slampana@labellapc.com

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 (Subtract Non-petroleum HCs)	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
-11	CS-1	3/9/26	9:35	16:27	-28.85	-9.14	SV	AB/AF	2.7	3420	02801	Y						
-12	CS-DUP	3/9/26	9:35	16:27	-29.29	-8.98	SV	AB/AF	2.7	104	02821	X						
-13	IA-CS-1	3/9/26	9:35	16:27	-27.30	-8.84	AA	AB/AF	2.7	2346	0823	X						
-14	CS-2	3/9/26	9:40	16:30	-28.60	-9.60	SV	AB/AF	2.7	3384	03254	Y						
-15	IA-CS-2	3/9/26	9:40	16:30	-29.34	-9.78	AA	AB/AF	2.7	3210	02936	Y						
-16	OA-1	3/9/26	9:30	16:35	-29.23	-10.25	AA	AB/AF	2.7	193	02911	X						

*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:
Abigail Beres	3/9/26 17:15	Charles O Pace	3-10-26 8:11
Charles O Pace	3-10-26 8:12	Buffalo SC	3-10-26 8:15
Russell B Bixby	3-10-26 15:18		3/10 2245
	3/11 0245	AL 3-11-260400	AL 3-11-26 0510

Form No. 101 (Rev. 15-Sep-15)

050 03/11/26

Supporting Documentation

Organics

GC/MS VOA
Air Analysis
Selective Ion Monitoring

Volatiles QC Summary

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Client Sample ID	: IA-2	Matrix (Level)	: AIR (LOW)
Lab Sample ID	: L2612589-08	Analysis Date	: 03/28/26 06:25
Lab File ID	: R1755142_EV2	DUP File ID	: r1755143_Ev2
Dup Sample ID	: WG2190695-5	DUP Analysis Date	: 03/28/26 07:03

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Dichlorodifluoromethane	0.736	0.723	2	25
Chloromethane	0.544	0.535	2	25
Freon-114	0.018J	0.018J	NC	25
Vinyl chloride	ND	ND	NC	25
Bromomethane	ND	ND	NC	25
Chloroethane	ND	ND	NC	25
Ethanol	41.1	41.9	2	25
Trichlorofluoromethane	0.228	0.222	3	25
1,1-Dichloroethene	ND	ND	NC	25
Tert-Butyl Alcohol	ND	ND	NC	25
Methylene chloride	0.145J	0.142J	NC	25
Freon-113	0.074	0.074	0	25
trans-1,2-Dichloroethene	ND	ND	NC	25
1,1-Dichloroethane	ND	ND	NC	25
Methyl tert butyl ether	ND	ND	NC	25
2-Butanone	0.224J	0.226J	NC	25
cis-1,2-Dichloroethene	0.013J	0.014J	NC	25
Chloroform	0.026	0.027	4	25
1,2-Dichloroethane	0.035	0.037	6	25
n-Hexane	0.128J	0.124J	NC	25
1,1,1-Trichloroethane	ND	ND	NC	25
Benzene	0.078J	0.076J	NC	25
Carbon tetrachloride	0.070	0.066	6	25
Cyclohexane	ND	ND	NC	25
1,2-Dichloropropane	0.037	0.034	8	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Client Sample ID	: IA-2	Matrix (Level)	: AIR (LOW)
Lab Sample ID	: L2612589-08	Analysis Date	: 03/28/26 06:25
Lab File ID	: R1755142_EV2	DUP File ID	: r1755143_Ev2
Dup Sample ID	: WG2190695-5	DUP Analysis Date	: 03/28/26 07:03

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Bromodichloromethane	ND	ND	NC	25
1,4-Dioxane	ND	ND	NC	25
Trichloroethene	0.024	0.024	0	25
2,2,4-Trimethylpentane	ND	ND	NC	25
Heptane	ND	ND	NC	25
cis-1,3-Dichloropropene	ND	ND	NC	25
4-Methyl-2-pentanone	ND	ND	NC	25
trans-1,3-Dichloropropene	ND	ND	NC	25
1,1,2-Trichloroethane	ND	ND	NC	25
Toluene	0.084J	0.080J	NC	25
Dibromochloromethane	ND	ND	NC	25
1,2-Dibromoethane	ND	ND	NC	25
Tetrachloroethene	0.027	0.025	8	25
Chlorobenzene	ND	ND	NC	25
Ethylbenzene	0.018J	0.017J	NC	25
p/m-Xylene	0.055	0.053	4	25
Bromoform	ND	ND	NC	25
Styrene	0.015J	0.013J	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	NC	25
o-Xylene	0.020	0.019J	NC	25
1,3,5-Trimethylbenzene	ND	ND	NC	25
1,2,4-Trimethylbenzene	0.022	0.023	4	25
Benzyl chloride	ND	ND	NC	25
1,3-Dichlorobenzene	ND	ND	NC	25
1,4-Dichlorobenzene	ND	ND	NC	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Client Sample ID	: IA-2	**Matrix (Level)**	: AIR (LOW)
Lab Sample ID	: L2612589-08	**Analysis Date**	: 03/28/26 06:25
Lab File ID	: R1755142_EV2	**DUP File ID**	: r1755143_Ev2
Dup Sample ID	: WG2190695-5	**DUP Analysis Date**	: 03/28/26 07:03

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
1,2-Dichlorobenzene	ND	ND	NC	25
1,2,4-Trichlorobenzene	ND	ND	NC	25
Naphthalene	ND	ND	NC	25
Hexachlorobutadiene	ND	ND	NC	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2190695-3 **Analysis Date** : 03/27/26 14:26	**File ID**	: r1755128_Ev2
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	5	4.58	92				-	70-130	25
Chloromethane	5	3.96	79				-	70-130	25
Freon-114	5	4.50	90				-	70-130	25
Vinyl chloride	5	3.88	78				-	70-130	25
Bromomethane	5	4.51	90				-	70-130	25
Chloroethane	5	3.85	77				-	70-130	25
Ethanol	25	18.0	72				-	40-160	25
Trichlorofluoromethane	5	4.66	93				-	70-130	25
1,1-Dichloroethene	5	4.33	87				-	70-130	25
Tert-Butyl Alcohol	5	3.76	75				-	70-130	25
Methylene chloride	5	4.71	94				-	70-130	25
Freon-113	5	4.87	97				-	70-130	25
trans-1,2-Dichloroethene	5	4.45	89				-	70-130	25
1,1-Dichloroethane	5	4.26	85				-	70-130	25
Methyl tert butyl ether	5	4.81	96				-	70-130	25
2-Butanone	5	4.65	93				-	70-130	25
cis-1,2-Dichloroethene	5	4.16	83				-	70-130	25
Chloroform	5	4.67	93				-	70-130	25
1,2-Dichloroethane	5	4.24	85				-	70-130	25
n-Hexane	5	3.93	79				-	70-130	25
1,1,1-Trichloroethane	5	3.94	79				-	70-130	25
Benzene	5	4.33	87				-	70-130	25
Carbon tetrachloride	5	4.66	93				-	70-130	25
Cyclohexane	5	4.06	81				-	70-130	25
1,2-Dichloropropane	5	3.84	77				-	70-130	25
Bromodichloromethane	5	4.70	94				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2190695-3 **Analysis Date** : 03/27/26 14:26	**File ID**	: r1755128_Ev2
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
1,4-Dioxane	5	4.71	94				-	70-130	25
Trichloroethene	5	4.32	86				-	70-130	25
2,2,4-Trimethylpentane	5	4.14	83				-	70-130	25
Heptane	5	4.42	88				-	70-130	25
cis-1,3-Dichloropropene	5	5.36	107				-	70-130	25
4-Methyl-2-pentanone	5	4.25	85				-	70-130	25
trans-1,3-Dichloropropene	5	5.78	116				-	70-130	25
1,1,2-Trichloroethane	5	4.25	85				-	70-130	25
Toluene	5	4.81	96				-	70-130	25
Dibromochloromethane	5	5.66	113				-	70-130	25
1,2-Dibromoethane	5	5.77	115				-	70-130	25
Tetrachloroethene	5	5.37	107				-	70-130	25
Chlorobenzene	5	5.26	105				-	70-130	25
Ethylbenzene	5	4.76	95				-	70-130	25
p/m-Xylene	10	9.95	100				-	70-130	25
Bromoform	5	6.33	127				-	70-130	25
Styrene	5	5.86	117				-	70-130	25
1,1,2,2-Tetrachloroethane	5	5.14	103				-	70-130	25
o-Xylene	5	4.87	97				-	70-130	25
1,3,5-Trimethylbenzene	5	5.66	113				-	70-130	25
1,2,4-Trimethylbenzene	5	5.64	113				-	70-130	25
Benzyl chloride	5	3.95	79				-	70-130	25
1,3-Dichlorobenzene	5	5.70	114				-	70-130	25
1,4-Dichlorobenzene	5	5.51	110				-	70-130	25
1,2-Dichlorobenzene	5	5.00	100				-	70-130	25
1,2,4-Trichlorobenzene	5	4.62	92				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates			**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE			**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2190695-3	**Analysis Date**	: 03/27/26 14:26	**File ID**	: r1755128_Ev2
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**
Naphthalene	5	3.50	70				-	70-130	25
Hexachlorobutadiene	5	4.69	94				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2190907-3 **Analysis Date** : 03/28/26 15:30	**File ID**	: R269467
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	5	5.24	105				-	70-130	25
Chloromethane	5	5.41	108				-	70-130	25
Freon-114	5	5.25	105				-	70-130	25
Vinyl chloride	5	5.28	106				-	70-130	25
Bromomethane	5	5.32	106				-	70-130	25
Chloroethane	5	5.23	105				-	70-130	25
Ethanol	25	24.3	97				-	40-160	25
Trichlorofluoromethane	5	5.07	101				-	70-130	25
1,1-Dichloroethene	5	5.27	105				-	70-130	25
Tert-Butyl Alcohol	5	4.80	96				-	70-130	25
Methylene chloride	5	5.92	118				-	70-130	25
Freon-113	5	5.02	100				-	70-130	25
trans-1,2-Dichloroethene	5	5.26	105				-	70-130	25
1,1-Dichloroethane	5	5.07	101				-	70-130	25
Methyl tert butyl ether	5	5.02	100				-	70-130	25
2-Butanone	5	5.42	108				-	70-130	25
cis-1,2-Dichloroethene	5	4.50	90				-	70-130	25
Chloroform	5	4.65	93				-	70-130	25
1,2-Dichloroethane	5	4.53	91				-	70-130	25
n-Hexane	5	5.06	101				-	70-130	25
1,1,1-Trichloroethane	5	4.78	96				-	70-130	25
Benzene	5	4.87	97				-	70-130	25
Carbon tetrachloride	5	4.96	99				-	70-130	25
Cyclohexane	5	5.15	103				-	70-130	25
1,2-Dichloropropane	5	4.87	97				-	70-130	25
Bromodichloromethane	5	5.27	105				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2190907-3 **Analysis Date** : 03/28/26 15:30	**File ID**	: R269467
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
1,4-Dioxane	5	5.41	108				-	70-130	25
Trichloroethene	5	4.49	90				-	70-130	25
2,2,4-Trimethylpentane	5	5.59	112				-	70-130	25
Heptane	5	5.40	108				-	70-130	25
cis-1,3-Dichloropropene	5	5.67	113				-	70-130	25
4-Methyl-2-pentanone	5	5.40	108				-	70-130	25
trans-1,3-Dichloropropene	5	5.60	112				-	70-130	25
1,1,2-Trichloroethane	5	4.74	95				-	70-130	25
Toluene	5	4.78	96				-	70-130	25
Dibromochloromethane	5	5.16	103				-	70-130	25
1,2-Dibromoethane	5	4.74	95				-	70-130	25
Tetrachloroethene	5	4.42	88				-	70-130	25
Chlorobenzene	5	4.52	90				-	70-130	25
Ethylbenzene	5	4.54	91				-	70-130	25
p/m-Xylene	10	9.40	94				-	70-130	25
Bromoform	5	5.26	105				-	70-130	25
Styrene	5	4.80	96				-	70-130	25
1,1,2,2-Tetrachloroethane	5	4.64	93				-	70-130	25
o-Xylene	5	4.58	92				-	70-130	25
1,3,5-Trimethylbenzene	5	4.77	95				-	70-130	25
1,2,4-Trimethylbenzene	5	4.85	97				-	70-130	25
Benzyl chloride	5	4.16	83				-	70-130	25
1,3-Dichlorobenzene	5	4.49	90				-	70-130	25
1,4-Dichlorobenzene	5	4.36	87				-	70-130	25
1,2-Dichlorobenzene	5	4.31	86				-	70-130	25
1,2,4-Trichlorobenzene	5	4.07	81				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2190907-3 **Analysis Date** : 03/28/26 15:30	**File ID**	: R269467
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**
Naphthalene	5	3.56	71				-	70-130	25
Hexachlorobutadiene	5	4.60	92				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2191136-3 **Analysis Date** : 03/29/26 11:10	**File ID**	: r1560051_Ev2
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	5	4.96	99				-	70-130	25
Chloromethane	5	4.82	96				-	70-130	25
Freon-114	5	5.06	101				-	70-130	25
Vinyl chloride	5	5.26	105				-	70-130	25
Bromomethane	5	5.70	114				-	70-130	25
Chloroethane	5	5.29	106				-	70-130	25
Ethanol	25	24.4	98				-	40-160	25
Trichlorofluoromethane	5	4.87	97				-	70-130	25
1,1-Dichloroethene	5	5.33	107				-	70-130	25
Tert-Butyl Alcohol	5	4.67	93				-	70-130	25
Methylene chloride	5	5.28	106				-	70-130	25
Freon-113	5	5.07	101				-	70-130	25
trans-1,2-Dichloroethene	5	5.56	111				-	70-130	25
1,1-Dichloroethane	5	5.07	101				-	70-130	25
Methyl tert butyl ether	5	5.88	118				-	70-130	25
2-Butanone	5	5.29	106				-	70-130	25
cis-1,2-Dichloroethene	5	5.23	105				-	70-130	25
Chloroform	5	5.10	102				-	70-130	25
1,2-Dichloroethane	5	5.12	102				-	70-130	25
n-Hexane	5	5.56	111				-	70-130	25
1,1,1-Trichloroethane	5	5.01	100				-	70-130	25
Benzene	5	5.11	102				-	70-130	25
Carbon tetrachloride	5	5.43	109				-	70-130	25
Cyclohexane	5	5.63	113				-	70-130	25
1,2-Dichloropropane	5	5.06	101				-	70-130	25
Bromodichloromethane	5	5.78	116				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates			**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE			**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2191136-3	**Analysis Date**	: 03/29/26 11:10	**File ID**	: r1560051_Ev2
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**
1,4-Dioxane	5	5.97	119				-	70-130	25
Trichloroethene	5	5.16	103				-	70-130	25
2,2,4-Trimethylpentane	5	5.86	117				-	70-130	25
Heptane	5	5.87	117				-	70-130	25
cis-1,3-Dichloropropene	5	6.66	133 Q				-	70-130	25
4-Methyl-2-pentanone	5	5.96	119				-	70-130	25
trans-1,3-Dichloropropene	5	6.95	139 Q				-	70-130	25
1,1,2-Trichloroethane	5	5.12	102				-	70-130	25
Toluene	5	5.50	110				-	70-130	25
Dibromochloromethane	5	6.13	123				-	70-130	25
1,2-Dibromoethane	5	5.91	118				-	70-130	25
Tetrachloroethene	5	5.29	106				-	70-130	25
Chlorobenzene	5	5.34	107				-	70-130	25
Ethylbenzene	5	5.63	113				-	70-130	25
p/m-Xylene	10	11.5	115				-	70-130	25
Bromoform	5	5.93	119				-	70-130	25
Styrene	5	6.06	121				-	70-130	25
1,1,2,2-Tetrachloroethane	5	5.69	114				-	70-130	25
o-Xylene	5	5.76	115				-	70-130	25
1,3,5-Trimethylbenzene	5	6.05	121				-	70-130	25
1,2,4-Trimethylbenzene	5	6.33	127				-	70-130	25
Benzyl chloride	5	5.11	102				-	70-130	25
1,3-Dichlorobenzene	5	5.97	119				-	70-130	25
1,4-Dichlorobenzene	5	5.93	119				-	70-130	25
1,2-Dichlorobenzene	5	5.76	115				-	70-130	25
1,2,4-Trichlorobenzene	5	6.83	137 Q				-	70-130	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: NYDEC_Labella Associates			**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE			**Project Number**	: CO 153307/S 2503891
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2191136-3	**Analysis Date**	: 03/29/26 11:10	**File ID**	: r1560051_Ev2
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**
Naphthalene	5	5.94	119				-	70-130	25
Hexachlorobutadiene	5	6.15	123				-	70-130	25

Method Blank Summary
Form 4
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab Sample ID	: WG2190695-4	**Lab File ID**	: r1755130_Ev2
Instrument ID	: AIRLAB17		
Matrix	: AIR	**Analysis Date**	: 03/27/26 23:03

Client Sample No.	Lab Sample ID	Analysis Date
WG2190695-3LCS	WG2190695-3	03/27/26 14:26
OA-1	L2612589-16	03/28/26 03:52
IA-4	L2612589-02	03/28/26 04:30
IA-DUP	L2612589-04	03/28/26 05:08
IA-3	L2612589-06	03/28/26 05:47
IA-2	L2612589-08	03/28/26 06:25
IA-2DUP	WG2190695-5	03/28/26 07:03
IA-1	L2612589-10	03/28/26 07:41
IA-CS-1	L2612589-13	03/28/26 08:19
IA-CS-2	L2612589-15	03/28/26 08:57
SS-4	L2612589-01	03/28/26 09:35
SS-DUP	L2612589-03	03/28/26 10:13
SS-3	L2612589-05	03/28/26 10:50
SS-1	L2612589-09	03/28/26 12:03

Method Blank Summary
Form 4
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab Sample ID	: WG2190907-4	**Lab File ID**	: R269469
Instrument ID	: AIRLAB26		
Matrix	: AIR	**Analysis Date**	: 03/28/26 19:11

Client Sample No.	Lab Sample ID	Analysis Date
WG2190907-3LCS	WG2190907-3	03/28/26 15:30
P12-IA-R2DUP	WG2190907-5	03/28/26 22:47
CS-1	L2612589-11	03/28/26 23:18
CS-DUP	L2612589-12	03/28/26 23:52
CS-2	L2612589-14	03/29/26 00:24

Method Blank Summary
Form 4
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab Sample ID	: WG2191136-4	**Lab File ID**	: r1560053_Ev2
Instrument ID	: AIRLAB15		
Matrix	: AIR	**Analysis Date**	: 03/29/26 17:00

Client Sample No.	Lab Sample ID	Analysis Date
WG2191136-3LCS	WG2191136-3	03/29/26 11:10
SS-2	L2612589-07D	03/29/26 23:16
SV-3DUP	WG2191136-5D	03/30/26 04:08

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB26	**Analysis Date**	: 01/07/26 20:31
Tune Standard	: WG2163147-1	**Tune File ID**	: R267623_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14
75	30.0 - 66.0% of mass 95	41.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0 (0)1
174	50.0 - 120.0% of mass 95	80.9
175	4.0 - 9.0% of mass 174	6.1 (7.5)1
176	93.0 - 101% of mass 174	77 (95.3)1
177	5.0 - 9.0% of mass 176	5 (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
STD0.02	R2056558-1	R267624	01/07/26 21:01
STD0.05	R2056558-2	R267625	01/07/26 21:31
STD0.1	R2056558-3	R267626	01/07/26 22:04
STD0.2	R2056558-4	R267627	01/07/26 22:38
STD0.5	R2056558-5	R267628	01/07/26 23:13
STD1.0	R2056558-6	R267629	01/07/26 23:50
STD5.0	R2056558-7	R267630	01/08/26 00:23
STD010	R2056558-8	R267631	01/08/26 00:59
STD020	R2056558-9	R267632	01/08/26 01:32
STD050	R2056558-10	R267633	01/08/26 02:05
ICV Quant	R2056558-11	R267638	01/08/26 11:44

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB26	**Analysis Date**	: 03/28/26 12:08
Tune Standard	: WG2190907-1	**Tune File ID**	: R269464_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	16.2
75	30.0 - 66.0% of mass 95	45.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.2 (.3)1
174	50.0 - 120.0% of mass 95	77.7
175	4.0 - 9.0% of mass 174	5.7 (7.4)1
176	93.0 - 101% of mass 174	73.9 (95.2)1
177	5.0 - 9.0% of mass 176	4.8 (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
WG2190907-2CCAL	WG2190907-2	R269467	03/28/26 15:30
WG2190907-3LCS	WG2190907-3	R269467	03/28/26 15:30
WG2190907-4BLANK	WG2190907-4	R269469	03/28/26 19:11
WG2190907-5DUP	WG2190907-5	R269476	03/28/26 22:47
CS-1	L2612589-11	R269477	03/28/26 23:18
CS-DUP	L2612589-12	R269478	03/28/26 23:52
CS-2	L2612589-14	R269479	03/29/26 00:24

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB17	**Analysis Date**	: 03/05/26 06:13
Tune Standard	: WG2181934-1	**Tune File ID**	: r1754536_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	13
75	30.0 - 66.0% of mass 95	33.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.4 (.6)1
174	50.0 - 120.0% of mass 95	65.7
175	4.0 - 9.0% of mass 174	4.5 (6.9)1
176	93.0 - 101% of mass 174	63.7 (97.1)1
177	5.0 - 9.0% of mass 176	4.2 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.02	R2074054-1	R1754537_EV2	03/05/26 06:48
STD0.05	R2074054-2	R1754538_EV2	03/05/26 07:23
STD0.1	R2074054-4	R1754539_EV2	03/05/26 08:01
STD0.2	R2074054-3	R1754540_EV2	03/05/26 08:38
STD0.5	R2074054-5	R1754541_EV2	03/05/26 09:17
STD1.0	R2074054-6	R1754542_EV2	03/05/26 09:57
STD5.0	R2074054-7	R1754543_EV2	03/05/26 10:35
STD010	R2074054-8	R1754544_EV2	03/05/26 11:16
STD020	R2074054-9	R1754545_EV2	03/05/26 11:53
STD050	R2074054-10	R1754546_EV2	03/05/26 12:31
ICV Quant Report	R2074054-11	R1754553_EV2	03/05/26 17:47

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB17	**Analysis Date**	: 03/27/26 12:29
Tune Standard	: WG2190695-1	**Tune File ID**	: r1755125_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	12.2
75	30.0 - 66.0% of mass 95	34.9
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	0.5 (.7)1
174	50.0 - 120.0% of mass 95	69.4
175	4.0 - 9.0% of mass 174	5 (7.1)1
176	93.0 - 101% of mass 174	68.4 (98.6)1
177	5.0 - 9.0% of mass 176	4.3 (6.3)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
WG2190695-2CCAL	WG2190695-2	R1755128_EV2	03/27/26 14:26
WG2190695-3LCS	WG2190695-3	R1755128_EV2	03/27/26 14:26
WG2190695-4BLANK	WG2190695-4	R1755130_EV2	03/27/26 23:03
OA-1	L2612589-16	R1755138_EV2	03/28/26 03:52
IA-4	L2612589-02	R1755139_EV2	03/28/26 04:30
IA-DUP	L2612589-04	R1755140_EV2	03/28/26 05:08
IA-3	L2612589-06	R1755141_EV2	03/28/26 05:47
IA-2	L2612589-08	R1755142_EV2	03/28/26 06:25
WG2190695-5DUP	WG2190695-5	R1755143_EV2	03/28/26 07:03
IA-1	L2612589-10	R1755144_EV2	03/28/26 07:41
IA-CS-1	L2612589-13	R1755145_EV2	03/28/26 08:19
IA-CS-2	L2612589-15	R1755146_EV2	03/28/26 08:57
SS-4	L2612589-01	R1755147_EV2	03/28/26 09:35
SS-DUP	L2612589-03	R1755148_EV2	03/28/26 10:13
SS-3	L2612589-05	R1755149_EV2	03/28/26 10:50
SS-1	L2612589-09	R1755151_EV2	03/28/26 12:03

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB15	**Analysis Date**	: 03/20/26 17:10
Tune Standard	: WG2188474-1	**Tune File ID**	: r1559846_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	16.1
75	30.0 - 66.0% of mass 95	39.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.4 (.6)1
174	50.0 - 120.0% of mass 95	67.4
175	4.0 - 9.0% of mass 174	4.6 (6.9)1
176	93.0 - 101% of mass 174	66.2 (98.2)1
177	5.0 - 9.0% of mass 176	4.2 (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	R2080176-1	R1559847_EV2	03/20/26 17:45
STD0.05	R2080176-2	R1559848_EV2	03/20/26 18:21
STD0.1	R2080176-3	R1559849_EV2	03/20/26 18:59
STD0.2	R2080176-4	R1559850_EV2	03/20/26 19:37
STD0.5	R2080176-5	R1559851_EV2	03/20/26 20:15
STD1.0	R2080176-7	R1559852_EV2	03/20/26 20:56
STD5.0	R2080176-6	R1559853_EV2	03/20/26 21:36
STD010	R2080176-8	R1559854_EV2	03/20/26 22:18
STD020	R2080176-9	R1559855_EV2	03/20/26 22:55
STD050	R2080176-10	R1559856_EV2	03/20/26 23:34
ICV Quant Report	R2080176-11	R1559861_EV2	03/21/26 13:23

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB15	**Analysis Date**	: 03/29/26 08:29
Tune Standard	: WG2191136-1	**Tune File ID**	: r1560047_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	17
75	30.0 - 66.0% of mass 95	41.3
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	0.3 (.5)1
174	50.0 - 120.0% of mass 95	63.4
175	4.0 - 9.0% of mass 174	4.3 (6.7)1
176	93.0 - 101% of mass 174	60.3 (95.1)1
177	5.0 - 9.0% of mass 176	3.9 (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
WG2191136-2CCAL	WG2191136-2	R1560051_EV2	03/29/26 11:10
WG2191136-3LCS	WG2191136-3	R1560051_EV2	03/29/26 11:10
WG2191136-4BLANK	WG2191136-4	R1560053_EV2	03/29/26 17:00
SS-2	L2612589-07D	R1560056_EV2	03/29/26 23:16
WG2191136-5DUP	WG2191136-5D	R1560064_EV2	03/30/26 04:08

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB17	**Analysis Date**	: 03/27/26 14:26:00
Sample No	: WG2190695-2	**Lab File ID**	: R1755128_EV2

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2190695-2	255556	8.78	912824	11.00	110427	15.77
Upper Limit	357778	9.11	1277954	11.33	154598	16.10
Lower Limit	153334	8.45	547694	10.67	66256	15.44
Sample ID						
WG2190695-3 LCS	255556	8.78	912824	11.00	110427	15.77
WG2190695-4 BLANK	252440	8.78	880140	10.99	109698	15.76
OA-1	250963	8.78	875929	10.99	107524	15.76
IA-4	250163	8.77	866731	10.98	109790	15.75
IA-DUP	229299	8.77	812441	10.98	103372	15.75
IA-3	232128	8.77	803179	10.98	103129	15.75
IA-2	239764	8.77	823205	10.98	101311	15.75
IA-2 DUP	244915	8.77	846418	10.98	106226	15.75
IA-1	234886	8.76	815837	10.98	105269	15.75
IA-CS-1	244628	8.76	853070	10.98	109199	15.75
IA-CS-2	238337	8.75	828133	10.97	104965	15.74
SS-4	246304	8.76	878418	10.98	110604	15.74
SS-DUP	246313	8.75	868321	10.97	105353	15.74
SS-3	243936	8.76	861490	10.97	104056	15.74
SS-1	248694	8.75	874782	10.97	112145	15.74

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

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB26	**Analysis Date**	: 03/28/26 15:30:00
Sample No	: WG2190907-2	**Lab File ID**	: R269467

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2190907-2	234099	3.43	740785	4.32	104350	6.44
Upper Limit	327739	3.76	1037099	4.65	146090	6.77
Lower Limit	140459	3.10	444471	3.99	62610	6.11
Sample ID						
WG2190907-3 LCS	234099	3.43	740785	4.32	104350	6.44
WG2190907-4 BLANK	247777	3.43	705992	4.32	101298	6.44
P12-IA-R2 DUP	237280	3.43	697838	4.32	101829	6.44
CS-1	248938	3.43	705875	4.32	102639	6.44
CS-DUP	246529	3.43	684660	4.32	103451	6.44
CS-2	244746	3.43	689435	4.32	103239	6.44

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

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB15	**Analysis Date**	: 03/29/26 11:10:00
Sample No	: WG2191136-2	**Lab File ID**	: R1560051_EV2

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG2191136-2	378066	9.19	967593	11.43	162492	16.11
Upper Limit	529292	9.52	1354630	11.76	227489	16.44
Lower Limit	226840	8.86	580556	11.10	97495	15.78
Sample ID						
WG2191136-3 LCS	378066	9.19	967593	11.43	162492	16.11
WG2191136-4 BLANK	389218	9.21	957190	11.44	161954	16.12
SS-2	357455	9.21	848942	11.44	141443	16.12
SV-3 DUP	384711	9.22	941635	11.46	160903	16.13

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

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19301-1
Page: 1

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.

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	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-01	Date Collected	: 03/09/26 16:20
Client ID	: SS-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 09:35
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755147_EV2	Instrument ID	: AIRLAB17
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	0.541	0.200	0.050	2.68	0.989	0.247	
74-87-3	Chloromethane	0.169	0.200	0.076	0.349	0.413	0.156	J
76-14-2	Freon-114	0.021	0.050	0.006	0.147	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	34.7	5.00	1.35	65.4	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.233	0.050	0.009	1.31	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	1.92	0.500	0.134	5.82	1.52	0.406	
75-09-2	Methylene chloride	ND	0.500	0.110	ND	1.74	0.382	U
76-13-1	Freon-113	0.092	0.050	0.008	0.705	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	0.013	0.020	0.009	0.053	0.081	0.035	J
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	1.48	0.500	0.132	4.36	1.47	0.389	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.151	0.020	0.007	0.737	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.024	0.020	0.008	0.097	0.081	0.034	
110-54-3	n-Hexane	1.16	0.200	0.047	4.09	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	18.8	0.020	0.006	103	0.109	0.032	
71-43-2	Benzene	0.146	0.100	0.030	0.466	0.319	0.095	
56-23-5	Carbon tetrachloride	0.081	0.020	0.011	0.510	0.126	0.069	
110-82-7	Cyclohexane	1.04	0.200	0.031	3.58	0.688	0.108	
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-01	Date Collected	: 03/09/26 16:20
Client ID	: SS-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 09:35
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755147_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.617	0.200	0.031	2.53	0.820	0.128	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	2.78	0.100	0.017	10.5	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.055	0.020	0.007	0.373	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.341	0.020	0.009	1.48	0.087	0.037	
179601-23-1	p/m-Xylene	1.32	0.040	0.018	5.73	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.197	0.020	0.008	0.839	0.085	0.034	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.396	0.020	0.009	1.72	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	0.122	0.020	0.010	0.600	0.098	0.047	
95-63-6	1,2,4-Trimethylbenzene	0.538	0.020	0.008	2.64	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: L2612589-01	**Date Collected**	: 03/09/26 16:20
Client ID	: SS-4	**Date Received**	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	**Date Analyzed**	: 03/28/26 09:35
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: SL
Lab File ID	: R1755147_EV2	**Instrument ID**	: AIRLAB17
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-02	Date Collected	: 03/09/26 16:20
Client ID	: IA-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 04:30
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755139_EV2	Instrument ID	: AIRLAB17
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	0.629	0.200	0.050	3.11	0.989	0.247	
74-87-3	Chloromethane	0.493	0.200	0.076	1.02	0.413	0.156	
76-14-2	Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	30.9	5.00	1.35	58.2	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.221	0.050	0.009	1.24	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.137	0.500	0.110	0.476	1.74	0.382	J
76-13-1	Freon-113	0.075	0.050	0.008	0.575	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.192	0.500	0.132	0.566	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.022	0.020	0.007	0.107	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.032	0.020	0.008	0.130	0.081	0.034	
110-54-3	n-Hexane	0.112	0.200	0.047	0.395	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	0.011	0.020	0.006	0.060	0.109	0.032	J
71-43-2	Benzene	0.077	0.100	0.030	0.246	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.069	0.020	0.011	0.434	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.022	0.020	0.008	0.102	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-02	Date Collected	: 03/09/26 16:20
Client ID	: IA-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 04:30
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755139_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.074	0.100	0.017	0.279	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.011	0.020	0.007	0.075	0.136	0.050	J
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.013	0.020	0.009	0.057	0.087	0.037	J
179601-23-1	p/m-Xylene	0.037	0.040	0.018	0.161	0.174	0.078	J
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.010	0.020	0.008	0.043	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.015	0.020	0.009	0.065	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.024	0.020	0.008	0.118	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: L2612589-02	**Date Collected**	: 03/09/26 16:20
Client ID	: IA-4	**Date Received**	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	**Date Analyzed**	: 03/28/26 04:30
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: SL
Lab File ID	: R1755139_EV2	**Instrument ID**	: AIRLAB17
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-03	Date Collected	: 03/09/26 16:20
Client ID	: SS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:13
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755148_EV2	Instrument ID	: AIRLAB17
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	0.498	0.200	0.050	2.46	0.989	0.247	
74-87-3	Chloromethane	0.307	0.200	0.076	0.634	0.413	0.156	
76-14-2	Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	0.012	0.020	0.009	0.047	0.078	0.037	J
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	30.0	5.00	1.35	56.5	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.224	0.050	0.009	1.26	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	1.20	0.500	0.134	3.64	1.52	0.406	
75-09-2	Methylene chloride	0.143	0.500	0.110	0.497	1.74	0.382	J
76-13-1	Freon-113	0.083	0.050	0.008	0.636	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.042	0.020	0.009	0.167	0.079	0.036	
75-34-3	1,1-Dichloroethane	0.042	0.020	0.009	0.170	0.081	0.035	
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	1.11	0.500	0.132	3.27	1.47	0.389	
156-59-2	cis-1,2-Dichloroethene	0.014	0.020	0.010	0.056	0.079	0.040	J
67-66-3	Chloroform	0.049	0.020	0.007	0.239	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.023	0.020	0.008	0.093	0.081	0.034	
110-54-3	n-Hexane	2.15	0.200	0.047	7.58	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	12.4	0.020	0.006	67.7	0.109	0.032	
71-43-2	Benzene	0.138	0.100	0.030	0.441	0.319	0.095	
56-23-5	Carbon tetrachloride	0.076	0.020	0.011	0.478	0.126	0.069	
110-82-7	Cyclohexane	0.685	0.200	0.031	2.36	0.688	0.108	
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-03	Date Collected	: 03/09/26 16:20
Client ID	: SS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:13
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755148_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	0.011	0.020	0.006	0.059	0.107	0.032	J
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.416	0.200	0.031	1.70	0.820	0.128	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	1.94	0.100	0.017	7.31	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.038	0.020	0.007	0.258	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.243	0.020	0.009	1.06	0.087	0.037	
179601-23-1	p/m-Xylene	0.935	0.040	0.018	4.06	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.160	0.020	0.008	0.681	0.085	0.034	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.304	0.020	0.009	1.32	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	0.102	0.020	0.010	0.501	0.098	0.047	
95-63-6	1,2,4-Trimethylbenzene	0.410	0.020	0.008	2.02	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-03	Date Collected	: 03/09/26 16:20
Client ID	: SS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:13
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755148_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-04	Date Collected	: 03/09/26 16:20
Client ID	: IA-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:08
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755140_EV2	Instrument ID	: AIRLAB17
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	0.674	0.200	0.050	3.33	0.989	0.247	
74-87-3	Chloromethane	0.539	0.200	0.076	1.11	0.413	0.156	
76-14-2	Freon-114	0.019	0.050	0.006	0.133	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	0.011	0.020	0.009	0.043	0.078	0.037	J
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	23.8	5.00	1.35	44.8	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.238	0.050	0.009	1.34	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.176	0.500	0.110	0.611	1.74	0.382	J
76-13-1	Freon-113	0.082	0.050	0.008	0.628	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.011	0.020	0.009	0.044	0.079	0.036	J
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.228	0.500	0.132	0.672	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.025	0.020	0.007	0.122	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.032	0.020	0.008	0.130	0.081	0.034	
110-54-3	n-Hexane	0.886	0.200	0.047	3.12	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.093	0.100	0.030	0.297	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.073	0.020	0.011	0.459	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.023	0.020	0.008	0.106	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-04	Date Collected	: 03/09/26 16:20
Client ID	: IA-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:08
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755140_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.116	0.100	0.017	0.437	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.020	0.020	0.007	0.136	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.017	0.020	0.009	0.074	0.087	0.037	J
179601-23-1	p/m-Xylene	0.060	0.040	0.018	0.261	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.017	0.020	0.008	0.072	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.031	0.020	0.009	0.135	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	0.017	0.020	0.010	0.084	0.098	0.047	J
95-63-6	1,2,4-Trimethylbenzene	0.046	0.020	0.008	0.226	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-04	Date Collected	: 03/09/26 16:20
Client ID	: IA-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:08
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755140_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-05	Date Collected	: 03/09/26 16:25
Client ID	: SS-3	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755149_EV2	Instrument ID	: AIRLAB17
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	0.538	0.200	0.050	2.66	0.989	0.247	
74-87-3	Chloromethane	0.139	0.200	0.076	0.287	0.413	0.156	J
76-14-2	Freon-114	0.019	0.050	0.006	0.133	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	0.015	0.020	0.009	0.058	0.078	0.037	J
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	33.2	5.00	1.35	62.6	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.229	0.050	0.009	1.29	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	0.544	0.500	0.134	1.65	1.52	0.406	
75-09-2	Methylene chloride	0.110	0.500	0.110	0.382	1.74	0.382	J
76-13-1	Freon-113	0.077	0.050	0.008	0.590	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	4.08	0.500	0.132	12.0	1.47	0.389	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.021	0.020	0.007	0.103	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.027	0.020	0.008	0.109	0.081	0.034	
110-54-3	n-Hexane	0.687	0.200	0.047	2.42	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	0.688	0.020	0.006	3.75	0.109	0.032	
71-43-2	Benzene	0.225	0.100	0.030	0.719	0.319	0.095	
56-23-5	Carbon tetrachloride	0.068	0.020	0.011	0.428	0.126	0.069	
110-82-7	Cyclohexane	0.374	0.200	0.031	1.29	0.688	0.108	
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-05	Date Collected	: 03/09/26 16:25
Client ID	: SS-3	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:50
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755149_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	0.118	0.200	0.037	0.551	0.934	0.173	J
142-82-5	Heptane	0.491	0.200	0.031	2.01	0.820	0.128	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	2.94	0.100	0.017	11.1	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.032	0.020	0.007	0.217	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.351	0.020	0.009	1.52	0.087	0.037	
179601-23-1	p/m-Xylene	1.29	0.040	0.018	5.60	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.196	0.020	0.008	0.835	0.085	0.034	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.405	0.020	0.009	1.76	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	0.118	0.020	0.010	0.580	0.098	0.047	
95-63-6	1,2,4-Trimethylbenzene	0.468	0.020	0.008	2.30	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: L2612589-05	**Date Collected**	: 03/09/26 16:25
Client ID	: SS-3	**Date Received**	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	**Date Analyzed**	: 03/28/26 10:50
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: SL
Lab File ID	: R1755149_EV2	**Instrument ID**	: AIRLAB17
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	0.023	0.050	0.021	0.121	0.262	0.110	J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-06	Date Collected	: 03/09/26 16:35
Client ID	: IA-3	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:47
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755141_EV2	Instrument ID	: AIRLAB17
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	0.778	0.200	0.050	3.85	0.989	0.247	
74-87-3	Chloromethane	0.543	0.200	0.076	1.12	0.413	0.156	
76-14-2	Freon-114	0.019	0.050	0.006	0.133	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	0.011	0.020	0.009	0.043	0.078	0.037	J
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	41.9	5.00	1.35	79.0	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.244	0.050	0.009	1.37	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.145	0.500	0.110	0.504	1.74	0.382	J
76-13-1	Freon-113	0.081	0.050	0.008	0.621	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.287	0.500	0.132	0.846	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.028	0.020	0.007	0.137	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.044	0.020	0.008	0.178	0.081	0.034	
110-54-3	n-Hexane	0.121	0.200	0.047	0.426	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.091	0.100	0.030	0.291	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.077	0.020	0.011	0.484	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.041	0.020	0.008	0.189	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-06	Date Collected	: 03/09/26 16:35
Client ID	: IA-3	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:47
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755141_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.035	0.200	0.031	0.143	0.820	0.128	J
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.086	0.100	0.017	0.324	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.014	0.020	0.007	0.095	0.136	0.050	J
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.016	0.020	0.009	0.070	0.087	0.037	J
179601-23-1	p/m-Xylene	0.046	0.040	0.018	0.200	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.014	0.020	0.008	0.060	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.019	0.020	0.009	0.083	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.024	0.020	0.008	0.118	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-06	Date Collected	: 03/09/26 16:35
Client ID	: IA-3	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:47
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755141_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	0.021	0.050	0.021	0.110	0.262	0.110	J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-07D	Date Collected	: 03/09/26 16:25
Client ID	: SS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/29/26 23:16
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.5
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1560056_EV2	Instrument ID	: AIRLAB15
Sample Amount	: 100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.630	0.500	0.125	3.12	2.47	0.618	
74-87-3	Chloromethane	0.360	0.500	0.189	0.743	1.03	0.390	J
76-14-2	Freon-114	ND	0.125	0.016	ND	0.874	0.112	U
75-01-4	Vinyl chloride	ND	0.050	0.022	ND	0.128	0.056	U
74-83-9	Bromomethane	ND	0.050	0.024	ND	0.194	0.091	U
75-00-3	Chloroethane	ND	0.250	0.099	ND	0.660	0.261	U
64-17-5	Ethanol	50.0	12.5	3.38	94.2	23.6	6.37	
75-69-4	Trichlorofluoromethane	0.200	0.125	0.023	1.12	0.702	0.129	
75-35-4	1,1-Dichloroethene	ND	0.050	0.019	ND	0.198	0.076	U
75-65-0	Tert-Butyl Alcohol	9.93	1.25	0.335	30.1	3.79	1.02	
75-09-2	Methylene chloride	ND	1.25	0.275	ND	4.34	0.955	U
76-13-1	Freon-113	0.070	0.125	0.021	0.537	0.958	0.159	J
156-60-5	trans-1,2-Dichloroethene	ND	0.050	0.023	ND	0.198	0.089	U
75-34-3	1,1-Dichloroethane	ND	0.050	0.022	ND	0.202	0.087	U
1634-04-4	Methyl tert butyl ether	ND	0.500	0.065	ND	1.80	0.235	U
78-93-3	2-Butanone	3.61	1.25	0.330	10.6	3.69	0.973	
156-59-2	cis-1,2-Dichloroethene	ND	0.050	0.026	ND	0.198	0.101	U
67-66-3	Chloroform	ND	0.050	0.018	ND	0.244	0.087	U
107-06-2	1,2-Dichloroethane	0.070	0.050	0.021	0.283	0.202	0.084	
110-54-3	n-Hexane	11.1	0.500	0.118	39.1	1.76	0.416	
71-55-6	1,1,1-Trichloroethane	ND	0.050	0.015	ND	0.273	0.081	U
71-43-2	Benzene	0.378	0.250	0.075	1.21	0.799	0.238	
56-23-5	Carbon tetrachloride	ND	0.050	0.028	ND	0.315	0.173	U
110-82-7	Cyclohexane	10.6	0.500	0.078	36.5	1.72	0.269	
78-87-5	1,2-Dichloropropane	ND	0.050	0.021	ND	0.231	0.096	U
75-27-4	Bromodichloromethane	ND	0.050	0.019	ND	0.335	0.124	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-07D	Date Collected	: 03/09/26 16:25
Client ID	: SS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/29/26 23:16
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.5
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1560056_EV2	Instrument ID	: AIRLAB15
Sample Amount	: 100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.250	0.086	ND	0.901	0.310	U
79-01-6	Trichloroethene	ND	0.050	0.015	ND	0.269	0.081	U
540-84-1	2,2,4-Trimethylpentane	ND	0.500	0.093	ND	2.34	0.432	U
142-82-5	Heptane	4.44	0.500	0.078	18.2	2.05	0.320	
10061-01-5	cis-1,3-Dichloropropene	ND	0.050	0.030	ND	0.227	0.134	U
108-10-1	4-Methyl-2-pentanone	ND	1.25	0.478	ND	5.12	1.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.050	0.029	ND	0.227	0.131	U
79-00-5	1,1,2-Trichloroethane	ND	0.050	0.024	ND	0.273	0.132	U
108-88-3	Toluene	3.24	0.250	0.042	12.2	0.942	0.156	
124-48-1	Dibromochloromethane	ND	0.050	0.020	ND	0.426	0.170	U
106-93-4	1,2-Dibromoethane	ND	0.050	0.023	ND	0.384	0.175	U
127-18-4	Tetrachloroethene	0.112	0.050	0.019	0.759	0.339	0.125	
108-90-7	Chlorobenzene	ND	0.250	0.065	ND	1.15	0.297	U
100-41-4	Ethylbenzene	0.370	0.050	0.021	1.61	0.217	0.092	
179601-23-1	p/m-Xylene	1.32	0.100	0.045	5.73	0.434	0.195	
75-25-2	Bromoform	ND	0.050	0.028	ND	0.517	0.287	U
100-42-5	Styrene	0.142	0.050	0.020	0.605	0.213	0.084	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.050	0.017	ND	0.343	0.115	U
95-47-6	o-Xylene	0.425	0.050	0.022	1.85	0.217	0.095	
108-67-8	1,3,5-Trimethylbenzene	0.118	0.050	0.024	0.580	0.246	0.118	
95-63-6	1,2,4-Trimethylbenzene	0.458	0.050	0.019	2.25	0.246	0.093	
100-44-7	Benzyl chloride	ND	0.250	0.083	ND	1.29	0.430	U
541-73-1	1,3-Dichlorobenzene	ND	0.050	0.019	ND	0.301	0.115	U
106-46-7	1,4-Dichlorobenzene	ND	0.050	0.019	ND	0.301	0.113	U
95-50-1	1,2-Dichlorobenzene	ND	0.050	0.016	ND	0.301	0.093	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.125	0.037	ND	0.928	0.271	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: L2612589-07D	**Date Collected**	: 03/09/26 16:25
Client ID	: SS-2	**Date Received**	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	**Date Analyzed**	: 03/29/26 23:16
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 2.5
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TPH
Lab File ID	: R1560056_EV2	**Instrument ID**	: AIRLAB15
Sample Amount	: 100 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	0.090	0.125	0.053	0.472	0.655	0.275	J
87-68-3	Hexachlorobutadiene	ND	0.125	0.028	ND	1.33	0.293	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-08	Date Collected	: 03/09/26 16:25
Client ID	: IA-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 06:25
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755142_EV2	Instrument ID	: AIRLAB17
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	0.736	0.200	0.050	3.64	0.989	0.247	
74-87-3	Chloromethane	0.544	0.200	0.076	1.12	0.413	0.156	
76-14-2	Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	41.1	5.00	1.35	77.4	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.228	0.050	0.009	1.28	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.145	0.500	0.110	0.504	1.74	0.382	J
76-13-1	Freon-113	0.074	0.050	0.008	0.567	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.224	0.500	0.132	0.661	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	0.013	0.020	0.010	0.052	0.079	0.040	J
67-66-3	Chloroform	0.026	0.020	0.007	0.127	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.035	0.020	0.008	0.142	0.081	0.034	
110-54-3	n-Hexane	0.128	0.200	0.047	0.451	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.078	0.100	0.030	0.249	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.070	0.020	0.011	0.440	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.037	0.020	0.008	0.171	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-08	Date Collected	: 03/09/26 16:25
Client ID	: IA-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 06:25
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755142_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	0.024	0.020	0.006	0.129	0.107	0.032	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.084	0.100	0.017	0.317	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.027	0.020	0.007	0.183	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.018	0.020	0.009	0.078	0.087	0.037	J
179601-23-1	p/m-Xylene	0.055	0.040	0.018	0.239	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.015	0.020	0.008	0.064	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.020	0.020	0.009	0.087	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.022	0.020	0.008	0.108	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-08	Date Collected	: 03/09/26 16:25
Client ID	: IA-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 06:25
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755142_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-09	Date Collected	: 03/09/26 16:30
Client ID	: SS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 12:03
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755151_EV2	Instrument ID	: AIRLAB17
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	1.80	0.200	0.050	8.90	0.989	0.247	
74-87-3	Chloromethane	0.142	0.200	0.076	0.293	0.413	0.156	J
76-14-2	Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	27.4	5.00	1.35	51.6	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.222	0.050	0.009	1.25	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	1.06	0.500	0.134	3.21	1.52	0.406	
75-09-2	Methylene chloride	0.140	0.500	0.110	0.486	1.74	0.382	J
76-13-1	Freon-113	0.077	0.050	0.008	0.590	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	6.41	0.500	0.132	18.9	1.47	0.389	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.030	0.020	0.007	0.147	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.031	0.020	0.008	0.125	0.081	0.034	
110-54-3	n-Hexane	0.326	0.200	0.047	1.15	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	0.022	0.020	0.006	0.120	0.109	0.032	
71-43-2	Benzene	0.312	0.100	0.030	0.997	0.319	0.095	
56-23-5	Carbon tetrachloride	0.075	0.020	0.011	0.472	0.126	0.069	
110-82-7	Cyclohexane	0.090	0.200	0.031	0.310	0.688	0.108	J
78-87-5	1,2-Dichloropropane	0.013	0.020	0.008	0.060	0.092	0.038	J
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-09	Date Collected	: 03/09/26 16:30
Client ID	: SS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 12:03
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755151_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	0.096	0.020	0.006	0.516	0.107	0.032	
540-84-1	2,2,4-Trimethylpentane	0.154	0.200	0.037	0.719	0.934	0.173	J
142-82-5	Heptane	0.281	0.200	0.031	1.15	0.820	0.128	
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	3.11	0.100	0.017	11.7	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.145	0.020	0.007	0.983	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.378	0.020	0.009	1.64	0.087	0.037	
179601-23-1	p/m-Xylene	1.35	0.040	0.018	5.86	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.151	0.020	0.008	0.643	0.085	0.034	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.424	0.020	0.009	1.84	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	0.122	0.020	0.010	0.600	0.098	0.047	
95-63-6	1,2,4-Trimethylbenzene	0.434	0.020	0.008	2.13	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: L2612589-09	**Date Collected**	: 03/09/26 16:30
Client ID	: SS-1	**Date Received**	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	**Date Analyzed**	: 03/28/26 12:03
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: SL
Lab File ID	: R1755151_EV2	**Instrument ID**	: AIRLAB17
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	0.065	0.050	0.021	0.341	0.262	0.110	
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-10	Date Collected	: 03/09/26 16:45
Client ID	: IA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 07:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755144_EV2	Instrument ID	: AIRLAB17
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	1.29	0.200	0.050	6.38	0.989	0.247	
74-87-3	Chloromethane	0.641	0.200	0.076	1.32	0.413	0.156	
76-14-2	Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	31.4	5.00	1.35	59.2	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.236	0.050	0.009	1.33	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.153	0.500	0.110	0.532	1.74	0.382	J
76-13-1	Freon-113	0.081	0.050	0.008	0.621	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.246	0.500	0.132	0.726	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.062	0.020	0.007	0.303	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.041	0.020	0.008	0.166	0.081	0.034	
110-54-3	n-Hexane	0.185	0.200	0.047	0.652	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.087	0.100	0.030	0.278	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.074	0.020	0.011	0.465	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.031	0.020	0.008	0.143	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-10	Date Collected	: 03/09/26 16:45
Client ID	: IA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 07:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755144_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	0.016	0.020	0.006	0.086	0.107	0.032	J
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.048	0.200	0.031	0.197	0.820	0.128	J
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.102	0.100	0.017	0.384	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.084	0.020	0.007	0.570	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.020	0.020	0.009	0.087	0.087	0.037	
179601-23-1	p/m-Xylene	0.072	0.040	0.018	0.313	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.016	0.020	0.008	0.068	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.028	0.020	0.009	0.122	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.034	0.020	0.008	0.167	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-10	Date Collected	: 03/09/26 16:45
Client ID	: IA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 07:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755144_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-11	Date Collected	: 03/09/26 16:27
Client ID	: CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 23:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269477	Instrument ID	: AIRLAB26
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	0.548	0.200	0.050	2.71	0.989	0.247	
74-87-3	Chloromethane	0.307	0.200	0.076	0.634	0.413	0.156	
76-14-2	Freon-114	0.015	0.050	0.006	0.105	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	6.30	5.00	1.35	11.9	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.203	0.050	0.009	1.14	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.112	0.500	0.110	0.389	1.74	0.382	J
76-13-1	Freon-113	0.066	0.050	0.008	0.506	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.010	0.020	0.009	0.040	0.079	0.036	J
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.156	0.500	0.132	0.460	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.020	0.020	0.007	0.098	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.018	0.020	0.008	0.073	0.081	0.034	J
110-54-3	n-Hexane	0.246	0.200	0.047	0.867	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	0.021	0.020	0.006	0.115	0.109	0.032	
71-43-2	Benzene	0.058	0.100	0.030	0.185	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.072	0.020	0.011	0.453	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.021	0.020	0.008	0.097	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-11	Date Collected	: 03/09/26 16:27
Client ID	: CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 23:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269477	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.065	0.100	0.017	0.245	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.022	0.020	0.007	0.149	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037	U
179601-23-1	p/m-Xylene	0.026	0.040	0.018	0.113	0.174	0.078	J
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.014	0.020	0.009	0.061	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.012	0.020	0.008	0.059	0.098	0.037	J
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-11	Date Collected	: 03/09/26 16:27
Client ID	: CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 23:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269477	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-12	Date Collected	: 03/09/26 16:27
Client ID	: CS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 23:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269478	Instrument ID	: AIRLAB26
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	0.557	0.200	0.050	2.75	0.989	0.247	
74-87-3	Chloromethane	0.348	0.200	0.076	0.719	0.413	0.156	
76-14-2	Freon-114	0.016	0.050	0.006	0.112	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	3.21	5.00	1.35	6.05	9.42	2.54	J
75-69-4	Trichlorofluoromethane	0.204	0.050	0.009	1.15	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.113	0.500	0.110	0.393	1.74	0.382	J
76-13-1	Freon-113	0.065	0.050	0.008	0.498	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	ND	0.500	0.132	ND	1.47	0.389	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.024	0.020	0.007	0.117	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.016	0.020	0.008	0.065	0.081	0.034	J
110-54-3	n-Hexane	0.135	0.200	0.047	0.476	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	0.025	0.020	0.006	0.136	0.109	0.032	
71-43-2	Benzene	0.059	0.100	0.030	0.188	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.071	0.020	0.011	0.447	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.024	0.020	0.008	0.111	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-12	Date Collected	: 03/09/26 16:27
Client ID	: CS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 23:52
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269478	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.056	0.100	0.017	0.211	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.034	0.020	0.007	0.231	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037	U
179601-23-1	p/m-Xylene	0.028	0.040	0.018	0.122	0.174	0.078	J
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.013	0.020	0.009	0.057	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.013	0.020	0.008	0.064	0.098	0.037	J
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: L2612589-12	**Date Collected**	: 03/09/26 16:27
Client ID	: CS-DUP	**Date Received**	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	**Date Analyzed**	: 03/28/26 23:52
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: SL
Lab File ID	: R269478	**Instrument ID**	: AIRLAB26
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-13	Date Collected	: 03/09/26 16:27
Client ID	: IA-CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755145_EV2	Instrument ID	: AIRLAB17
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	0.746	0.200	0.050	3.69	0.989	0.247	
74-87-3	Chloromethane	0.514	0.200	0.076	1.06	0.413	0.156	
76-14-2	Freon-114	0.016	0.050	0.006	0.112	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	40.2	5.00	1.35	75.7	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.230	0.050	0.009	1.29	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.144	0.500	0.110	0.500	1.74	0.382	J
76-13-1	Freon-113	0.075	0.050	0.008	0.575	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.222	0.500	0.132	0.655	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.027	0.020	0.007	0.132	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.040	0.020	0.008	0.162	0.081	0.034	
110-54-3	n-Hexane	0.220	0.200	0.047	0.775	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.083	0.100	0.030	0.265	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.071	0.020	0.011	0.447	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.046	0.020	0.008	0.213	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-13	Date Collected	: 03/09/26 16:27
Client ID	: IA-CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755145_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	0.018	0.020	0.006	0.097	0.107	0.032	J
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.035	0.200	0.031	0.143	0.820	0.128	J
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.089	0.100	0.017	0.335	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.015	0.020	0.007	0.102	0.136	0.050	J
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.015	0.020	0.009	0.065	0.087	0.037	J
179601-23-1	p/m-Xylene	0.048	0.040	0.018	0.208	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.017	0.020	0.008	0.072	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.020	0.020	0.009	0.087	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.052	0.020	0.008	0.256	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-13	Date Collected	: 03/09/26 16:27
Client ID	: IA-CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755145_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-14	Date Collected	: 03/09/26 16:30
Client ID	: CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/29/26 00:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269479	Instrument ID	: AIRLAB26
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	0.570	0.200	0.050	2.82	0.989	0.247	
74-87-3	Chloromethane	0.435	0.200	0.076	0.898	0.413	0.156	
76-14-2	Freon-114	0.016	0.050	0.006	0.112	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	11.0	5.00	1.35	20.7	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.198	0.050	0.009	1.11	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.156	0.500	0.110	0.542	1.74	0.382	J
76-13-1	Freon-113	0.066	0.050	0.008	0.506	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.015	0.020	0.009	0.060	0.079	0.036	J
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.161	0.500	0.132	0.475	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	0.128	0.020	0.010	0.507	0.079	0.040	
67-66-3	Chloroform	0.023	0.020	0.007	0.112	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.022	0.020	0.008	0.089	0.081	0.034	
110-54-3	n-Hexane	1.19	0.200	0.047	4.19	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.088	0.100	0.030	0.281	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.074	0.020	0.011	0.465	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.019	0.020	0.008	0.088	0.092	0.038	J
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-14	Date Collected	: 03/09/26 16:30
Client ID	: CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/29/26 00:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269479	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	0.105	0.020	0.006	0.564	0.107	0.032	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.035	0.200	0.031	0.143	0.820	0.128	J
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.106	0.100	0.017	0.399	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.026	0.020	0.007	0.176	0.136	0.050	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.016	0.020	0.009	0.070	0.087	0.037	J
179601-23-1	p/m-Xylene	0.055	0.040	0.018	0.239	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.011	0.020	0.008	0.047	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.029	0.020	0.009	0.126	0.087	0.038	
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037	U
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-14	Date Collected	: 03/09/26 16:30
Client ID	: CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/29/26 00:24
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269479	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-15	Date Collected	: 03/09/26 16:30
Client ID	: IA-CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755146_EV2	Instrument ID	: AIRLAB17
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	0.857	0.200	0.050	4.24	0.989	0.247	
74-87-3	Chloromethane	0.511	0.200	0.076	1.06	0.413	0.156	
76-14-2	Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	44.5	5.00	1.35	83.8	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.241	0.050	0.009	1.35	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.152	0.500	0.110	0.528	1.74	0.382	J
76-13-1	Freon-113	0.081	0.050	0.008	0.621	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.239	0.500	0.132	0.705	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.035	0.020	0.007	0.171	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.048	0.020	0.008	0.194	0.081	0.034	
110-54-3	n-Hexane	0.113	0.200	0.047	0.398	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.081	0.100	0.030	0.259	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.079	0.020	0.011	0.497	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.030	0.020	0.008	0.139	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-15	Date Collected	: 03/09/26 16:30
Client ID	: IA-CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755146_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	0.032	0.200	0.031	0.131	0.820	0.128	J
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.087	0.100	0.017	0.328	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.015	0.020	0.007	0.102	0.136	0.050	J
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.015	0.020	0.009	0.065	0.087	0.037	J
179601-23-1	p/m-Xylene	0.047	0.040	0.018	0.204	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.019	0.020	0.009	0.083	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.032	0.020	0.008	0.157	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-15	Date Collected	: 03/09/26 16:30
Client ID	: IA-CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755146_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-16	Date Collected	: 03/09/26 16:35
Client ID	: OA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 03:52
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755138_EV2	Instrument ID	: AIRLAB17
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	0.522	0.200	0.050	2.58	0.989	0.247	
74-87-3	Chloromethane	0.543	0.200	0.076	1.12	0.413	0.156	
76-14-2	Freon-114	0.017	0.050	0.006	0.119	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	1.80	5.00	1.35	3.39	9.42	2.54	J
75-69-4	Trichlorofluoromethane	0.217	0.050	0.009	1.22	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.140	0.500	0.110	0.486	1.74	0.382	J
76-13-1	Freon-113	0.077	0.050	0.008	0.590	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.138	0.500	0.132	0.407	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.015	0.020	0.007	0.073	0.098	0.035	J
107-06-2	1,2-Dichloroethane	0.019	0.020	0.008	0.077	0.081	0.034	J
110-54-3	n-Hexane	0.300	0.200	0.047	1.06	0.705	0.166	
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.074	0.100	0.030	0.236	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.071	0.020	0.011	0.447	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-16	Date Collected	: 03/09/26 16:35
Client ID	: OA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 03:52
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755138_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.062	0.100	0.017	0.234	0.377	0.063	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.011	0.020	0.007	0.075	0.136	0.050	J
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037	U
179601-23-1	p/m-Xylene	0.025	0.040	0.018	0.109	0.174	0.078	J
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.013	0.020	0.009	0.057	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	0.017	0.020	0.008	0.084	0.098	0.037	J
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-16	Date Collected	: 03/09/26 16:35
Client ID	: OA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 03:52
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755138_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190695-4	Date Collected	: NA
Client ID	: WG2190695-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/27/26 23:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755130_EV2	Instrument ID	: AIRLAB17
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	0.050	ND	0.989	0.247	U
74-87-3	Chloromethane	ND	0.200	0.076	ND	0.413	0.156	U
76-14-2	Freon-114	ND	0.050	0.006	ND	0.349	0.045	U
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	ND	5.00	1.35	ND	9.42	2.54	U
75-69-4	Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	ND	0.500	0.110	ND	1.74	0.382	U
76-13-1	Freon-113	ND	0.050	0.008	ND	0.383	0.064	U
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	ND	0.500	0.132	ND	1.47	0.389	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	ND	0.020	0.007	ND	0.098	0.035	U
107-06-2	1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034	U
110-54-3	n-Hexane	ND	0.200	0.047	ND	0.705	0.166	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	ND	0.100	0.030	ND	0.319	0.095	U
56-23-5	Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069	U
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190695-4	Date Collected	: NA
Client ID	: WG2190695-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/27/26 23:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755130_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	ND	0.100	0.017	ND	0.377	0.063	U
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037	U
179601-23-1	p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078	U
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	ND	0.020	0.009	ND	0.087	0.038	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037	U
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190695-4	Date Collected	: NA
Client ID	: WG2190695-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/27/26 23:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755130_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190695-5	Date Collected	: 03/09/26 16:25
Client ID	: IA-2DUP	Date Received	: 03/10/26
Sample Location	:	Date Analyzed	: 03/28/26 07:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755143_EV2	Instrument ID	: AIRLAB17
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	0.723	0.200	0.050	3.58	0.989	.2	
74-87-3	Chloromethane	0.535	0.200	0.076	1.10	0.413	.2	
76-14-2	Freon-114	0.018	0.050	0.006	0.126	0.349	.05	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	.02	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	.02	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	.1	U
64-17-5	Ethanol	41.9	5.00	1.35	79.0	9.42	5	
75-69-4	Trichlorofluoromethane	0.222	0.050	0.009	1.25	0.281	.05	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	.02	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	.5	U
75-09-2	Methylene chloride	0.142	0.500	0.110	0.493	1.74	.5	J
76-13-1	Freon-113	0.074	0.050	0.008	0.567	0.383	.05	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	.02	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	.02	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	.2	U
78-93-3	2-Butanone	0.226	0.500	0.132	0.667	1.47	.5	J
156-59-2	cis-1,2-Dichloroethene	0.014	0.020	0.010	0.056	0.079	.02	J
67-66-3	Chloroform	0.027	0.020	0.007	0.132	0.098	.02	
107-06-2	1,2-Dichloroethane	0.037	0.020	0.008	0.150	0.081	.02	
110-54-3	n-Hexane	0.124	0.200	0.047	0.437	0.705	.2	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	.02	U
71-43-2	Benzene	0.076	0.100	0.030	0.243	0.319	.1	J
56-23-5	Carbon tetrachloride	0.066	0.020	0.011	0.415	0.126	.02	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	.2	U
78-87-5	1,2-Dichloropropane	0.034	0.020	0.008	0.157	0.092	.02	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	.02	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190695-5	Date Collected	: 03/09/26 16:25
Client ID	: IA-2DUP	Date Received	: 03/10/26
Sample Location	:	Date Analyzed	: 03/28/26 07:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755143_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	.1	U
79-01-6	Trichloroethene	0.024	0.020	0.006	0.129	0.107	.02	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	.2	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	.2	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	.02	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	.02	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	.02	U
108-88-3	Toluene	0.080	0.100	0.017	0.301	0.377	.1	J
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	.02	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	.02	U
127-18-4	Tetrachloroethene	0.025	0.020	0.007	0.170	0.136	.02	
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	.1	U
100-41-4	Ethylbenzene	0.017	0.020	0.009	0.074	0.087	.02	J
179601-23-1	p/m-Xylene	0.053	0.040	0.018	0.230	0.174	.04	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	.02	U
100-42-5	Styrene	0.013	0.020	0.008	0.055	0.085	.02	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	.02	U
95-47-6	o-Xylene	0.019	0.020	0.009	0.083	0.087	.02	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	.02	U
95-63-6	1,2,4-Trimethylbenzene	0.023	0.020	0.008	0.113	0.098	.02	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	.1	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	.02	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	.02	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	.02	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	.05	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190695-5	Date Collected	: 03/09/26 16:25
Client ID	: IA-2DUP	Date Received	: 03/10/26
Sample Location	:	Date Analyzed	: 03/28/26 07:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755143_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	.05	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	.05	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190907-4	Date Collected	: NA
Client ID	: WG2190907-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/28/26 19:11
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269469	Instrument ID	: AIRLAB26
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	0.050	ND	0.989	0.247	U
74-87-3	Chloromethane	ND	0.200	0.076	ND	0.413	0.156	U
76-14-2	Freon-114	ND	0.050	0.006	ND	0.349	0.045	U
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	ND	5.00	1.35	ND	9.42	2.54	U
75-69-4	Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	ND	0.500	0.110	ND	1.74	0.382	U
76-13-1	Freon-113	ND	0.050	0.008	ND	0.383	0.064	U
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	ND	0.500	0.132	ND	1.47	0.389	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	ND	0.020	0.007	ND	0.098	0.035	U
107-06-2	1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034	U
110-54-3	n-Hexane	ND	0.200	0.047	ND	0.705	0.166	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	ND	0.100	0.030	ND	0.319	0.095	U
56-23-5	Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069	U
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190907-4	Date Collected	: NA
Client ID	: WG2190907-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/28/26 19:11
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269469	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	ND	0.100	0.017	ND	0.377	0.063	U
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037	U
179601-23-1	p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078	U
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	ND	0.020	0.009	ND	0.087	0.038	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037	U
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2190907-4	Date Collected	: NA
Client ID	: WG2190907-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/28/26 19:11
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269469	Instrument ID	: AIRLAB26
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2191136-4	Date Collected	: NA
Client ID	: WG2191136-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/29/26 17:00
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1560053_EV2	Instrument ID	: AIRLAB15
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	0.050	ND	0.989	0.247	U
74-87-3	Chloromethane	ND	0.200	0.076	ND	0.413	0.156	U
76-14-2	Freon-114	ND	0.050	0.006	ND	0.349	0.045	U
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	ND	5.00	1.35	ND	9.42	2.54	U
75-69-4	Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	ND	0.500	0.110	ND	1.74	0.382	U
76-13-1	Freon-113	ND	0.050	0.008	ND	0.383	0.064	U
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	ND	0.500	0.132	ND	1.47	0.389	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	ND	0.020	0.007	ND	0.098	0.035	U
107-06-2	1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034	U
110-54-3	n-Hexane	ND	0.200	0.047	ND	0.705	0.166	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	ND	0.100	0.030	ND	0.319	0.095	U
56-23-5	Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069	U
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: WG2191136-4	Date Collected	: NA
Client ID	: WG2191136-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/29/26 17:00
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1560053_EV2	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	ND	0.100	0.017	ND	0.377	0.063	U
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037	U
179601-23-1	p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078	U
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	ND	0.020	0.008	ND	0.085	0.034	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	ND	0.020	0.009	ND	0.087	0.038	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.020	0.010	ND	0.098	0.047	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037	U
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Lab ID	: WG2191136-4	**Date Collected**	: NA
Client ID	: WG2191136-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/29/26 17:00
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TPH
Lab File ID	: R1560053_EV2	**Instrument ID**	: AIRLAB15
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755138_Ev2.D
Acq On : 28 Mar 2026 3:52 AM
Operator : AIRLAB17:SL
Sample : L2612589-16,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:27 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.775	49	250963	10.000	ppbV		0.00
Standard Area = 255556			Recovery = 98.20%				
34) 1,4-difluorobenzene	10.990	114	875929	10.000	ppbV		0.00
Standard Area = 912824			Recovery = 95.96%				
52) chlorobenzene-D5	15.758	54	107524	10.000	ppbV	#	0.00
Standard Area = 110427			Recovery = 97.37%				
System Monitoring Compounds							
Target Compounds							Qvalue
4) dichlorodifluoromethane	3.850	85	19940	0.522	ppbV		99
5) chloromethane	4.006	50	9806	0.543	ppbV		99
6) Freon-114	4.108	85	780	0.017	ppbV		91
7) vinyl chloride	0.000		0	N.D.			
9) bromomethane	4.630		0	N.D.			
10) chloroethane	4.804		0	N.D.			
11) ethanol	4.936	31	32589	1.804	ppbV	#	86
15) trichlorofluoromethane	5.603	101	8499	0.217	ppbV		98
18) 1,1-dichloroethene	0.000		0	N.D.			
19) tertiary butyl alcohol	0.000		0	N.D.	d		
20) methylene chloride	6.414	49	2962	0.140	ppbV		92
23) Freon 113	6.720	101	3320	0.077	ppbV		97
24) trans-1,2-dichloroethene	7.450		0	N.D.			
25) 1,1-dichloroethane	7.650		0	N.D.			
26) MTBE	0.000		0	N.D.	d		
28) 2-butanone	8.133	43	5121	0.138	ppbV		96
29) cis-1,2-dichloroethene	8.592		0	N.D.			
31) chloroform	8.925	83	569	0.015	ppbV	#	92
33) 1,2-dichloroethane	9.758	62	463	0.019	ppbV	#	86
35) hexane	8.850	57	12041	0.300	ppbV	#	22
37) 1,1,1-trichloroethane	10.042		0	N.D.			
38) benzene	10.563	78	5691	0.074	ppbV		100
39) carbon tetrachloride	10.737	117	2396	0.071	ppbV		96
40) cyclohexane	0.000		0	N.D.	d		
42) 1,2-dichloropropane	11.497		0	N.D.			
43) bromodichloromethane	11.850		0	N.D.			
44) 1,4-dioxane	11.883		0	N.D.			
45) trichloroethene	11.783		0	N.D.			

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755138_Ev2.D
Acq On : 28 Mar 2026 3:52 AM
Operator : AIRLAB17:SL
Sample : L2612589-16,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:27 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

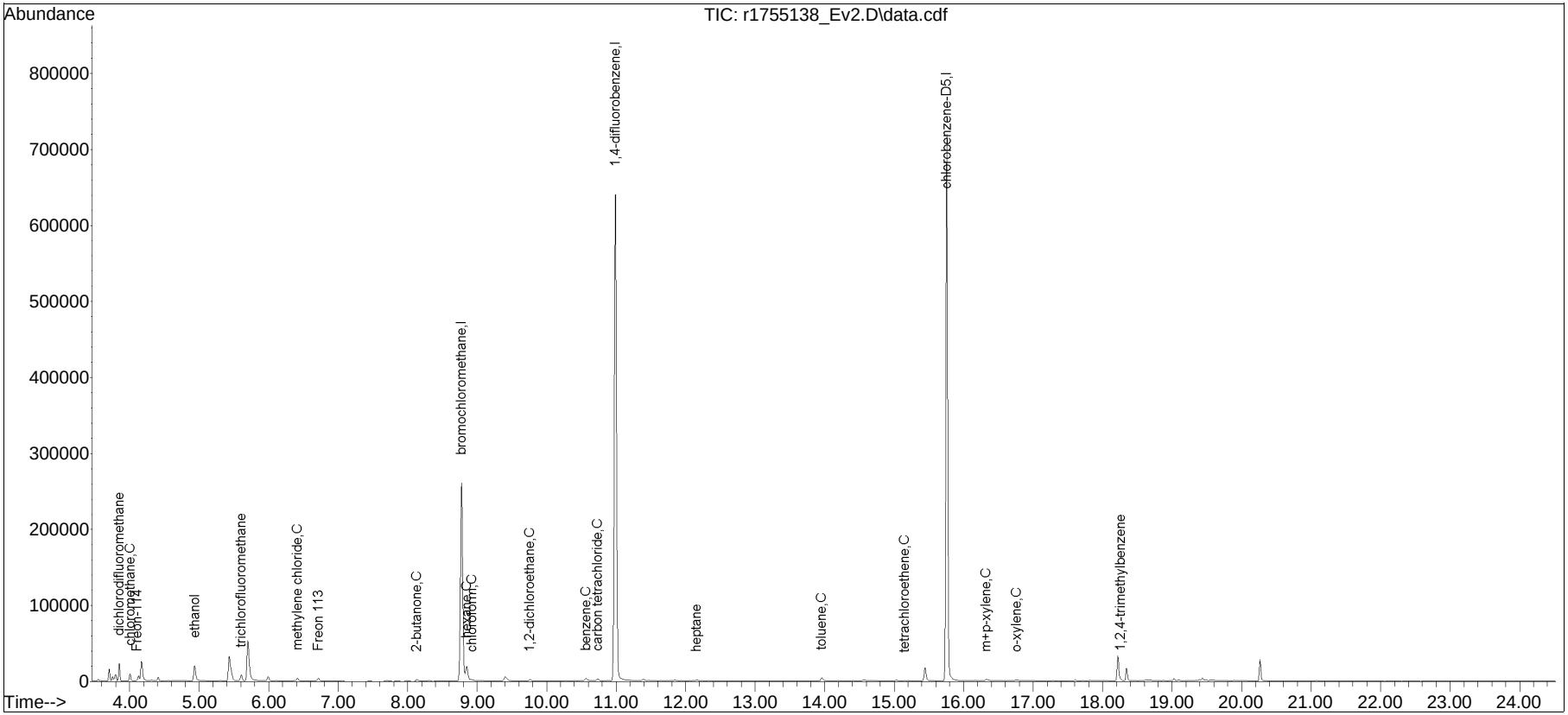
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.157	43	721	0.017	ppbV #	91
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.		
50) trans-1,3-dichloropropene	13.375		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.958	91	5179	0.062	ppbV	99
56) dibromochloromethane	14.433		0	N.D.		
57) 1,2-dibromoethane	14.692		0	N.D.		
58) tetrachloroethene	15.150	166	356	0.011	ppbV	89
60) chlorobenzene	15.800		0	N.D.		
61) ethylbenzene	16.167		0	N.D.		
62) m+p-xylene	16.325	91	2112	0.025	ppbV	86
63) bromoform	0.000		0	N.D.		
64) styrene	16.683		0	N.D.		
65) 1,1,2,2-tetrachloroethane	16.575		0	N.D.		
66) o-xylene	16.758	91	1054	0.013	ppbV	87
72) 1,3,5-trimethylbenzene	17.917		0	N.D.		
74) 1,2,4-trimethylbenzene	18.258	105	1458M3	0.017	ppbV	
75) Benzyl Chloride	18.392		0	N.D.		
76) 1,3-dichlorobenzene	18.408		0	N.D.		
77) 1,4-dichlorobenzene	18.408		0	N.D.		
81) 1,2-dichlorobenzene	18.742		0	N.D.		
84) 1,2,4-trichlorobenzene	20.233		0	N.D.		
85) naphthalene	20.267		0	N.D.		
87) hexachlorobutadiene	20.642		0	N.D.		

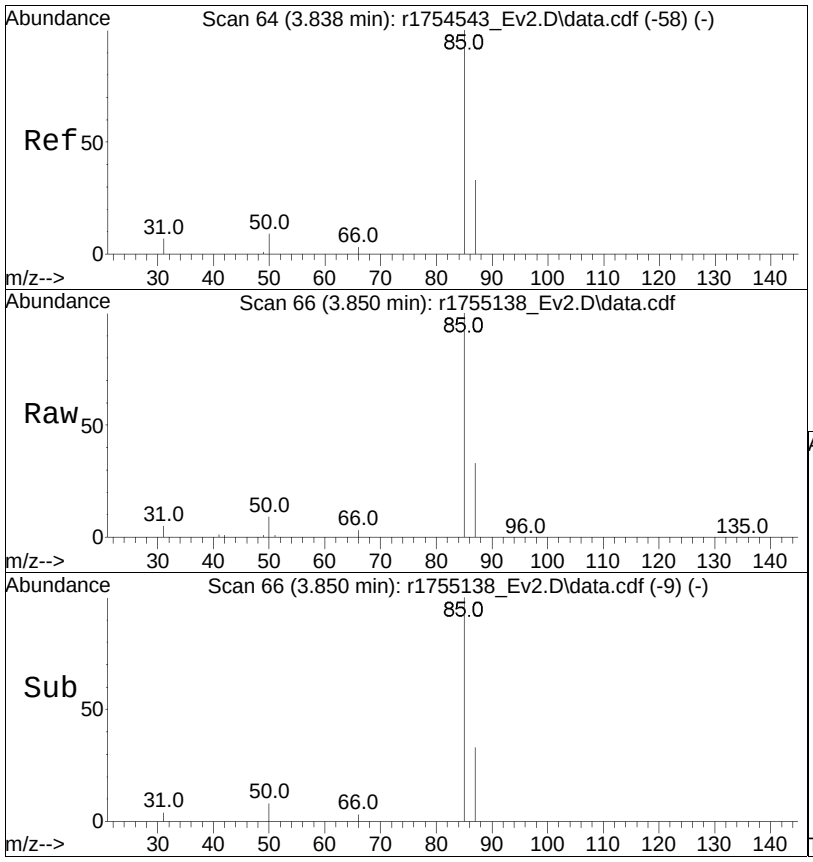
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755138_Ev2.D
Acq On : 28 Mar 2026 3:52 AM
Operator : AIRLAB17:SL
Sample : L2612589-16,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:27 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

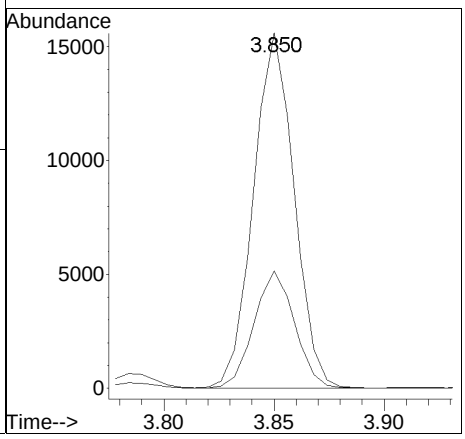


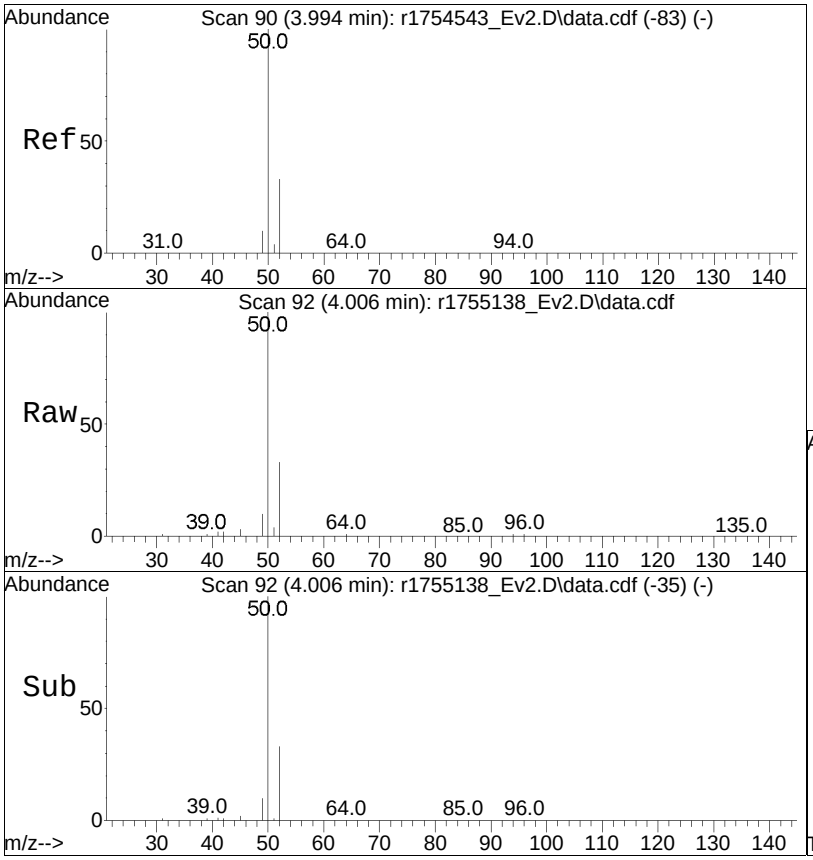


#4
dichlorodifluoromethane
Concen: 0.52 ppbV
RT: 3.850 min Scan# 66
Delta R.T. 0.012 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 85 Resp: 19940

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.2	39.4

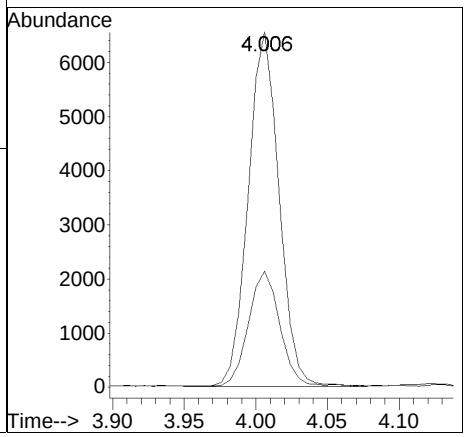


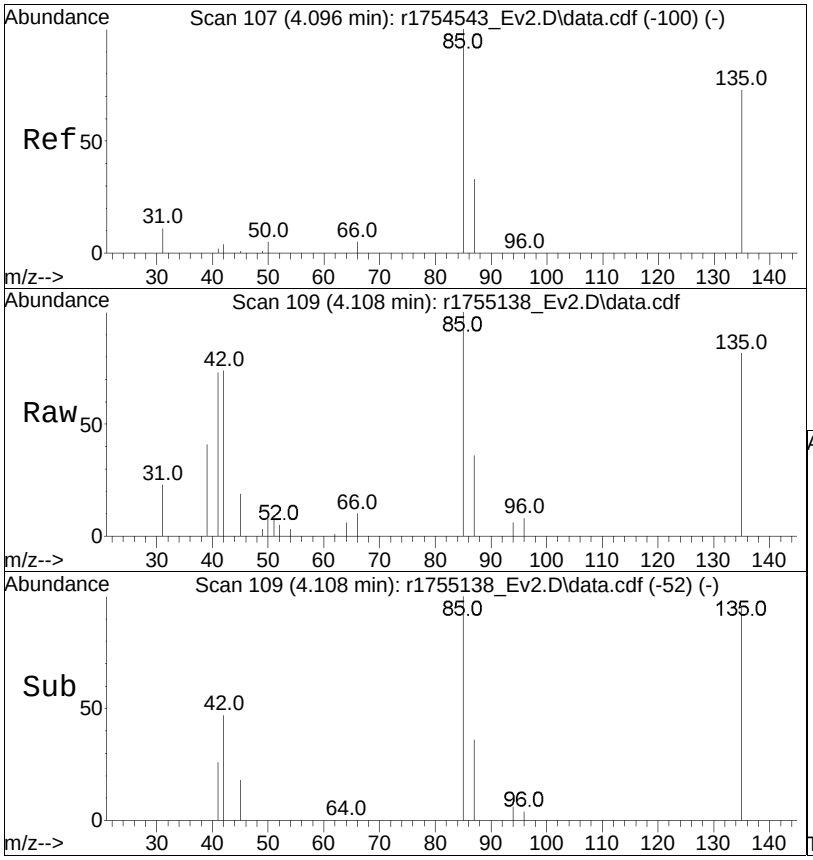


#5
chloromethane
Concen: 0.54 ppbV
RT: 4.006 min Scan# 92
Delta R.T. 0.012 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 50 Resp: 9806

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.6	39.8

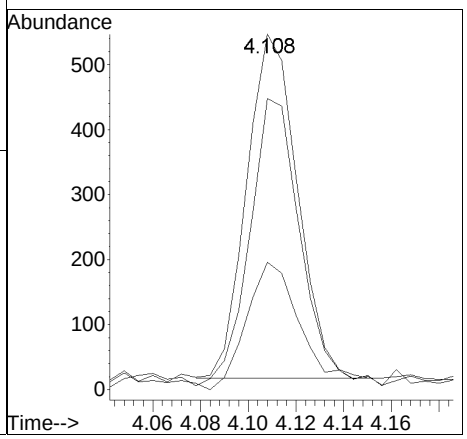


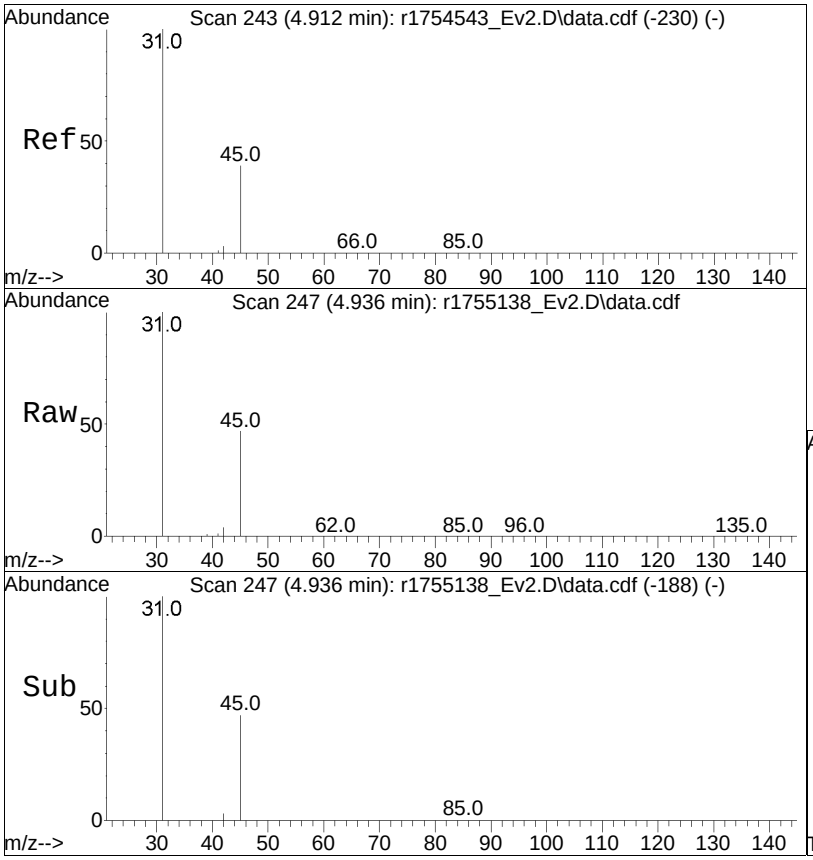


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.108 min Scan# 109
Delta R.T. 0.012 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 85 Resp: 780

Ion	Ratio	Lower	Upper
85	100		
87	35.8	26.2	39.4
135	81.9	58.1	87.1

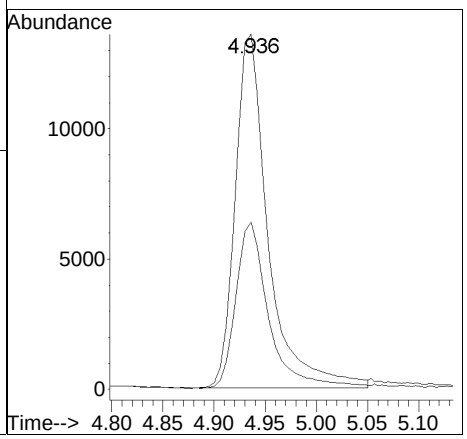


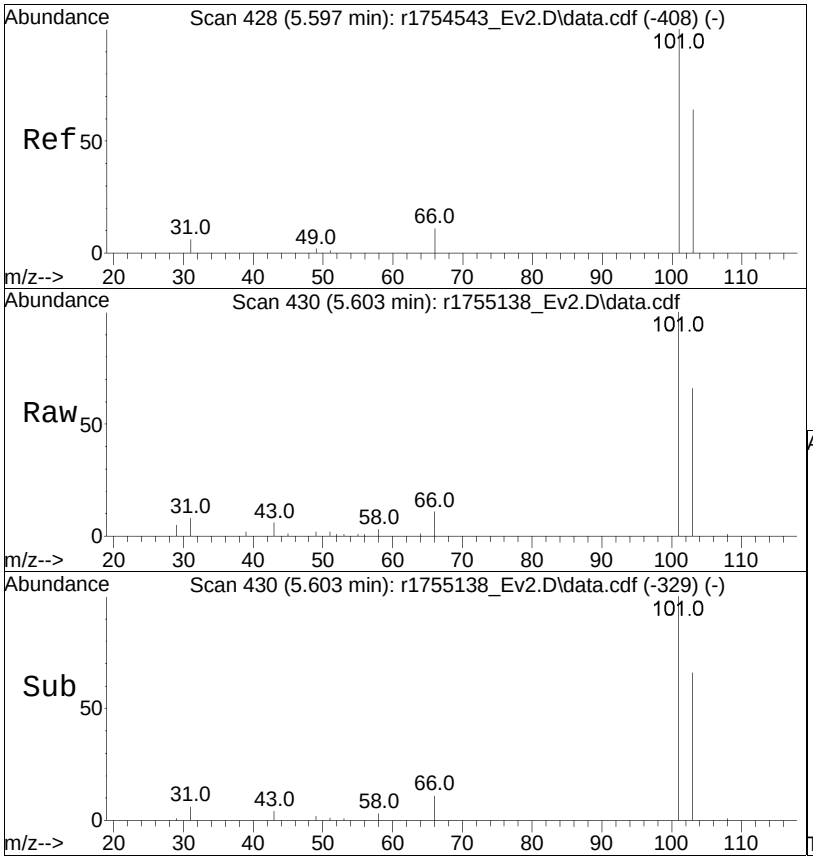


#11
ethanol
Concen: 1.80 ppbV
RT: 4.936 min Scan# 247
Delta R.T. 0.024 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 31 Resp: 32589

Ion	Ratio	Lower	Upper
31	100		
45	47.1	31.0	46.4#

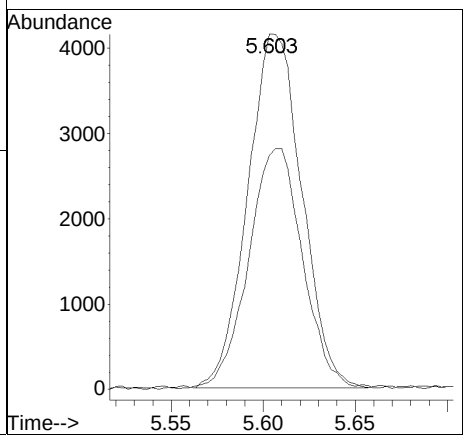


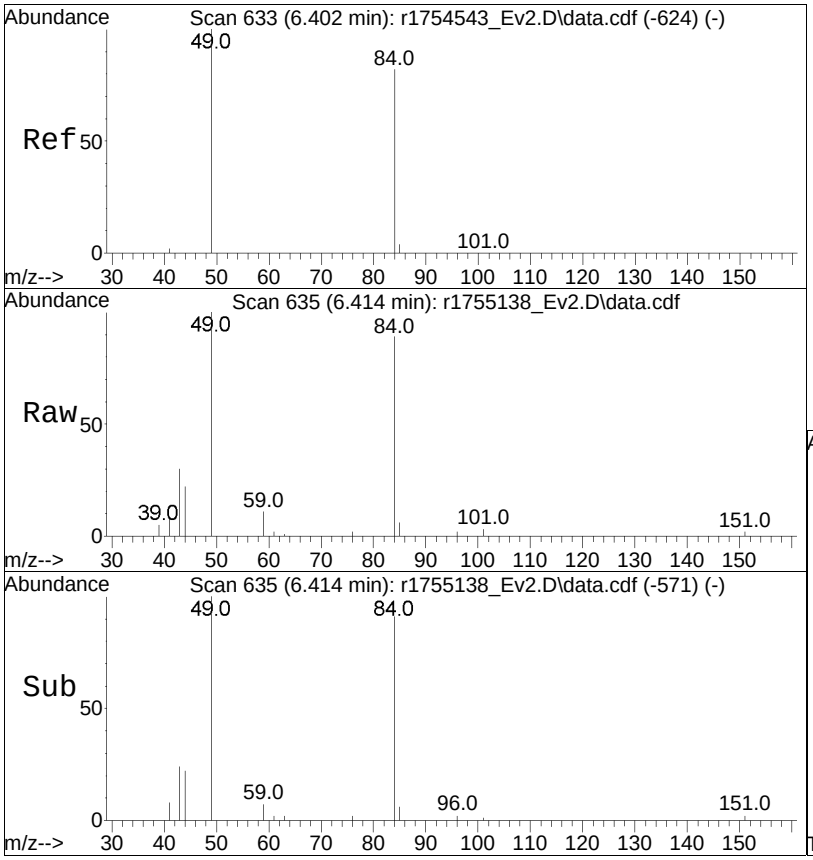


#15
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 5.603 min Scan# 430
Delta R.T. 0.007 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion:101 Resp: 8499

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.4	77.0

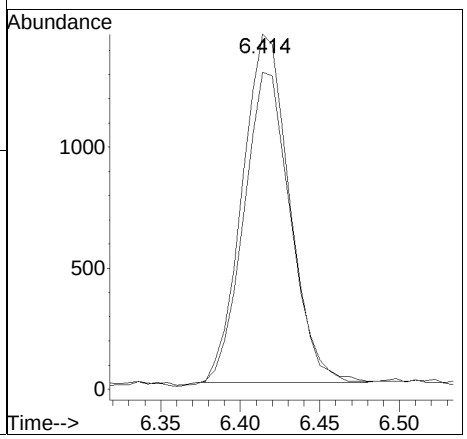


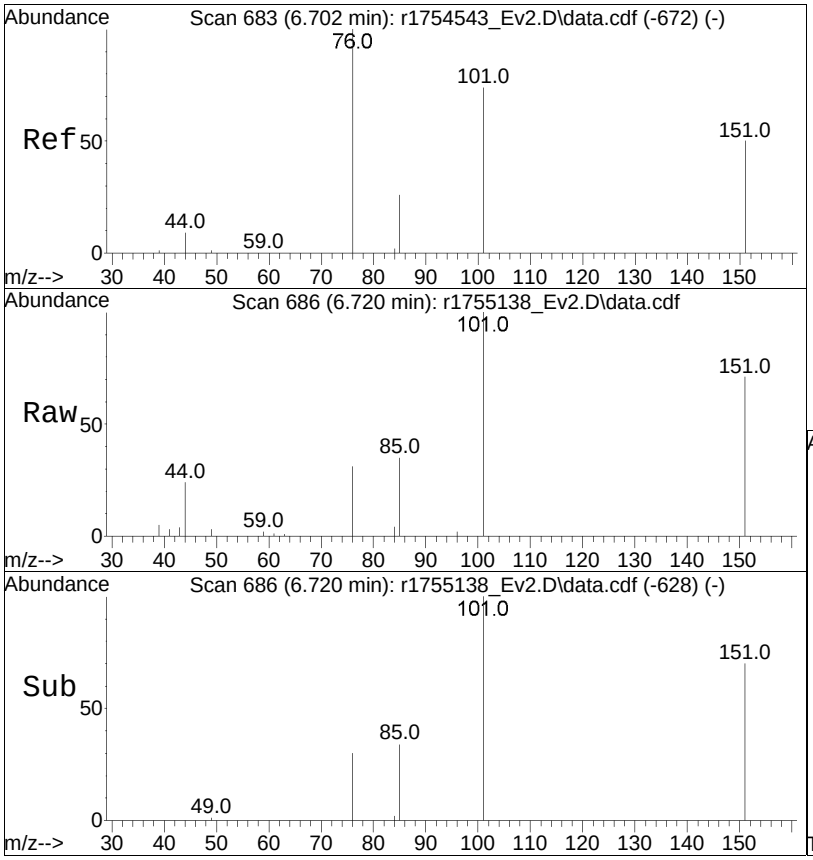


#20
methylene chloride
Concen: 0.14 ppbV
RT: 6.414 min Scan# 635
Delta R.T. 0.012 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 49 Resp: 2962

Ion	Ratio	Lower	Upper
49	100		
84	89.2	65.9	98.9

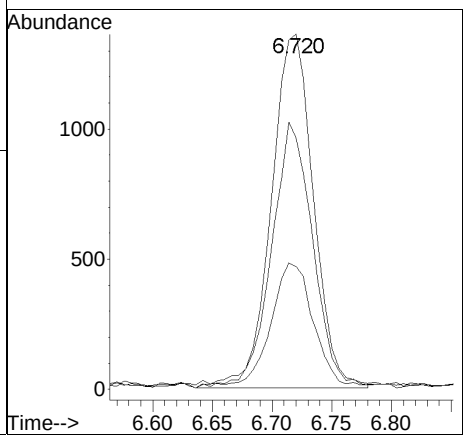


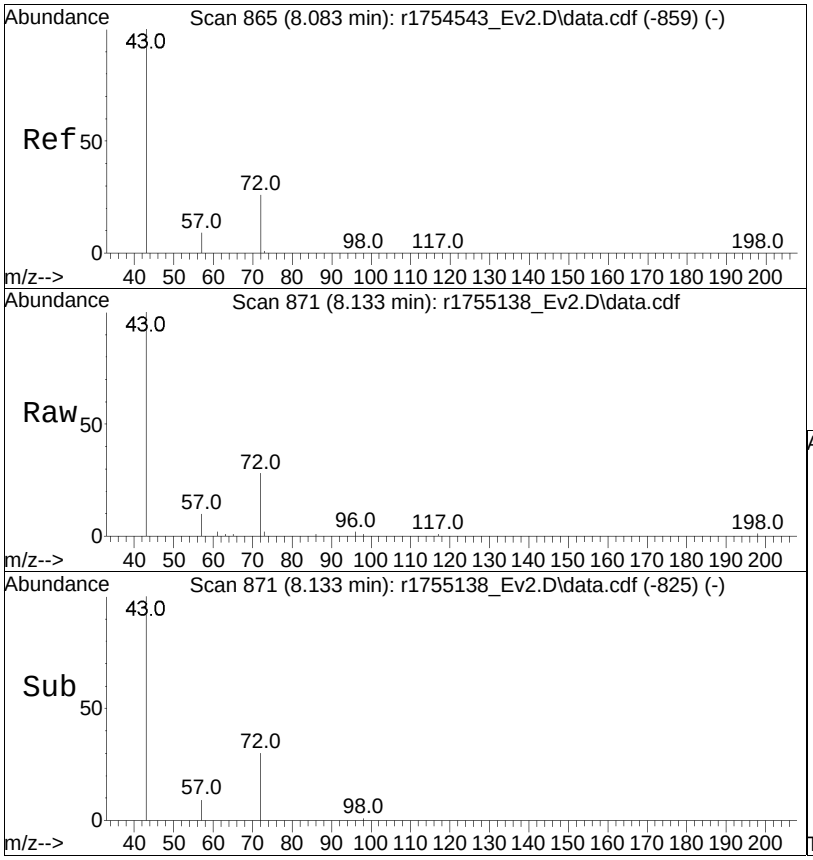


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.720 min Scan# 686
Delta R.T. 0.018 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion:101 Resp: 3320

Ion	Ratio	Lower	Upper
101	100		
85	34.6	27.5	41.3
151	70.8	53.4	80.0

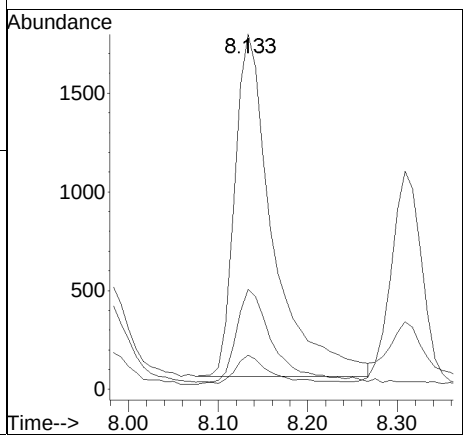


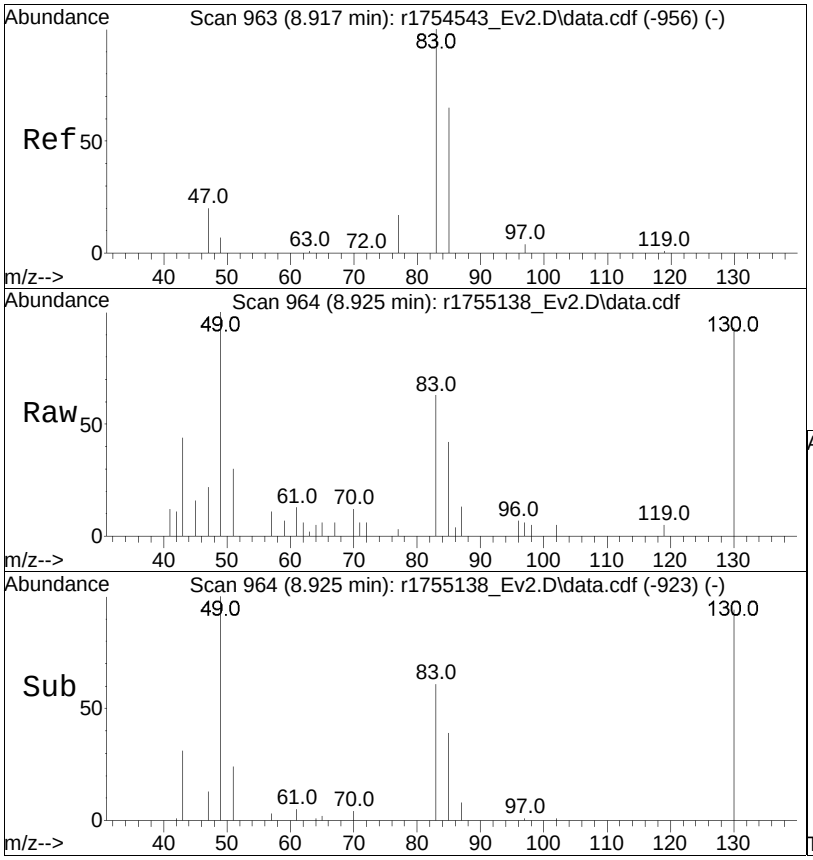


#28
2-butanone
Concen: 0.14 ppbV
RT: 8.133 min Scan# 871
Delta R.T. 0.050 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 43 Resp: 5121

Ion	Ratio	Lower	Upper
43	100		
72	28.1	20.7	31.1
57	9.6	6.9	10.3

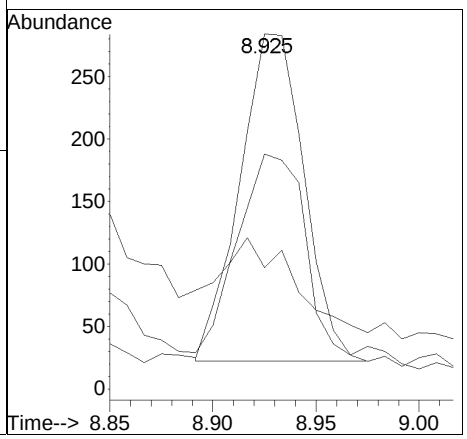


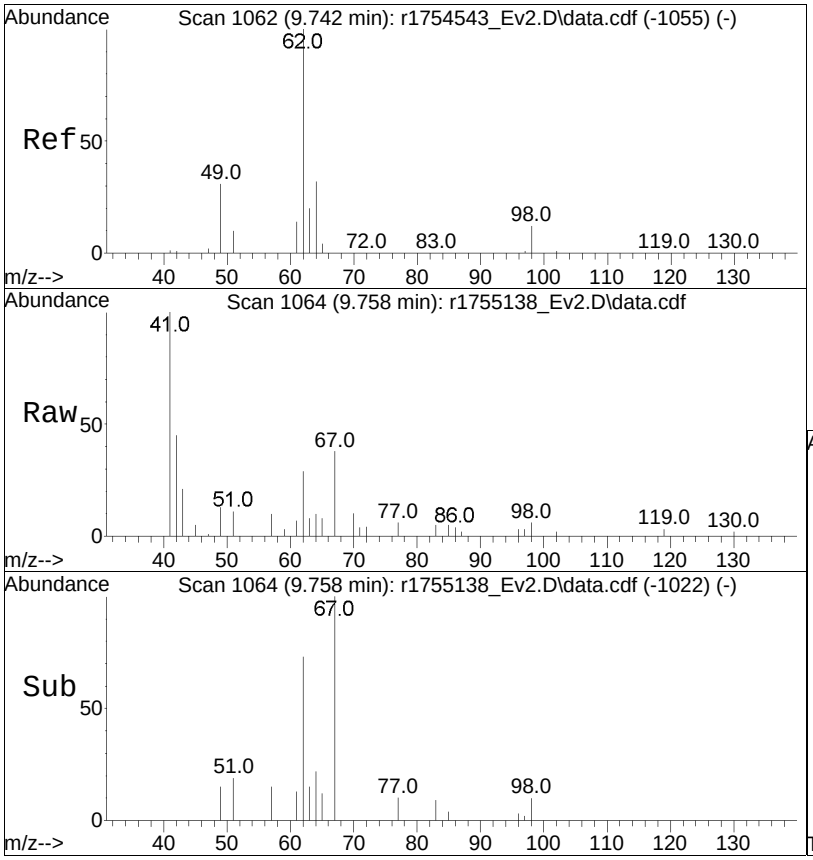


#31
chloroform
Concen: 0.02 ppbV
RT: 8.925 min Scan# 964
Delta R.T. 0.008 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 83 Resp: 569

Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.3	78.5
47	34.2	16.5	24.7#

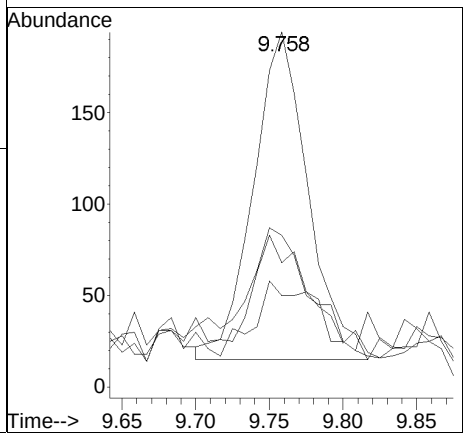


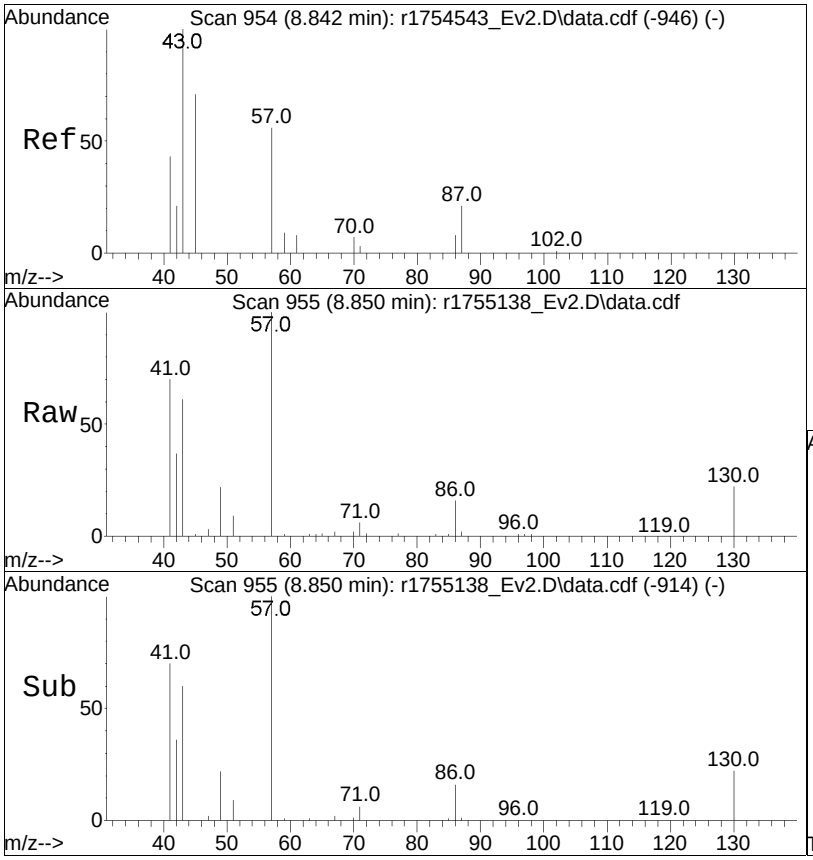


#33
1,2-dichloroethane
Concen: 0.02 ppbV
RT: 9.758 min Scan# 1064
Delta R.T. 0.017 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 62 Resp: 463

Ion	Ratio	Lower	Upper
62	100		
64	35.1	25.4	38.2
49	42.8	24.6	37.0#
63	25.8	15.9	23.9#

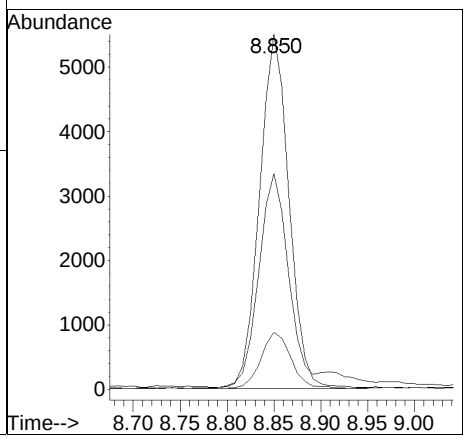


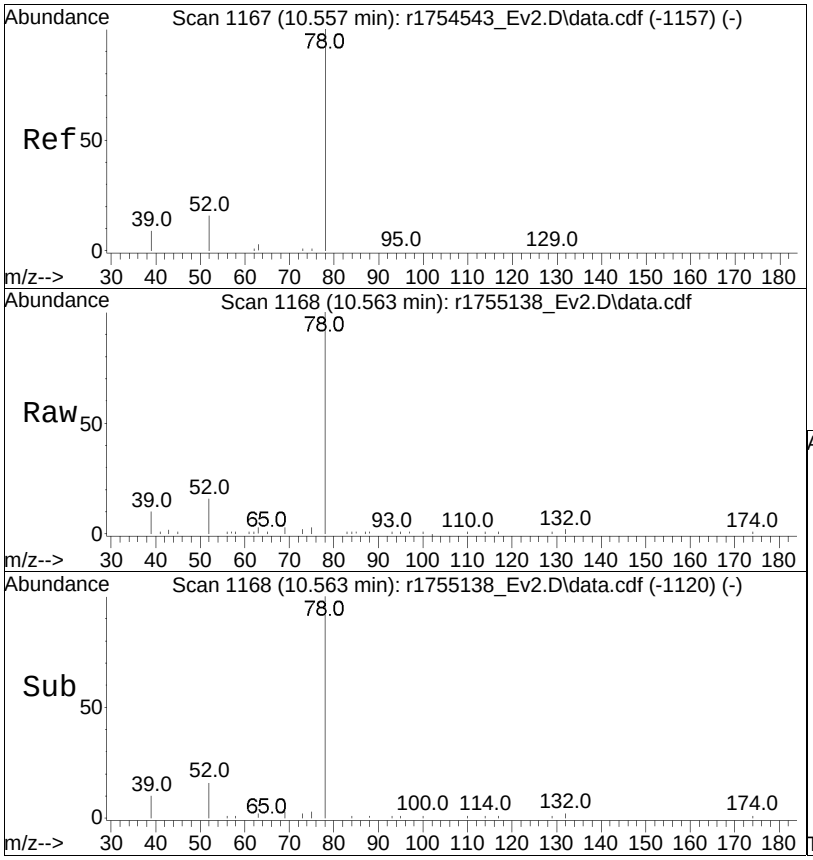


#35
hexane
Concen: 0.30 ppbV
RT: 8.850 min Scan# 955
Delta R.T. 0.008 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 57 Resp: 12041

Ion	Ratio	Lower	Upper
57	100		
43	60.8	143.4	215.2#
86	16.1	11.9	17.9

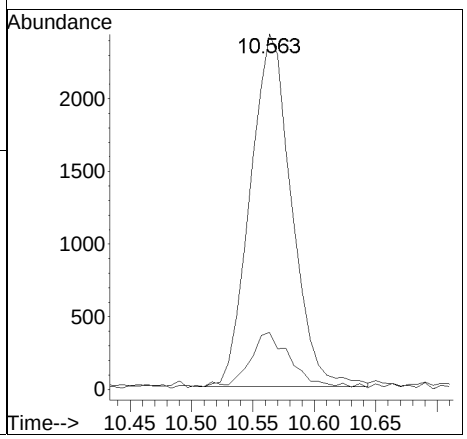


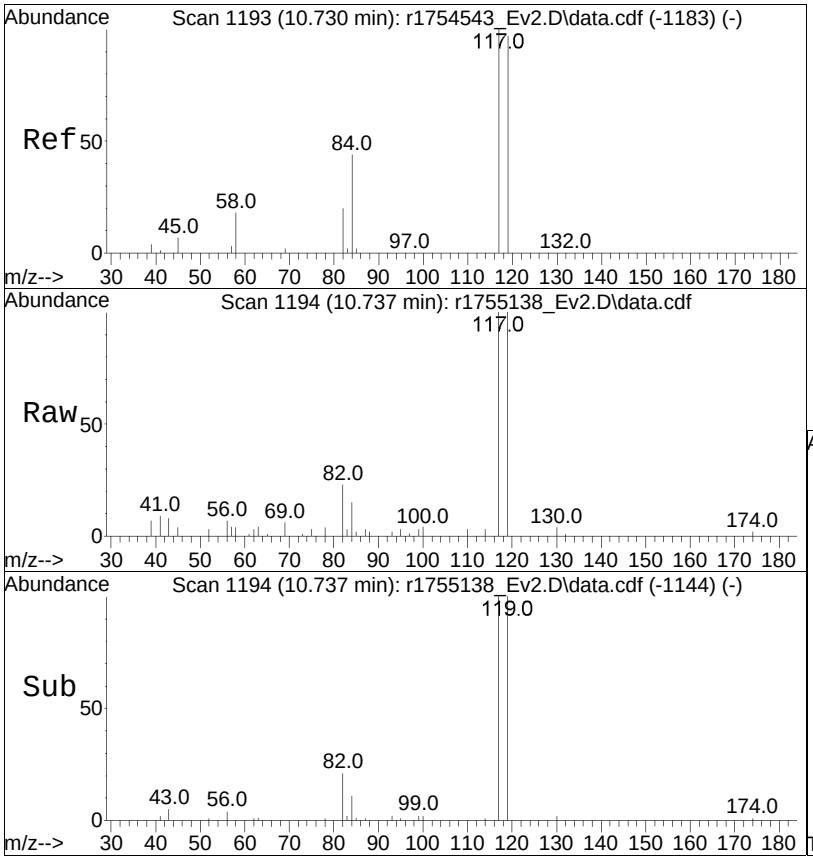


#38
benzene
Concen: 0.07 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. 0.007 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 78 Resp: 5691

Ion	Ratio	Lower	Upper
78	100		
52	16.1	12.7	19.1

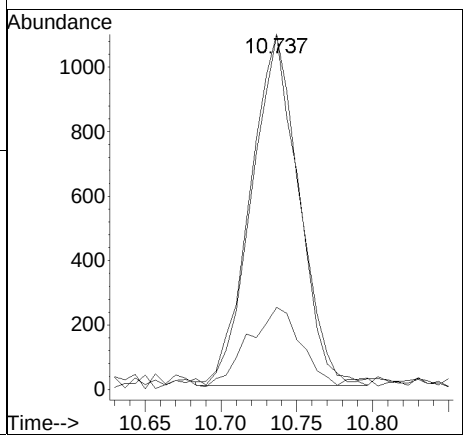


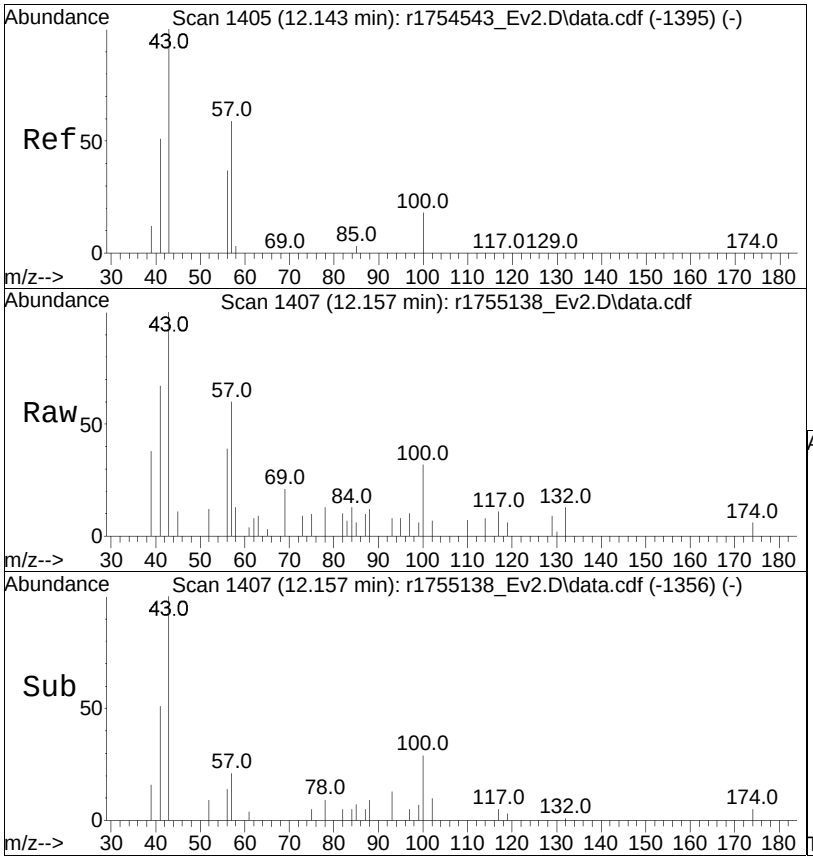


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.737 min Scan# 1194
Delta R.T. 0.007 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion:117 Resp: 2396

Ion	Ratio	Lower	Upper
117	100		
119	99.7	77.3	115.9
82	23.1	16.2	24.2

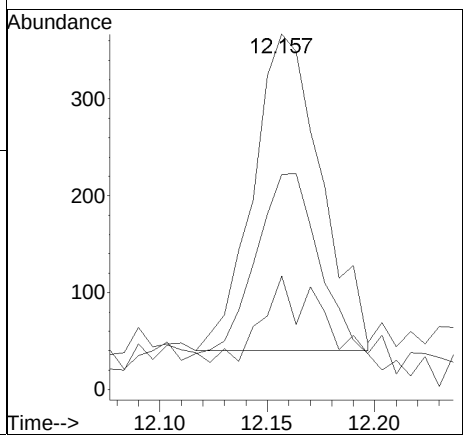


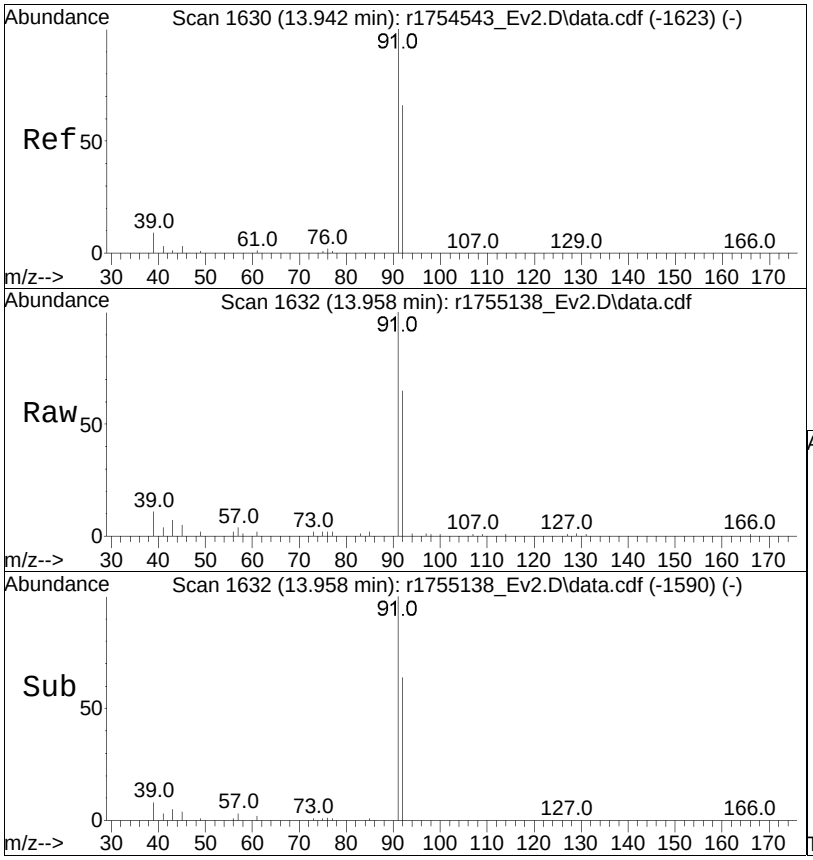


#47
heptane
Concen: 0.02 ppbV
RT: 12.157 min Scan# 1407
Delta R.T. 0.013 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 43 Resp: 721

Ion	Ratio	Lower	Upper
43	100		
57	60.5	47.2	70.8
100	31.9	14.9	22.3#

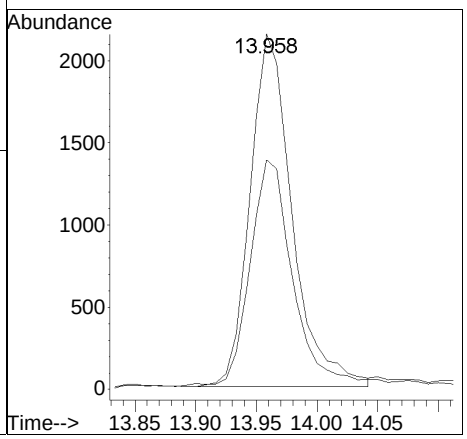


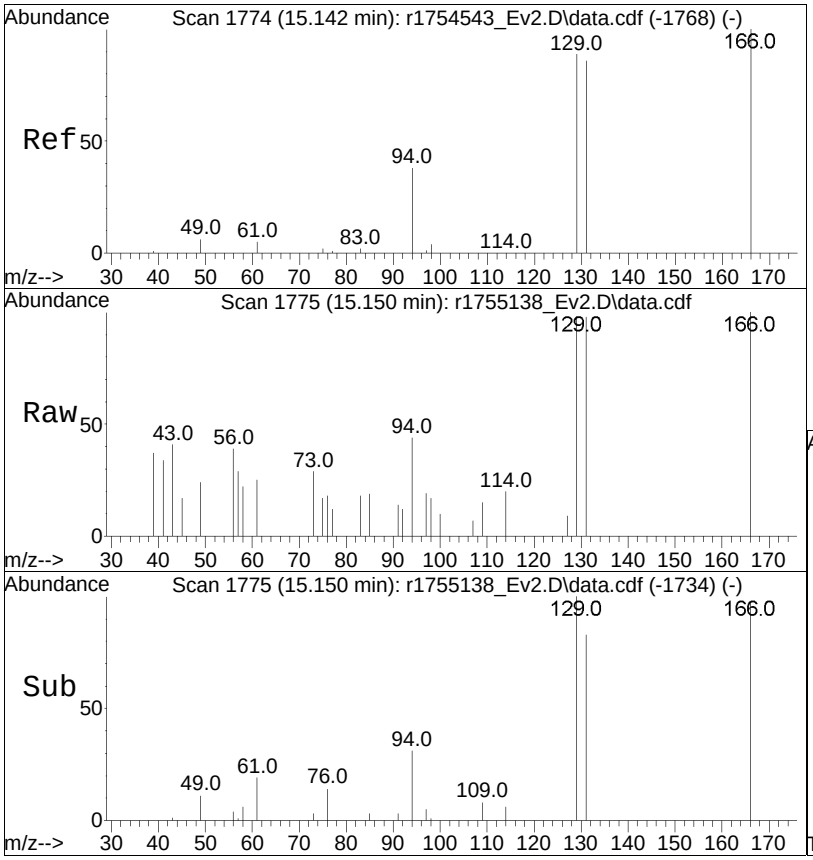


#53
toluene
Concen: 0.06 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. 0.017 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 91 Resp: 5179

Ion	Ratio	Lower	Upper
91	100		
92	64.6	52.6	78.8

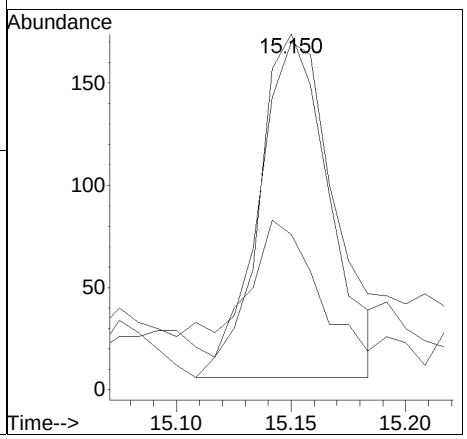


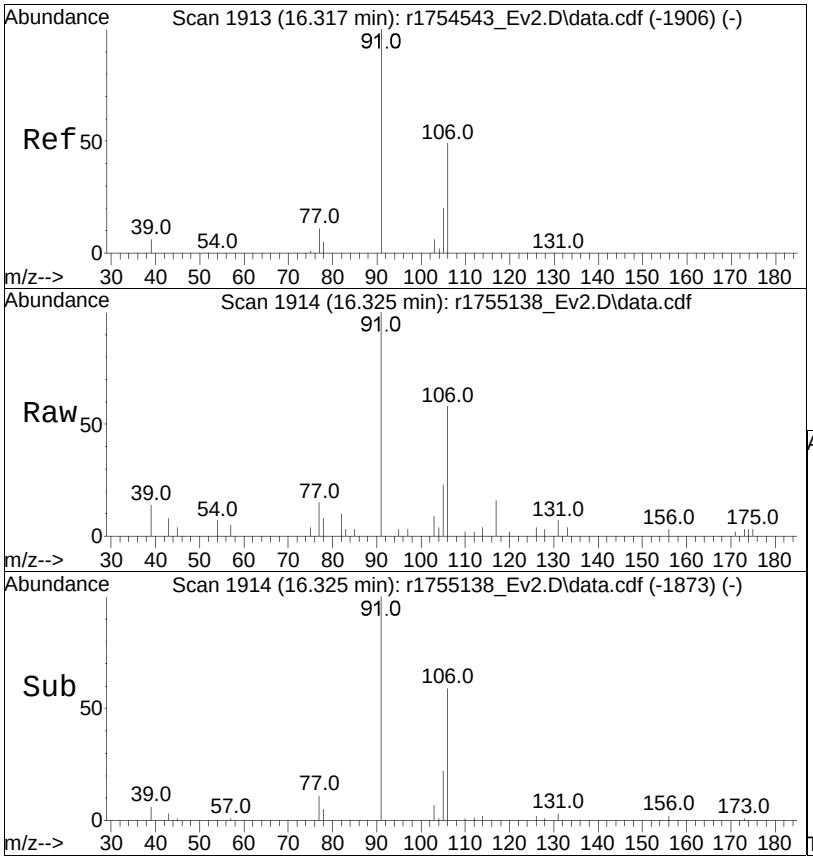


#58
tetrachloroethene
Concen: 0.01 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. 0.008 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion:166 Resp: 356

Ion	Ratio	Lower	Upper
166	100		
131	97.7	69.1	103.7
94	43.7	30.7	46.1

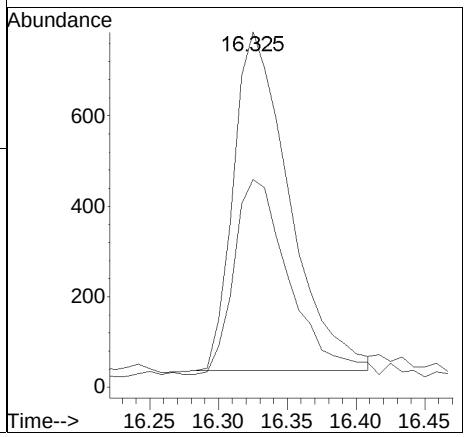


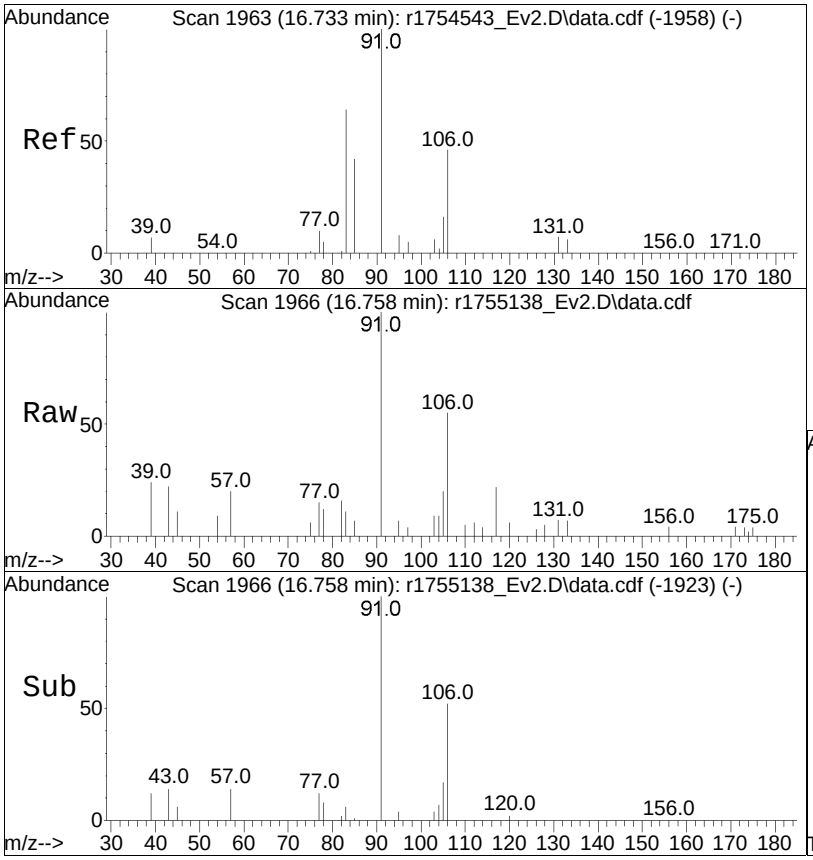


#62
m+p-xylene
Concen: 0.03 ppbV
RT: 16.325 min Scan# 1914
Delta R.T. 0.008 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 91 Resp: 2112

Ion	Ratio	Lower	Upper
91	100		
106	58.5	39.4	59.0

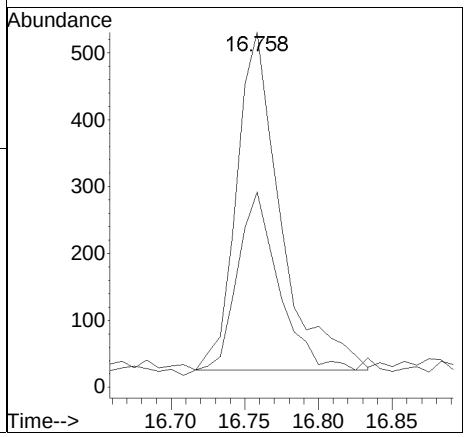


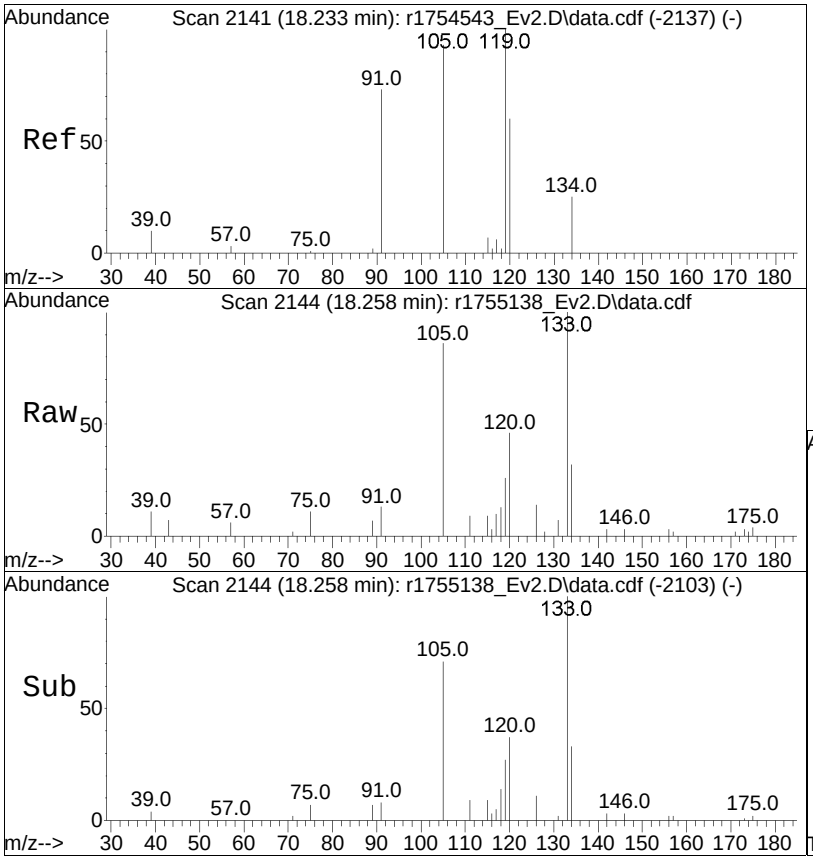


#66
o-xylene
Concen: 0.01 ppbV
RT: 16.758 min Scan# 1966
Delta R.T. 0.025 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion: 91 Resp: 1054

Ion	Ratio	Lower	Upper
91	100		
106	55.0	37.0	55.4

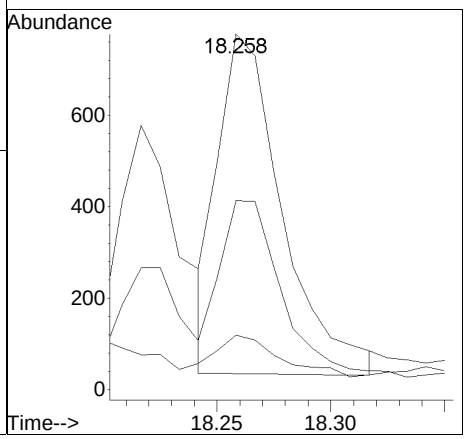




#74
1,2,4-trimethylbenzene
Concen: 0.02 ppbV m
RT: 18.258 min Scan# 2144
Delta R.T. 0.025 min
Lab File: r1755138_Ev2.D
Acq: 28 Mar 2026 3:52 AM

Tgt Ion:105 Resp: 1458

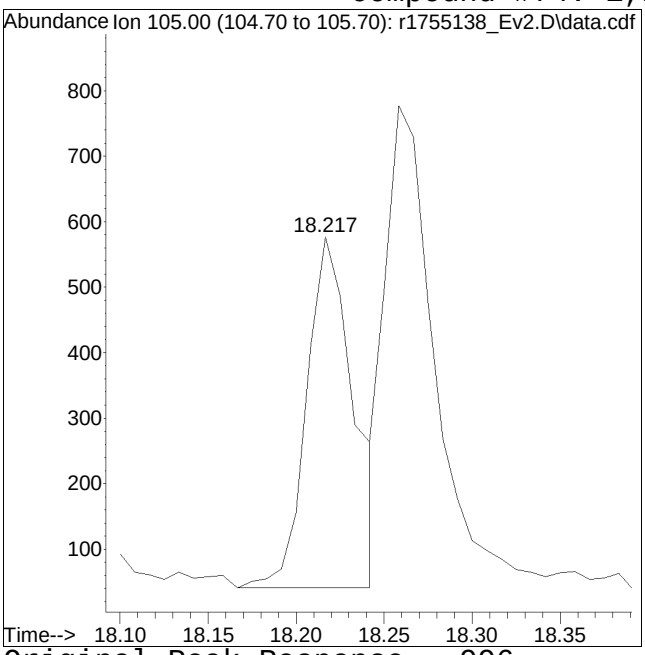
Ion	Ratio	Lower	Upper
105	100		
120	53.2	51.8	77.8
91	15.3	63.4	95.2#

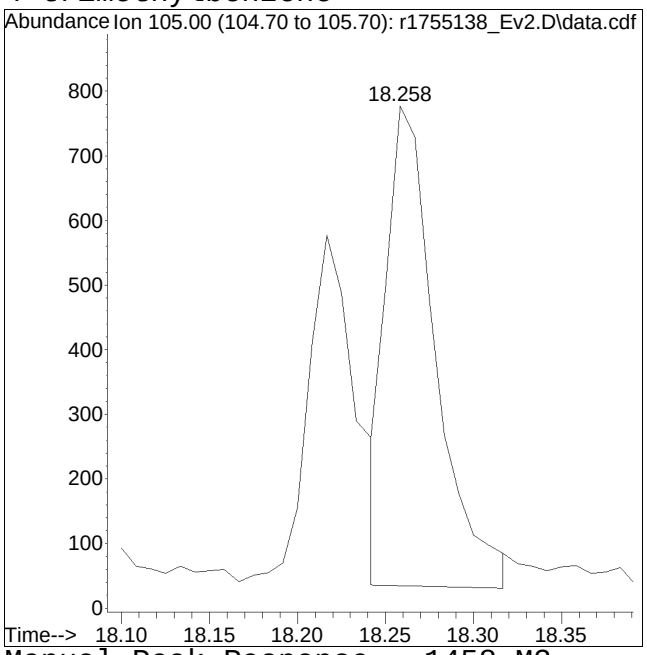


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755138_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/28/2026 3:52 AM Instrument :
Sample : L2612589-16,3,250,250 Quant Date : 3/28/2026 12:37 pm

Compound #74: 1,2,4-trimethylbenzene





Original Peak Response = 996 Manual Peak Response = 1458 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\Airlab17\2026\03\0327SIM\
Data File : r1755139_Ev2.D
Acq On : 28 Mar 2026 4:30 AM
Operator : AIRLAB17:SL
Sample : L2612589-02,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:41 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	250163	10.000	ppbV	0.00
Standard Area = 255556			Recovery = 97.89%			
34) 1,4-difluorobenzene	10.983	114	866731	10.000	ppbV	0.00
Standard Area = 912824			Recovery = 94.95%			
52) chlorobenzene-D5	15.750	54	109790	10.000	ppbV	0.00
Standard Area = 110427			Recovery = 99.42%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.850	85	23929	0.629	ppbV	99
5) chloromethane	4.000	50	8877	0.493	ppbV	97
6) Freon-114	4.108	85	789	0.017	ppbV	95
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	4.618		0	N.D.		
10) chloroethane	4.798		0	N.D.		
11) ethanol	4.924	31	556800	30.922	ppbV #	85
15) trichlorofluoromethane	5.603	101	8610	0.221	ppbV	99
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.	d	
20) methylene chloride	6.414	49	2884	0.137	ppbV	94
23) Freon 113	6.714	101	3221	0.075	ppbV	98
24) trans-1,2-dichloroethene	0.000		0	N.D.		
25) 1,1-dichloroethane	0.000		0	N.D.		
26) MTBE	7.700		0	N.D.		
28) 2-butanone	8.117	43	7089	0.192	ppbV	97
29) cis-1,2-dichloroethene	0.000		0	N.D.		
31) chloroform	8.925	83	843	0.022	ppbV #	94
33) 1,2-dichloroethane	9.750	62	801	0.032	ppbV	95
35) hexane	8.850	57	4467	0.112	ppbV #	24
37) 1,1,1-trichloroethane	10.042	97	435	0.011	ppbV #	95
38) benzene	10.563	78	5851	0.077	ppbV	94
39) carbon tetrachloride	10.737	117	2282	0.069	ppbV	95
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.510	63	688	0.022	ppbV #	84
43) bromodichloromethane	11.730		0	N.D.		
44) 1,4-dioxane	11.877		0	N.D.		
45) trichloroethene	11.783		0	N.D.		

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755139_Ev2.D
Acq On : 28 Mar 2026 4:30 AM
Operator : AIRLAB17:SL
Sample : L2612589-02,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:41 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

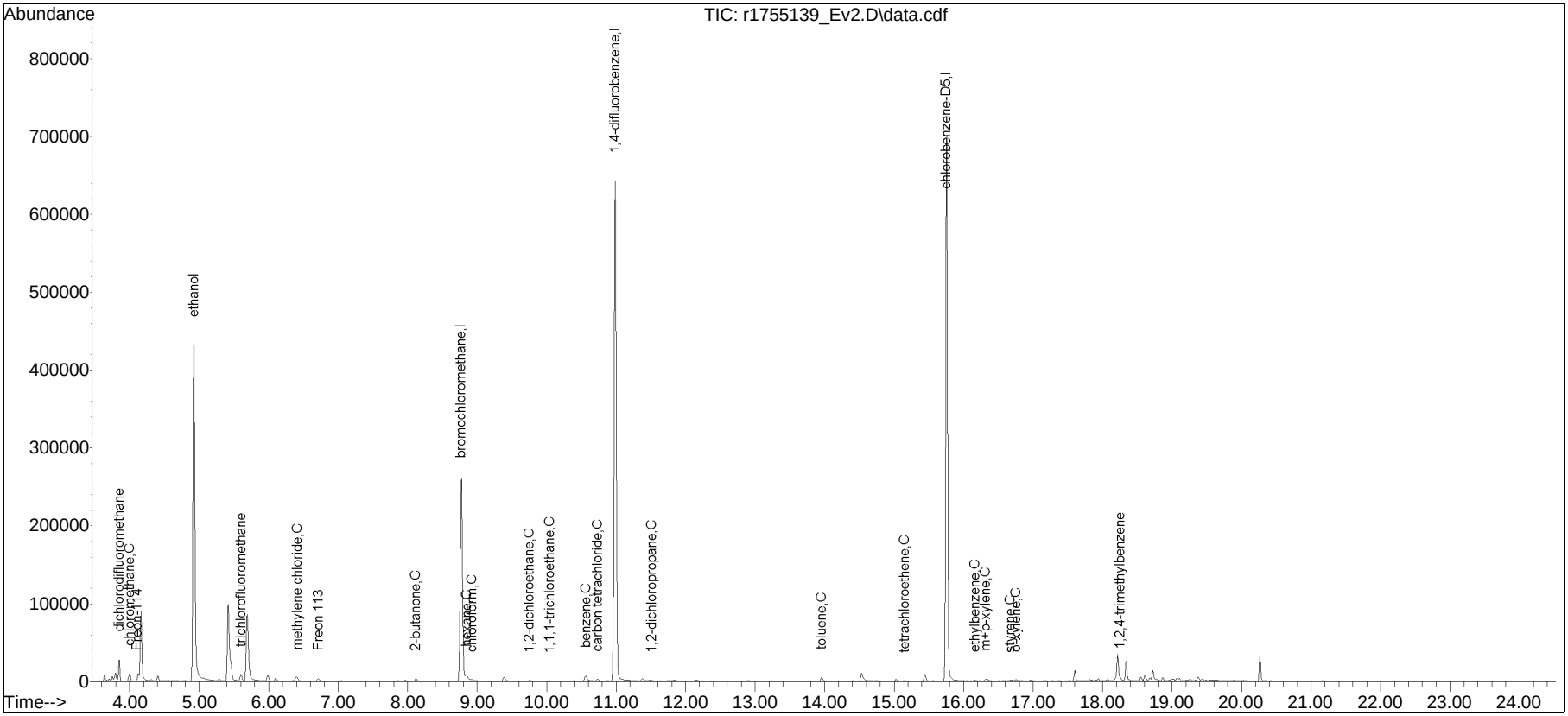
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D. d		
47) heptane	0.000		0	N.D. d		
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	12.908		0	N.D.		
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.958	91	6326	0.074	ppbV	98
56) dibromochloromethane	0.000		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.150	166	376	0.011	ppbV #	79
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.167	91	1385	0.013	ppbV	93
62) m+p-xylene	16.317	91	3105	0.037	ppbV	94
63) bromoform	0.000		0	N.D.		
64) styrene	16.667	104	610	0.010	ppbV #	84
65) 1,1,2,2-tetrachloroethane	16.783		0	N.D.		
66) o-xylene	16.750	91	1273	0.015	ppbV	97
72) 1,3,5-trimethylbenzene	17.908		0	N.D.		
74) 1,2,4-trimethylbenzene	18.250	105	2030	0.024	ppbV #	52
75) Benzyl Chloride	18.392		0	N.D.		
76) 1,3-dichlorobenzene	18.400		0	N.D.		
77) 1,4-dichlorobenzene	18.400		0	N.D.		
81) 1,2-dichlorobenzene	18.733		0	N.D.		
84) 1,2,4-trichlorobenzene	20.225		0	N.D.		
85) naphthalene	20.267		0	N.D.		
87) hexachlorobutadiene	20.642		0	N.D.		

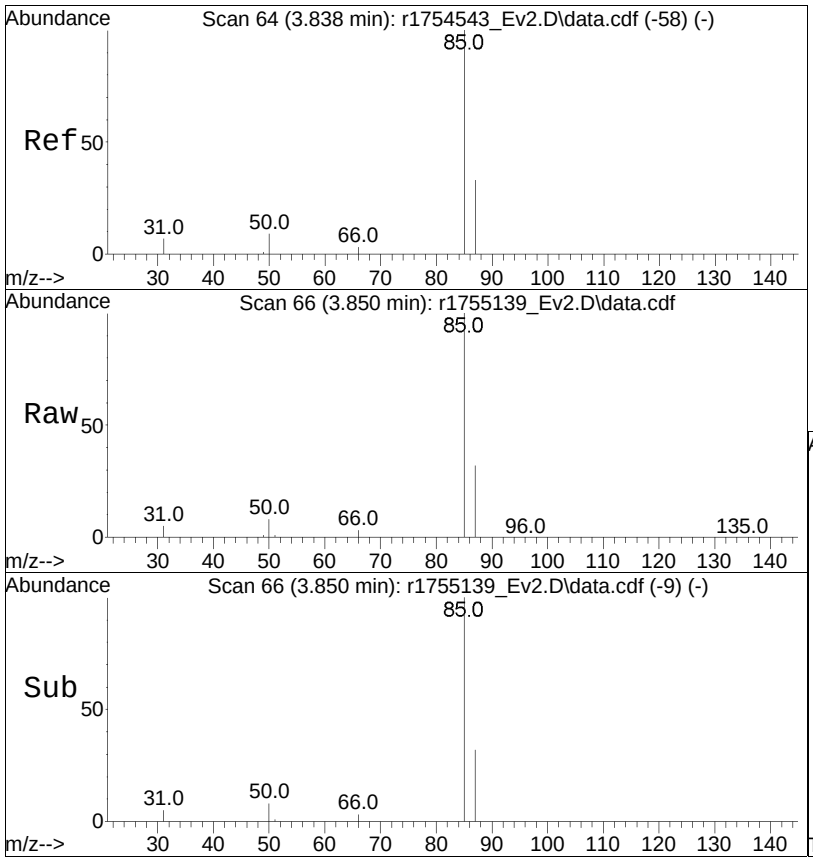
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755139_Ev2.D
Acq On : 28 Mar 2026 4:30 AM
Operator : AIRLAB17:SL
Sample : L2612589-02,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:41 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

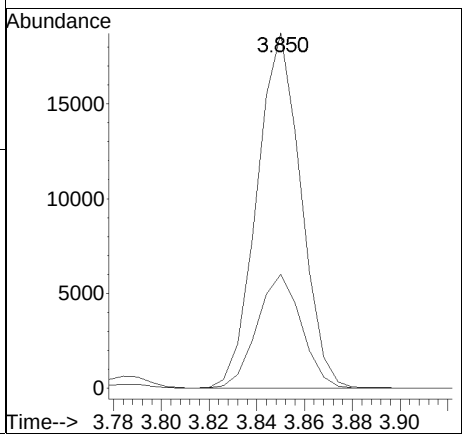


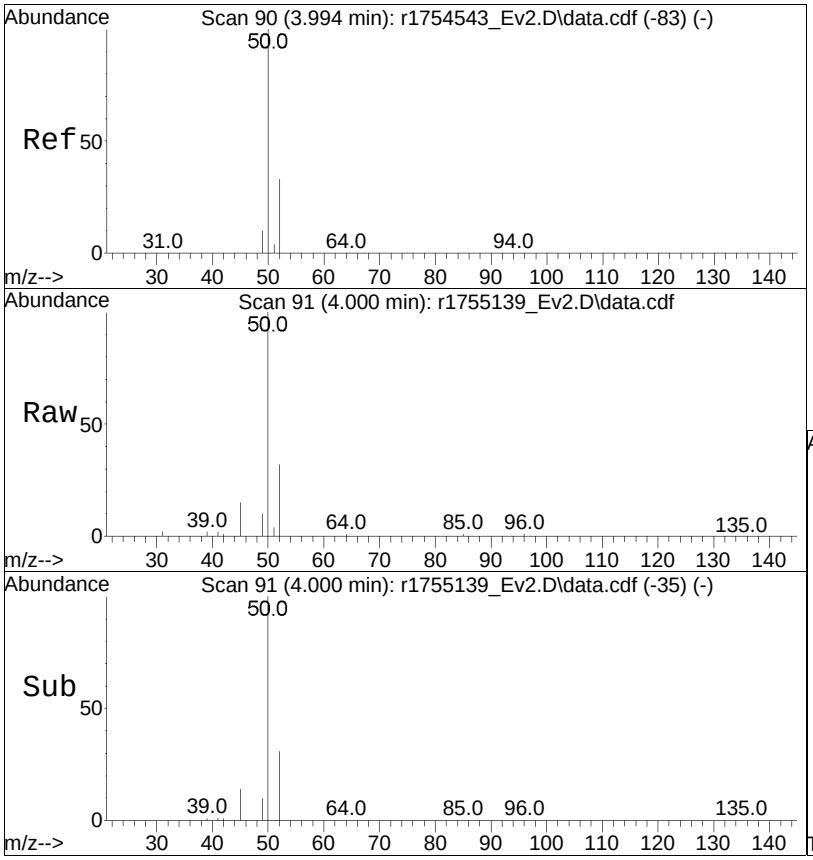


#4
dichlorodifluoromethane
Concen: 0.63 ppbV
RT: 3.850 min Scan# 66
Delta R.T. 0.012 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 85 Resp: 23929

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.2	39.4

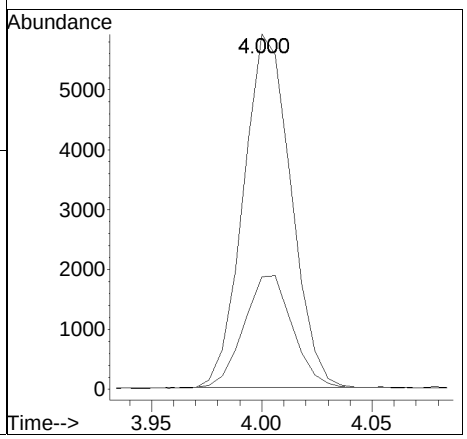


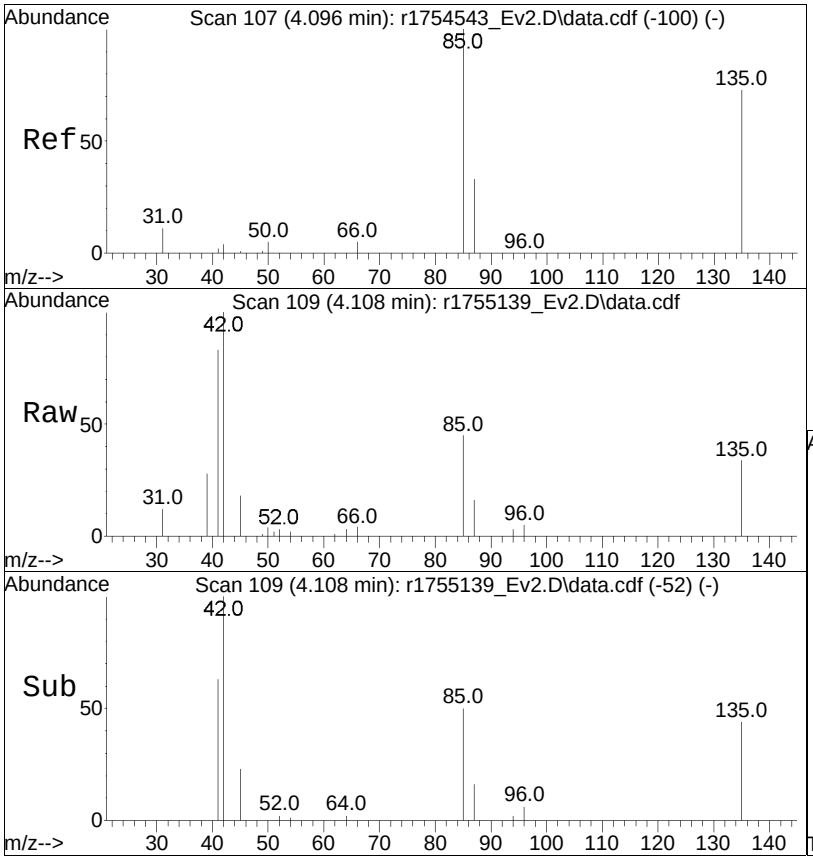


#5
chloromethane
Concen: 0.49 ppbV
RT: 4.000 min Scan# 91
Delta R.T. 0.006 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 50 Resp: 8877

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.6	39.8

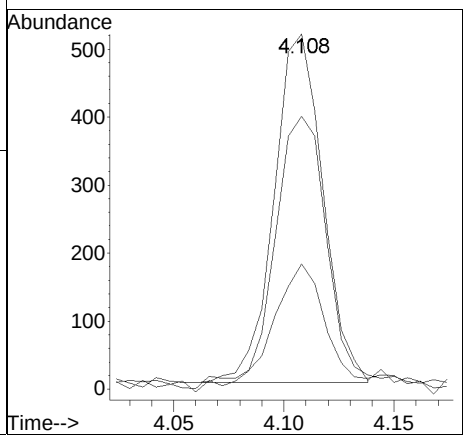


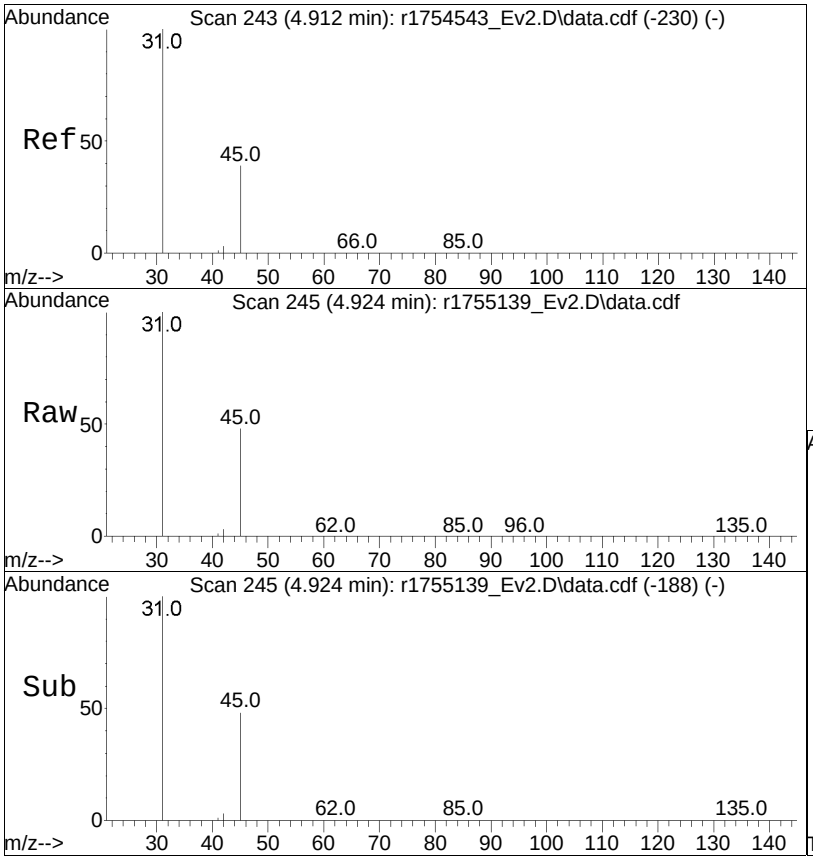


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.108 min Scan# 109
Delta R.T. 0.012 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 85 Resp: 789

Ion	Ratio	Lower	Upper
85	100		
87	35.2	26.2	39.4
135	76.8	58.1	87.1

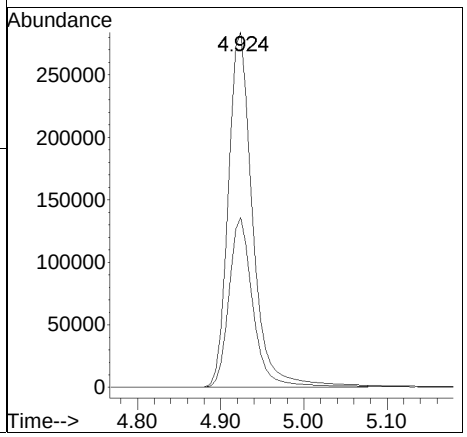


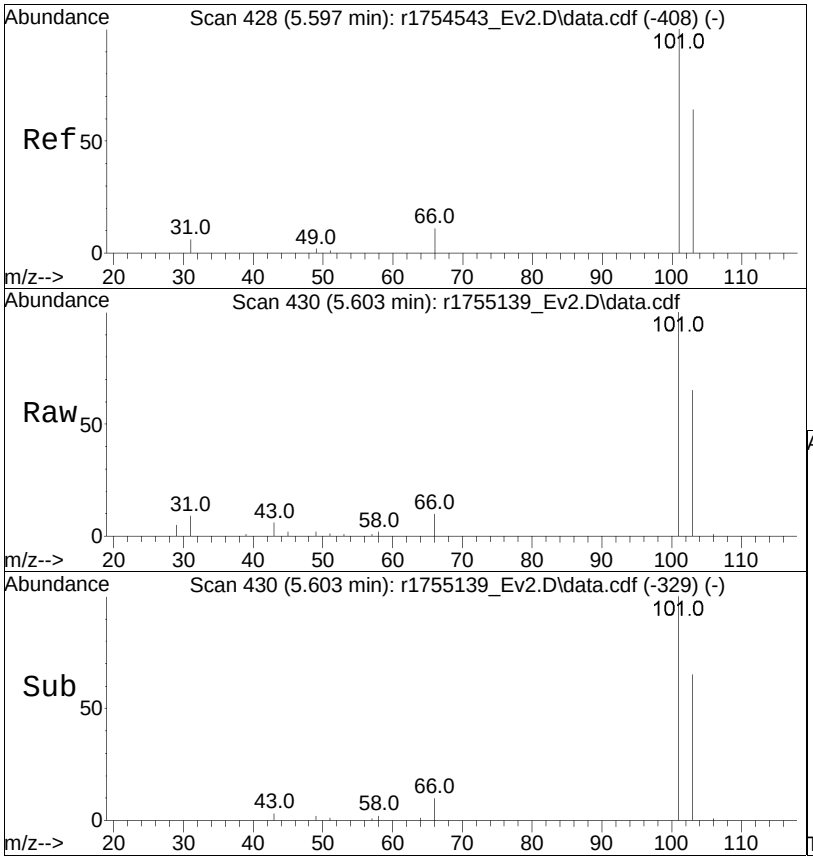


#11
ethanol
Concen: 30.92 ppbV
RT: 4.924 min Scan# 245
Delta R.T. 0.012 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 31 Resp: 556800

Ion	Ratio	Lower	Upper
31	100		
45	47.9	31.0	46.4#

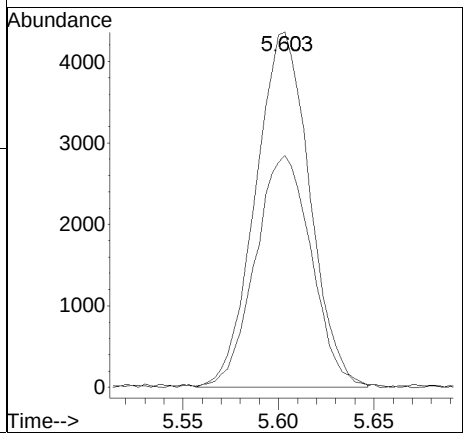


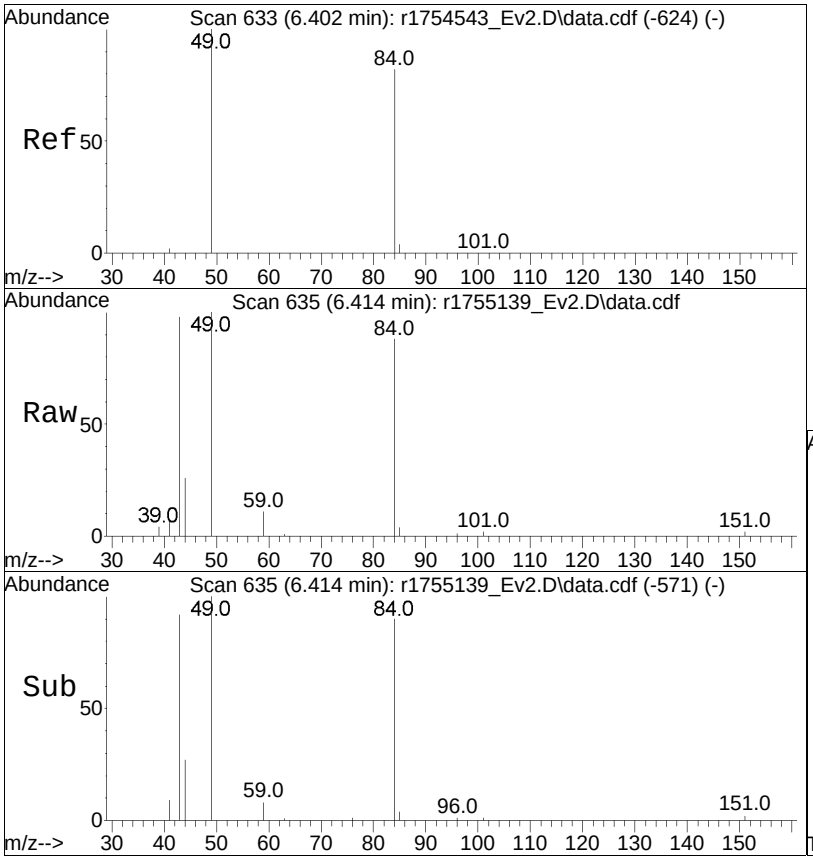


#15
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 5.603 min Scan# 430
Delta R.T. 0.007 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion:101 Resp: 8610

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.4	77.0

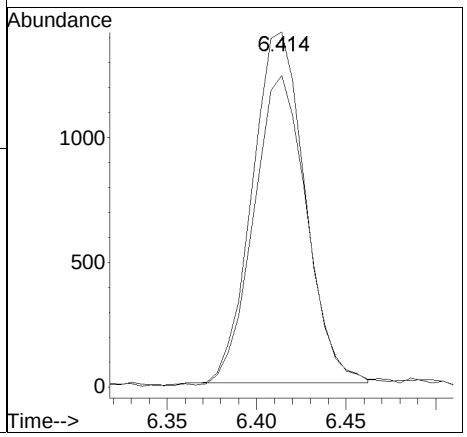


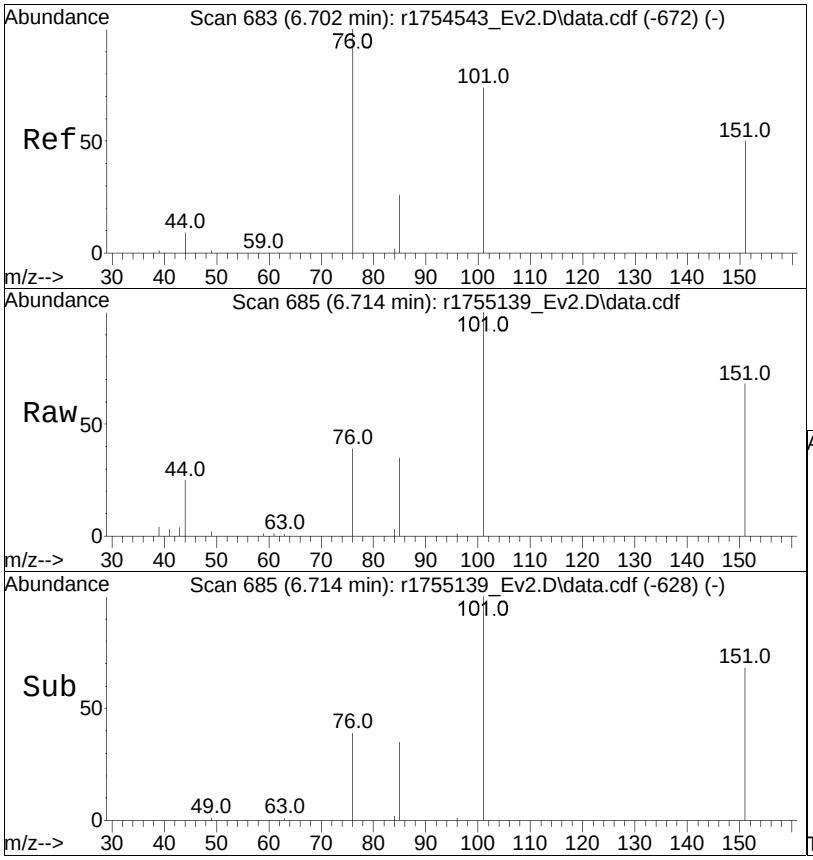


#20
methylene chloride
Concen: 0.14 ppbV
RT: 6.414 min Scan# 635
Delta R.T. 0.012 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 49 Resp: 2884

Ion	Ratio	Lower	Upper
49	100		
84	87.8	65.9	98.9

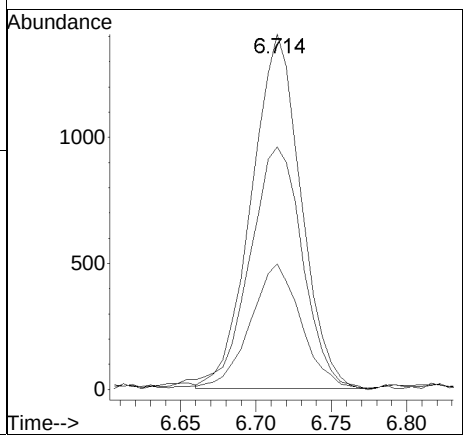


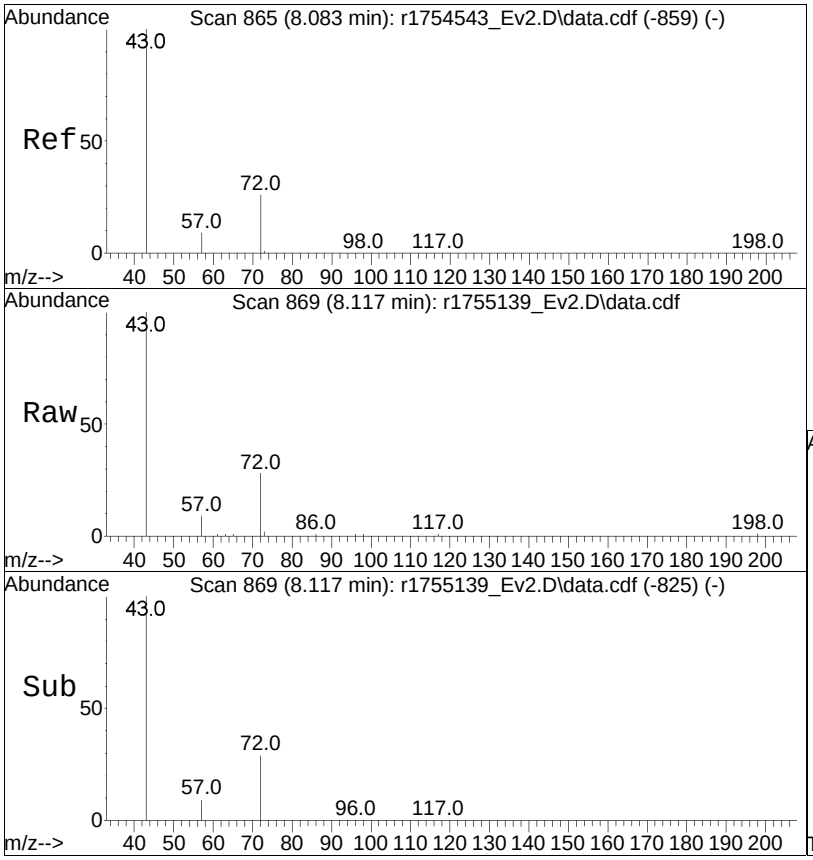


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.714 min Scan# 685
Delta R.T. 0.012 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion:101 Resp: 3221

Ion	Ratio	Lower	Upper
101	100		
85	35.4	27.5	41.3
151	68.2	53.4	80.0

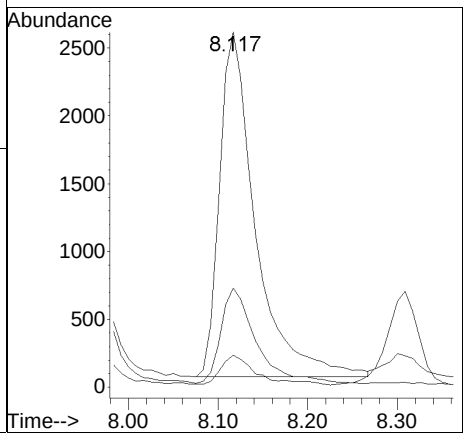


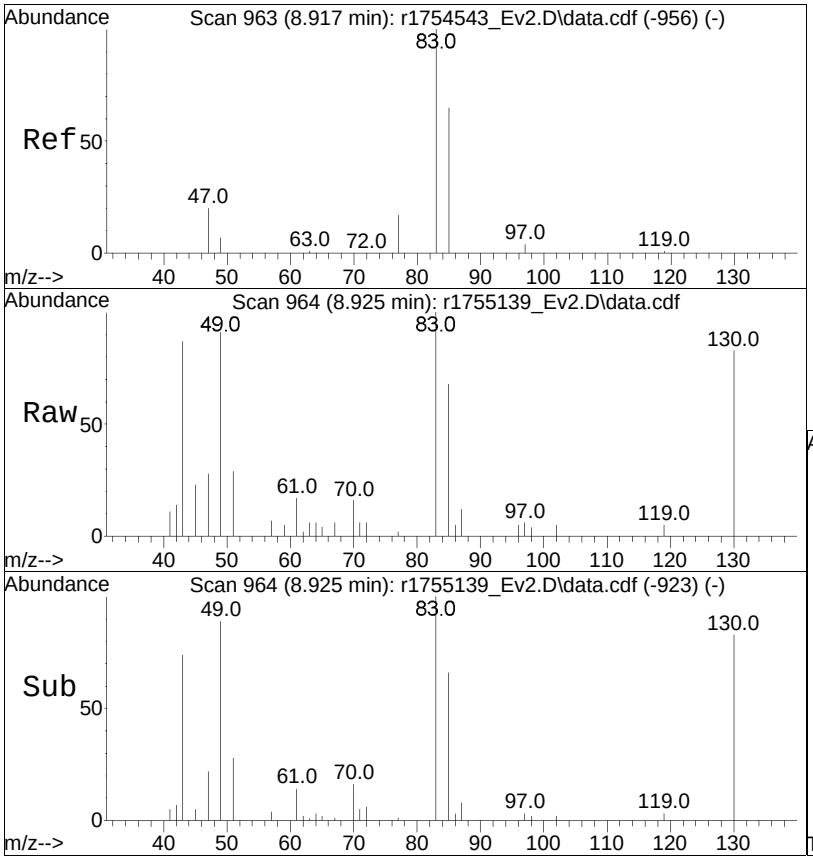


#28
2-butanone
Concen: 0.19 ppbV
RT: 8.117 min Scan# 869
Delta R.T. 0.033 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 43 Resp: 7089

Ion	Ratio	Lower	Upper
43	100		
72	27.9	20.7	31.1
57	9.1	6.9	10.3

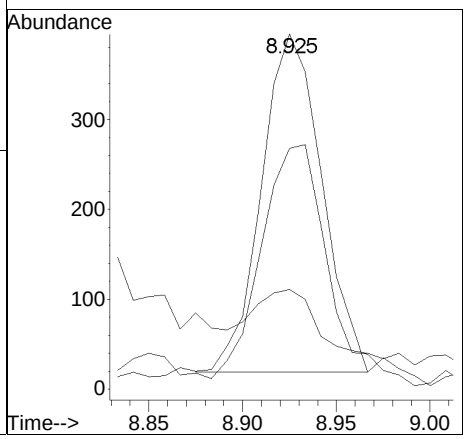


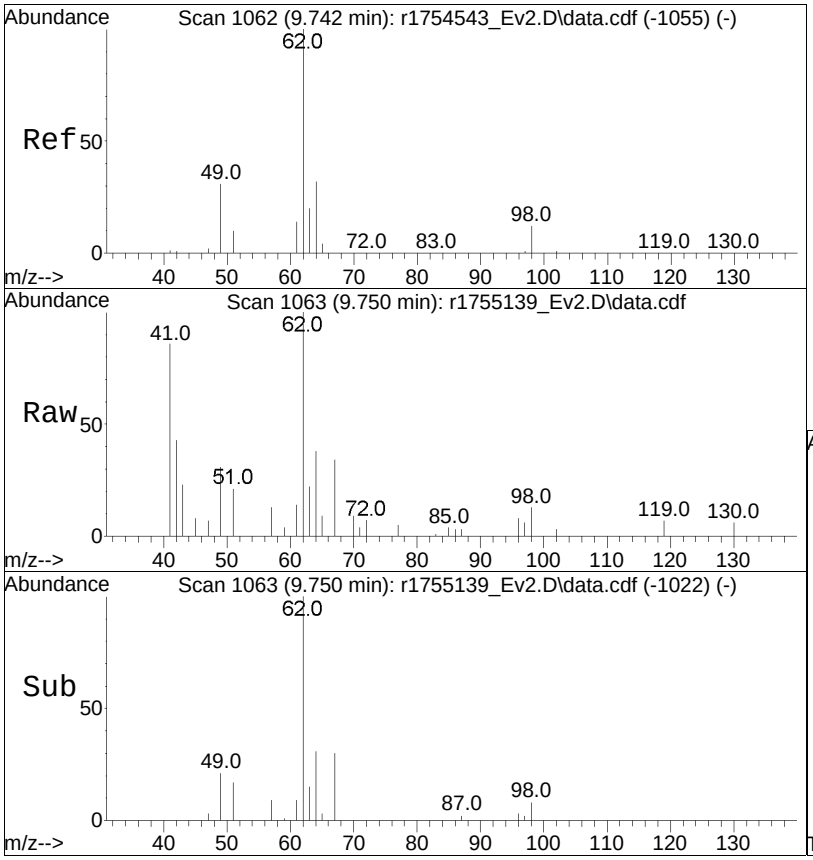


#31
chloroform
Concen: 0.02 ppbV
RT: 8.925 min Scan# 964
Delta R.T. 0.008 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 83 Resp: 843

Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.3	78.5
47	28.1	16.5	24.7#

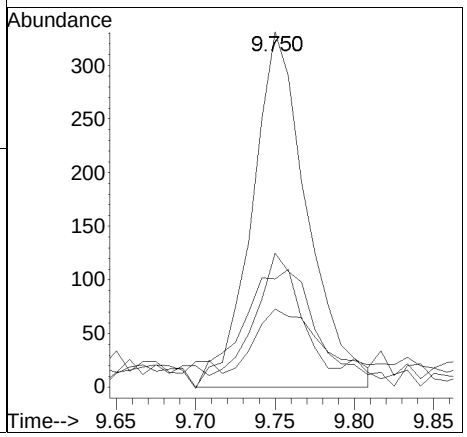


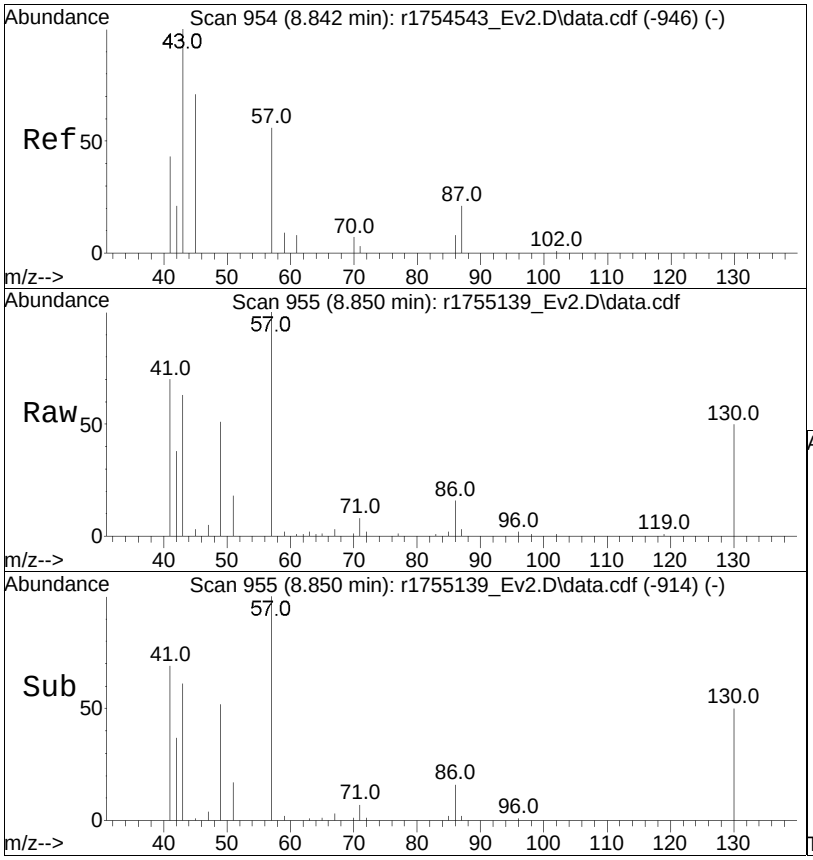


#33
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 9.750 min Scan# 1063
Delta R.T. 0.008 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 62 Resp: 801

Ion	Ratio	Lower	Upper
62	100		
64	37.8	25.4	38.2
49	30.5	24.6	37.0
63	22.1	15.9	23.9

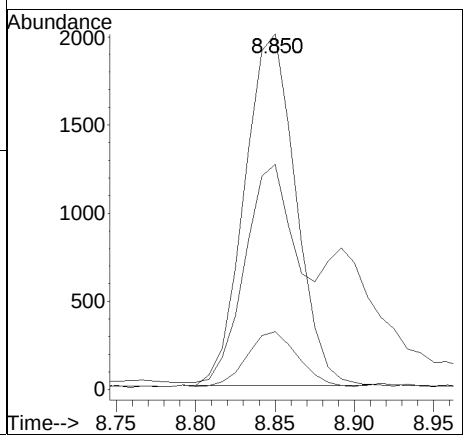


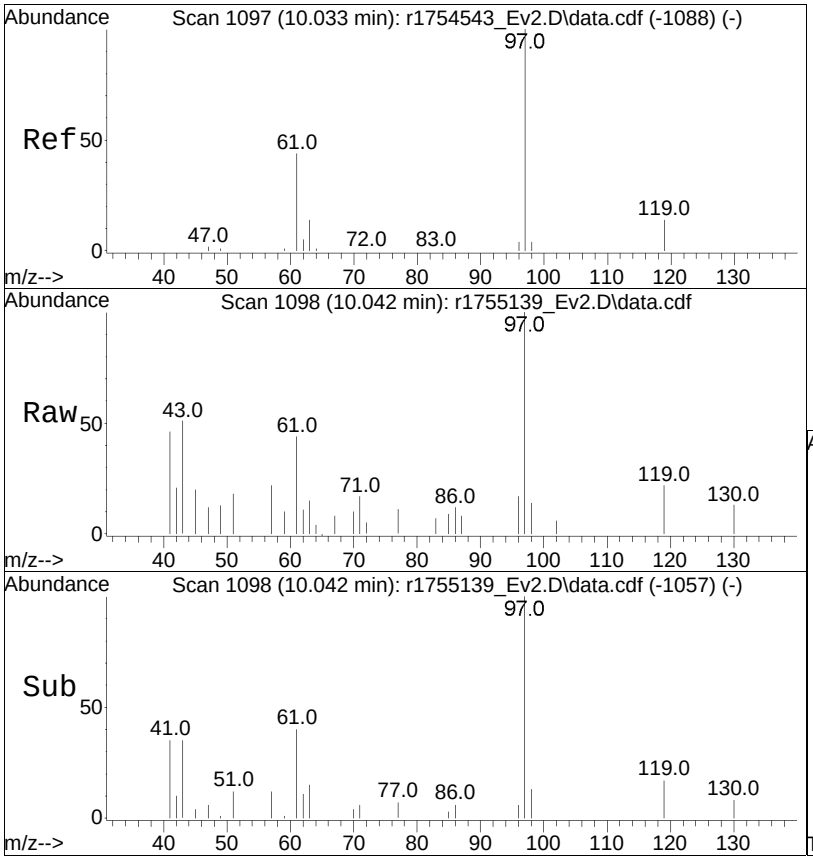


#35
hexane
Concen: 0.11 ppbV
RT: 8.850 min Scan# 955
Delta R.T. 0.008 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 57 Resp: 4467

Ion	Ratio	Lower	Upper
57	100		
43	63.3	143.4	215.2#
86	16.3	11.9	17.9

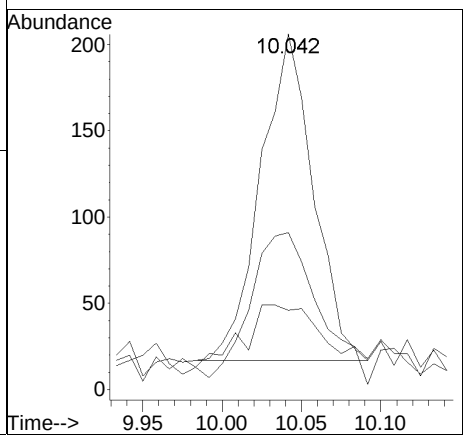


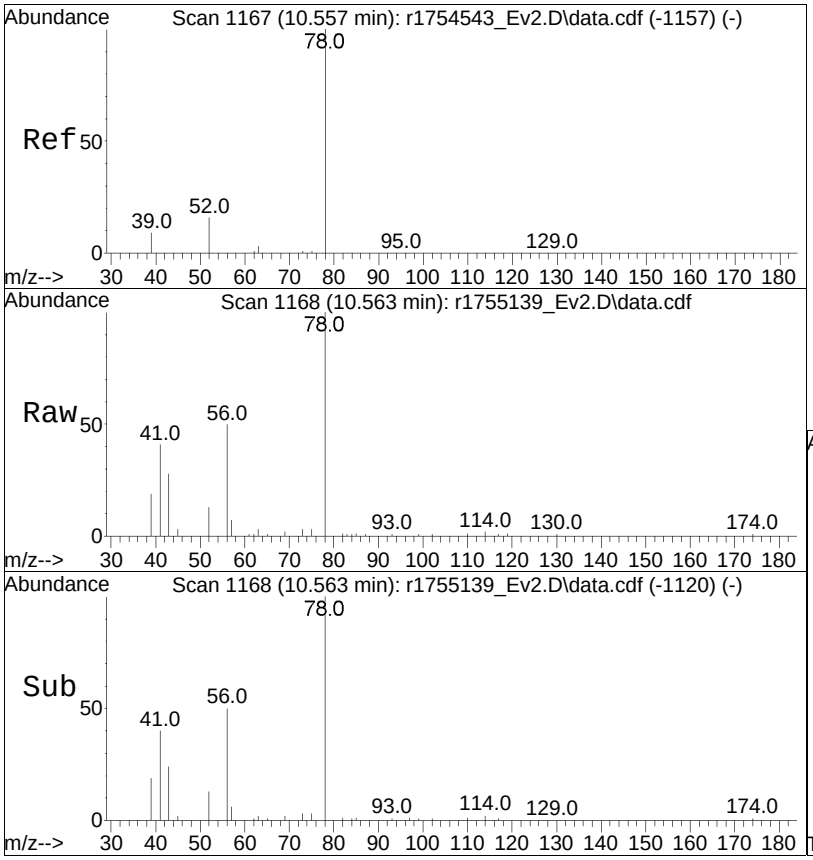


#37
1,1,1-trichloroethane
Concen: 0.01 ppbV
RT: 10.042 min Scan# 1098
Delta R.T. 0.008 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 97 Resp: 435

Ion	Ratio	Lower	Upper
97	100		
61	44.2	35.3	52.9
119	22.3	11.2	16.8#

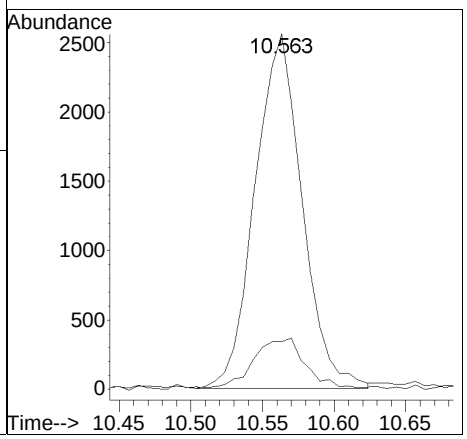


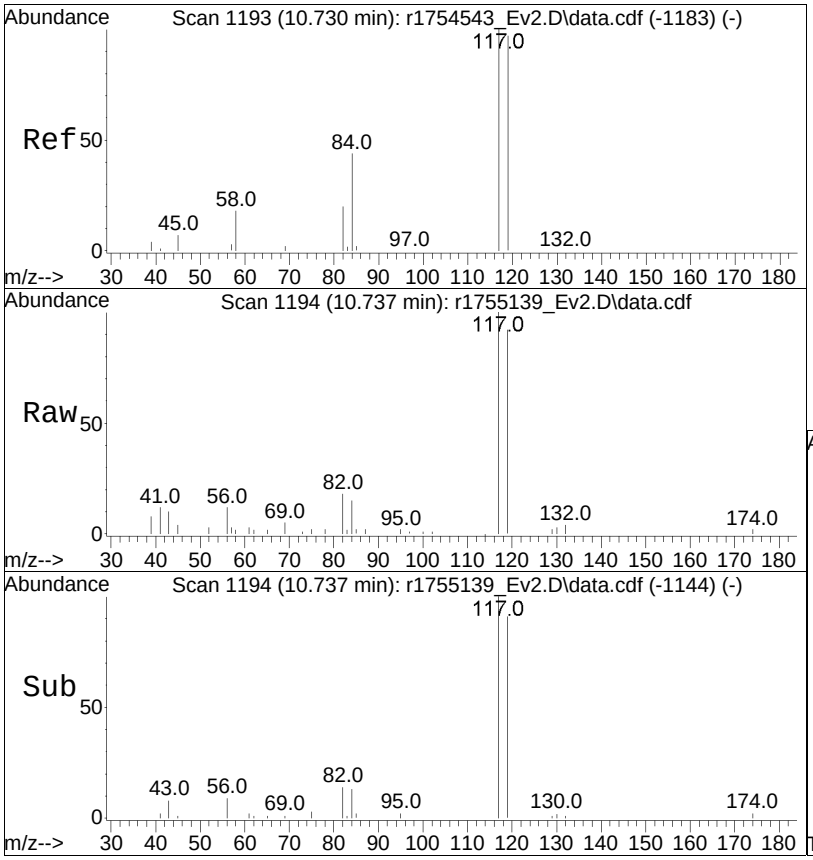


#38
benzene
Concen: 0.08 ppbV
RT: 10.563 min Scan# 1168
Delta R.T. 0.007 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 78 Resp: 5851

Ion	Ratio	Lower	Upper
78	100		
52	13.4	12.7	19.1

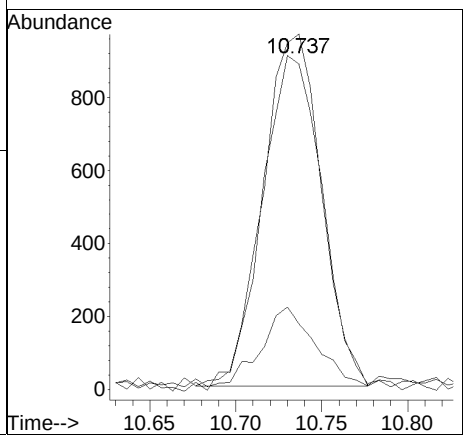


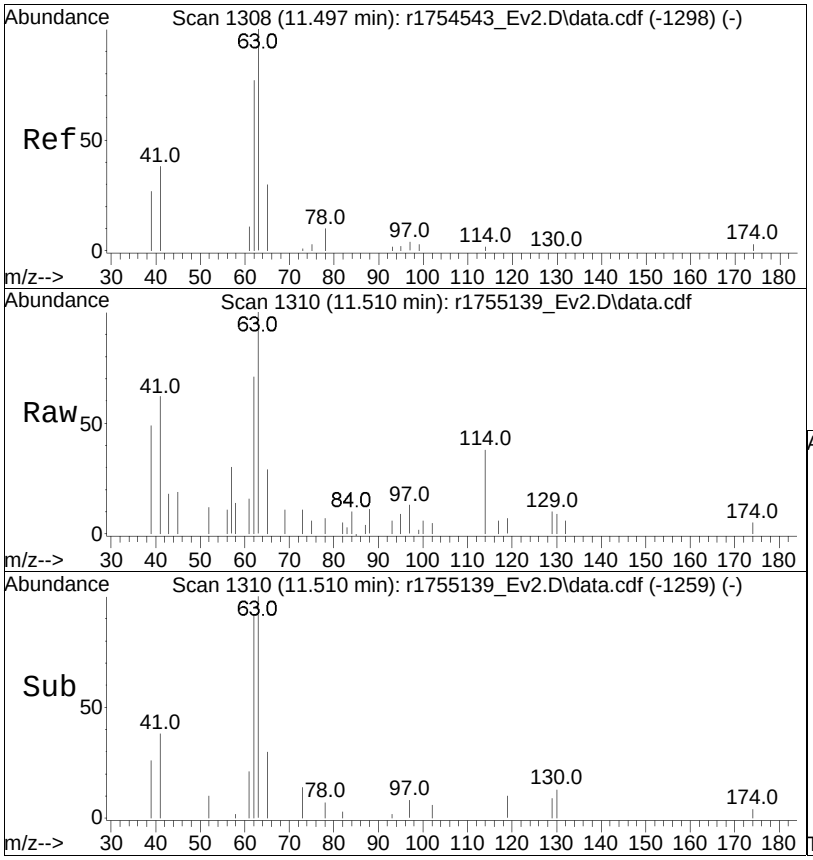


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.737 min Scan# 1194
Delta R.T. 0.007 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion:117 Resp: 2282

Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.3	115.9
82	18.5	16.2	24.2

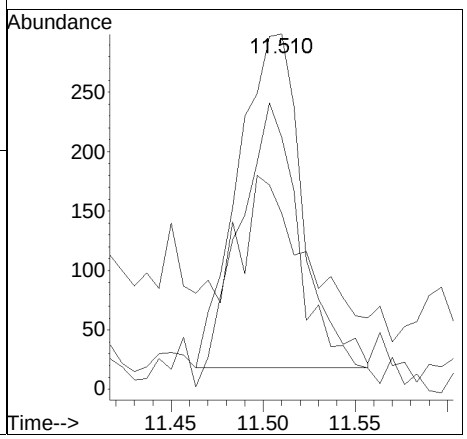


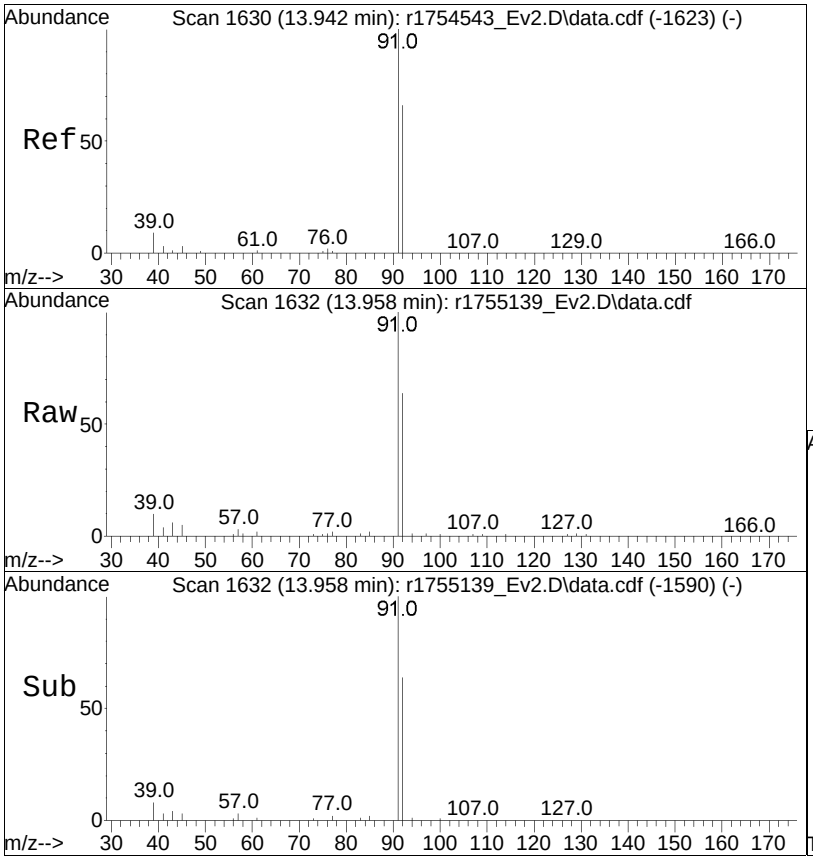


#42
1,2-dichloropropane
Concen: 0.02 ppbV
RT: 11.510 min Scan# 1310
Delta R.T. 0.013 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 63 Resp: 688

Ion	Ratio	Lower	Upper
63	100		
62	70.9	61.5	92.3
39	49.5	22.2	33.2#

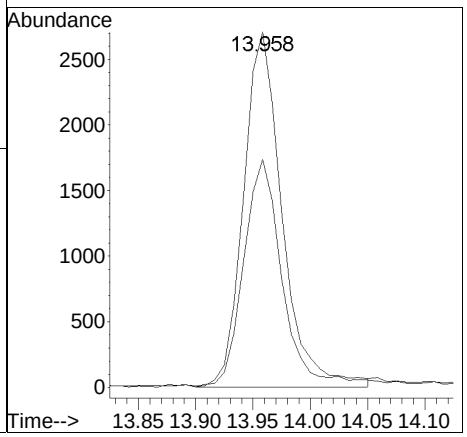


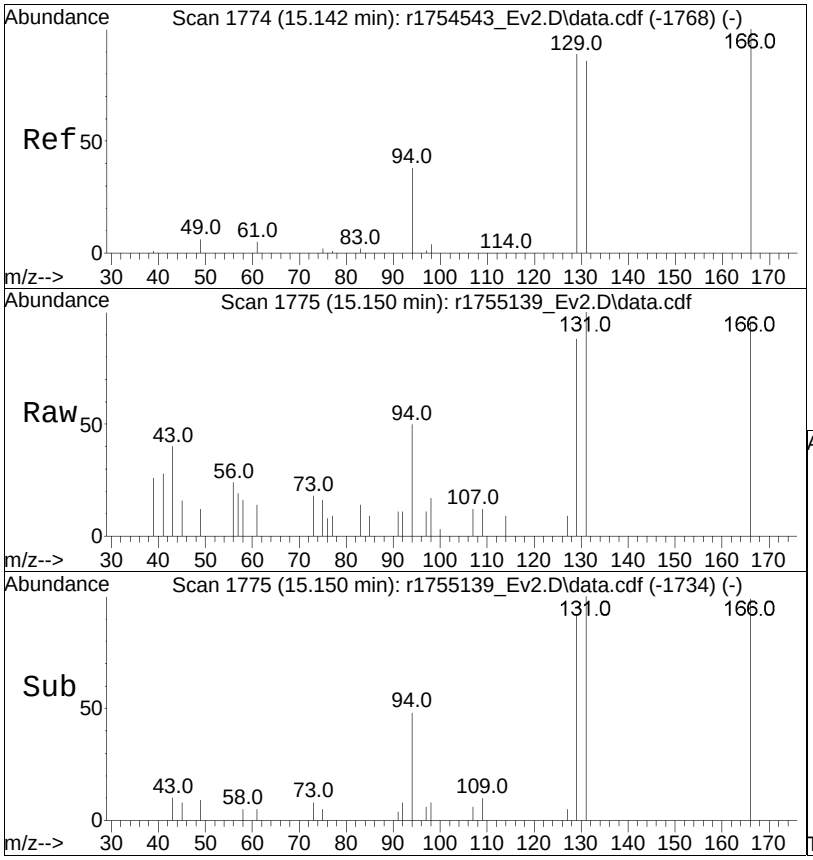


#53
toluene
Concen: 0.07 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. 0.017 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 91 Resp: 6326

Ion	Ratio	Lower	Upper
91	100		
92	64.2	52.6	78.8

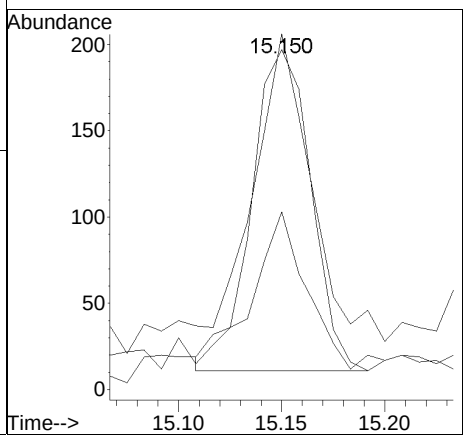


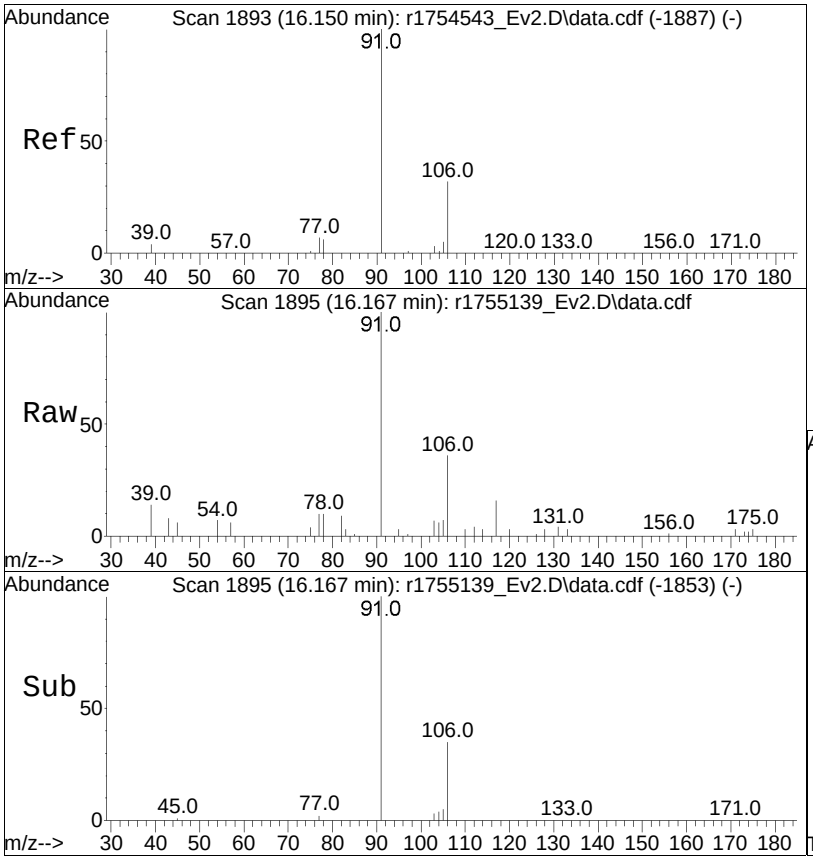


#58
tetrachloroethene
Concen: 0.01 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. 0.008 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion:166 Resp: 376

Ion	Ratio	Lower	Upper
166	100		
131	104.6	69.1	103.7#
94	52.3	30.7	46.1#

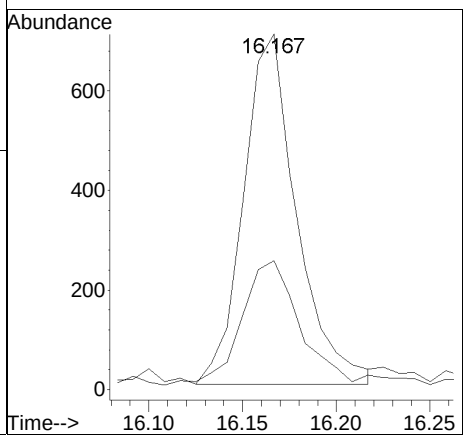


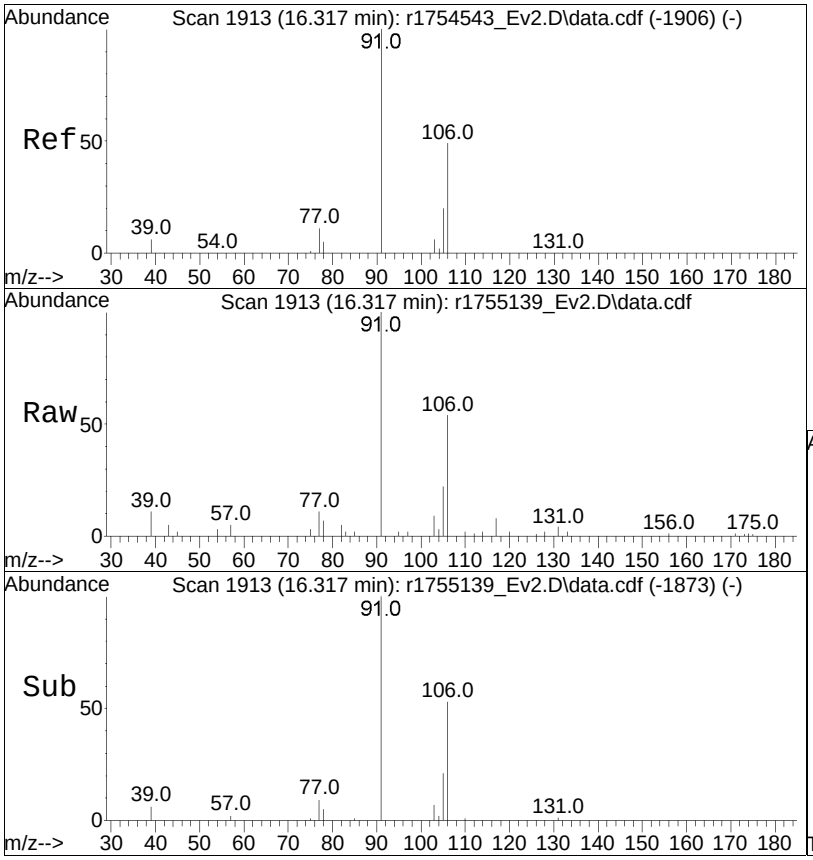


#61
ethylbenzene
Concen: 0.01 ppbV
RT: 16.167 min Scan# 1895
Delta R.T. 0.017 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 91 Resp: 1385

Ion	Ratio	Lower	Upper
91	100		
106	36.3	25.8	38.6

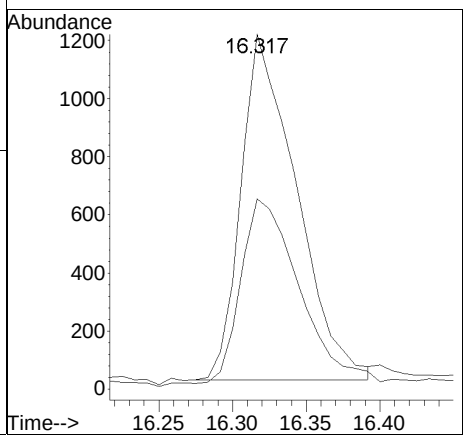


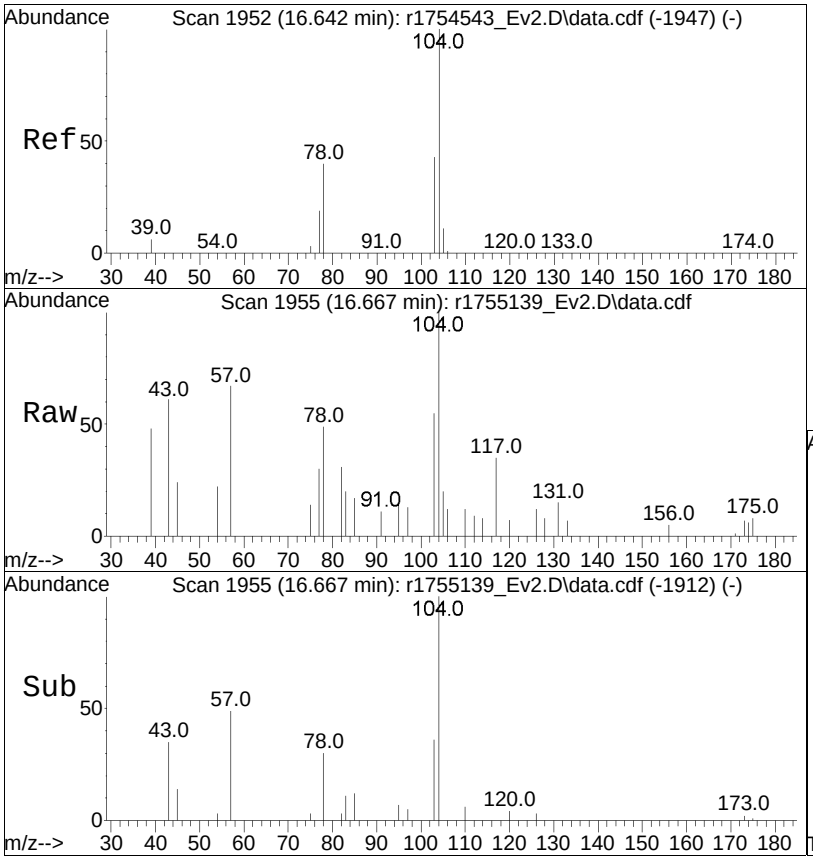


#62
m+p-xylene
Concen: 0.04 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. 0.000 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 91 Resp: 3105

Ion	Ratio	Lower	Upper
91	100		
106	53.6	39.4	59.0

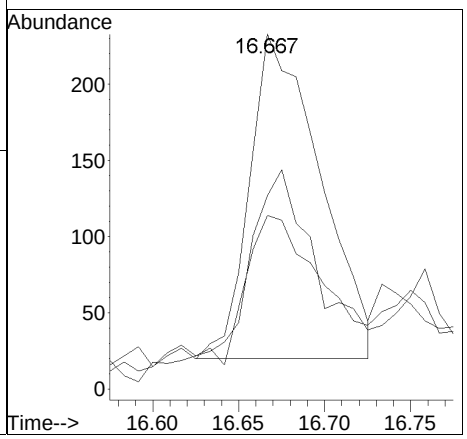


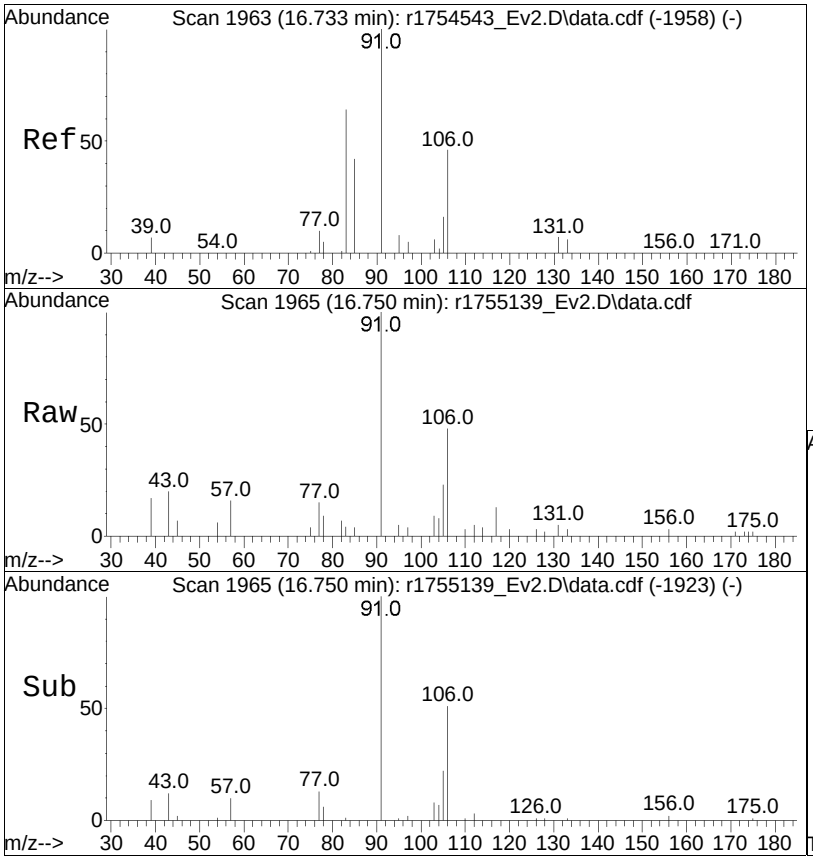


#64
styrene
Concen: 0.01 ppbV
RT: 16.667 min Scan# 1955
Delta R.T. 0.025 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion:104 Resp: 610

Ion	Ratio	Lower	Upper
104	100		
103	54.5	34.8	52.2#
78	48.9	31.8	47.8#

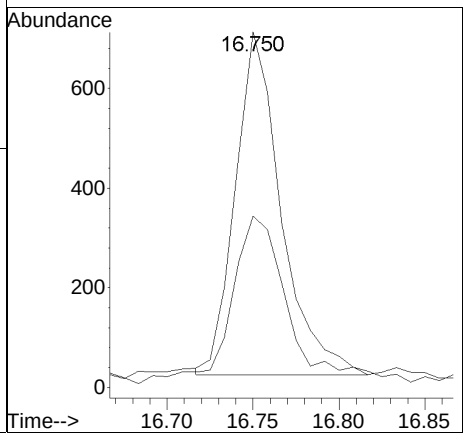


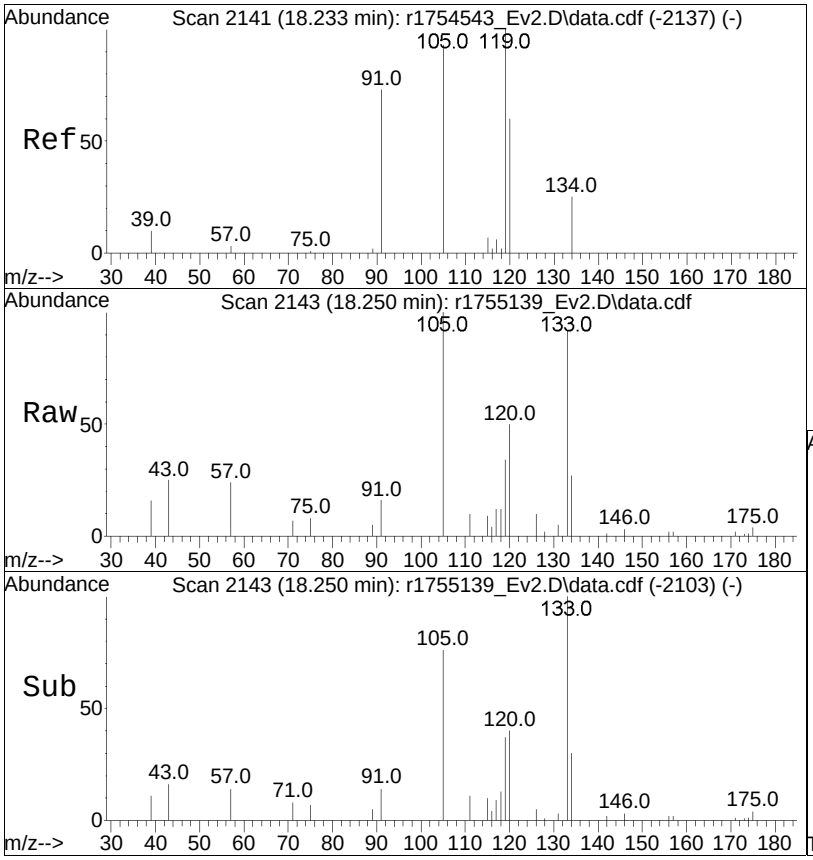


#66
o-xylene
Concen: 0.01 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion: 91 Resp: 1273

Ion	Ratio	Lower	Upper
91	100		
106	48.2	37.0	55.4

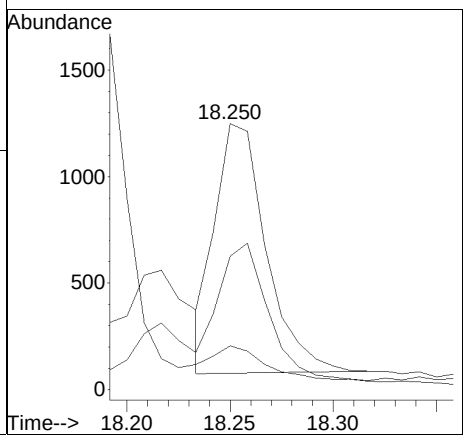




#74
1,2,4-trimethylbenzene
Concen: 0.02 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755139_Ev2.D
Acq: 28 Mar 2026 4:30 AM

Tgt Ion:105 Resp: 2030

Ion	Ratio	Lower	Upper
105	100		
120	50.1	51.8	77.8#
91	16.4	63.4	95.2#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TSIM17_260305.M
Data File	: r1755139_Ev2.D	Operator	: AIRLAB17:SL
Date Inj'd	: 3/28/2026 4:30 AM	Instrument	:
Sample	: L2612589-02,3,250,250	Quant Date	: 3/28/2026 12:37 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755140_Ev2.D
Acq On : 28 Mar 2026 5:08 AM
Operator : AIRLAB17:SL
Sample : L2612589-04,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:50 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	229299	10.000	ppbV	0.00
Standard Area = 255556			Recovery =		89.73%	
34) 1,4-difluorobenzene	10.983	114	812441	10.000	ppbV	0.00
Standard Area = 912824			Recovery =		89.00%	
52) chlorobenzene-D5	15.750	54	103372	10.000	ppbV	0.00
Standard Area = 110427			Recovery =		93.61%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.844	85	23499	0.674	ppbV	100
5) chloromethane	3.994	50	8888	0.539	ppbV	99
6) Freon-114	4.102	85	786	0.019	ppbV	91
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	4.618	94	181	0.011	ppbV #	56
10) chloroethane	4.792		0	N.D.		
11) ethanol	4.912	31	392099M2	23.757	ppbV	
15) trichlorofluoromethane	5.597	101	8502	0.238	ppbV	99
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.	d	
20) methylene chloride	6.408	49	3401	0.176	ppbV	90
23) Freon 113	6.708	101	3214	0.082	ppbV	96
24) trans-1,2-dichloroethene	7.433	61	329	0.011	ppbV #	80
25) 1,1-dichloroethane	7.650		0	N.D.		
26) MTBE	7.742		0	N.D.		
28) 2-butanone	8.100	43	7713	0.228	ppbV	98
29) cis-1,2-dichloroethene	0.000		0	N.D.		
31) chloroform	8.917	83	850	0.025	ppbV #	82
33) 1,2-dichloroethane	9.750	62	723	0.032	ppbV #	82
35) hexane	8.842	57	33004	0.886	ppbV #	22
37) 1,1,1-trichloroethane	10.033		0	N.D.		
38) benzene	10.557	78	6633	0.093	ppbV	97
39) carbon tetrachloride	10.730	117	2294	0.073	ppbV	97
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.503	63	695M4	0.023	ppbV	
43) bromodichloromethane	11.717		0	N.D.		
44) 1,4-dioxane	11.810		0	N.D.		
45) trichloroethene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755140_Ev2.D
Acq On : 28 Mar 2026 5:08 AM
Operator : AIRLAB17:SL
Sample : L2612589-04,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:50 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

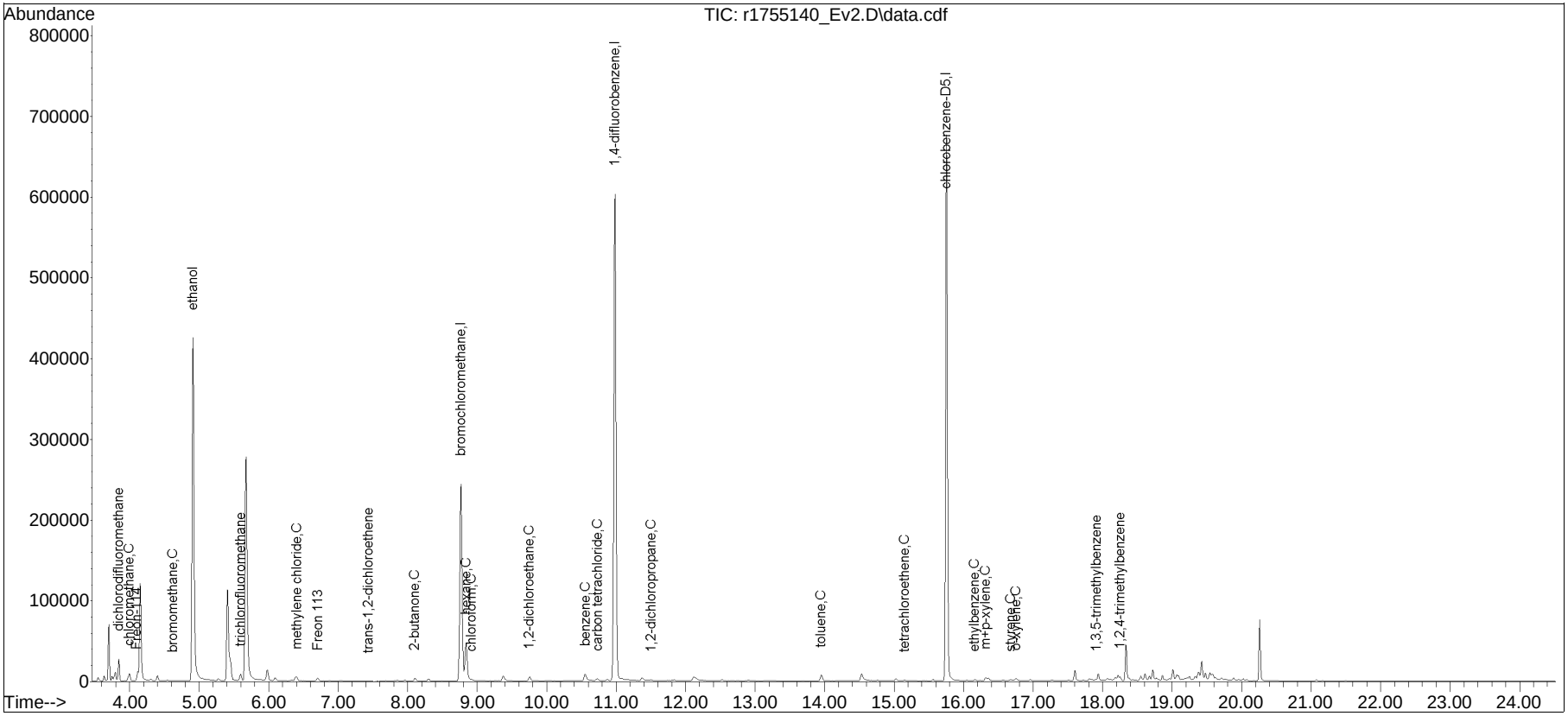
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D. d		
47) heptane	0.000		0	N.D. d		
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	12.900		0	N.D.		
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.950	91	9364	0.116	ppbV	99
56) dibromochloromethane	0.000		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.150	166	640	0.020	ppbV	93
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	1725	0.017	ppbV #	87
62) m+p-xylene	16.317	91	4794	0.060	ppbV #	84
63) bromoform	0.000		0	N.D.		
64) styrene	16.675	104	949	0.017	ppbV	93
65) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
66) o-xylene	16.750	91	2483	0.031	ppbV	93
72) 1,3,5-trimethylbenzene	17.908	105	1389	0.017	ppbV #	97
74) 1,2,4-trimethylbenzene	18.250	105	3734	0.046	ppbV #	51
75) Benzyl Chloride	18.250		0	N.D.		
76) 1,3-dichlorobenzene	18.392		0	N.D.		
77) 1,4-dichlorobenzene	18.450		0	N.D.		
81) 1,2-dichlorobenzene	18.733		0	N.D.		
84) 1,2,4-trichlorobenzene	20.108		0	N.D.		
85) naphthalene	20.258		0	N.D.		
87) hexachlorobutadiene	20.642		0	N.D.		

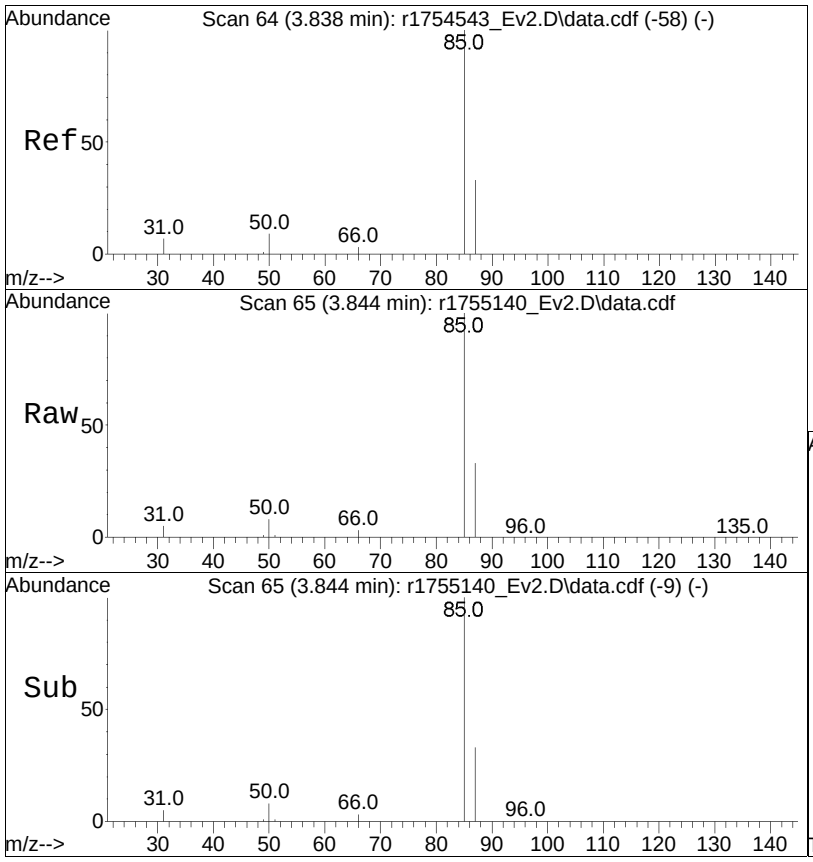
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755140_Ev2.D
Acq On : 28 Mar 2026 5:08 AM
Operator : AIRLAB17:SL
Sample : L2612589-04,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:50 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

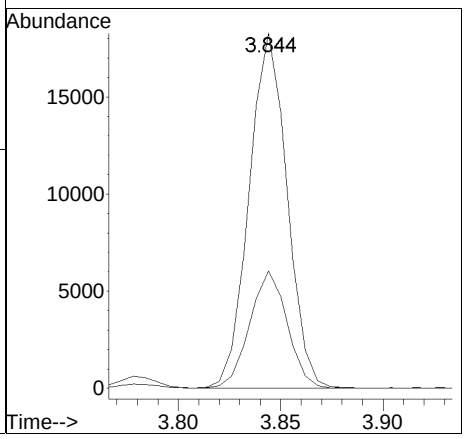


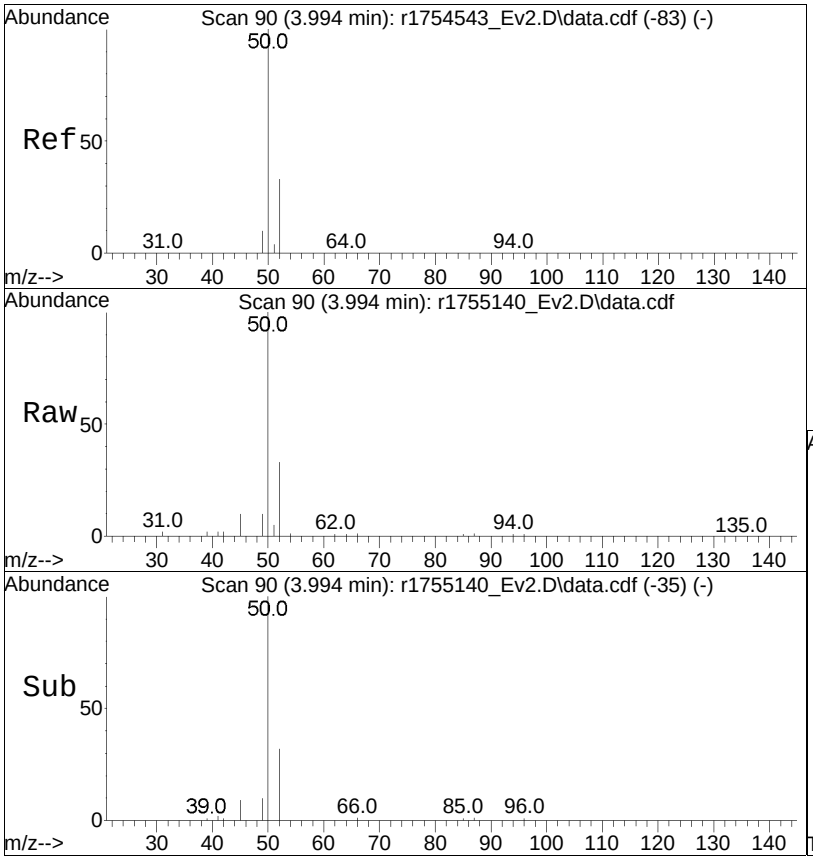


#4
dichlorodifluoromethane
Concen: 0.67 ppbV
RT: 3.844 min Scan# 65
Delta R.T. 0.006 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 85 Resp: 23499

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.2	39.4

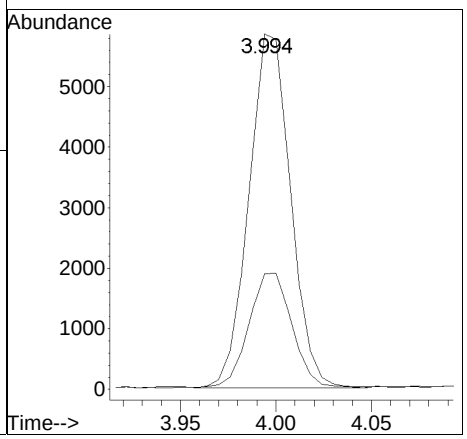


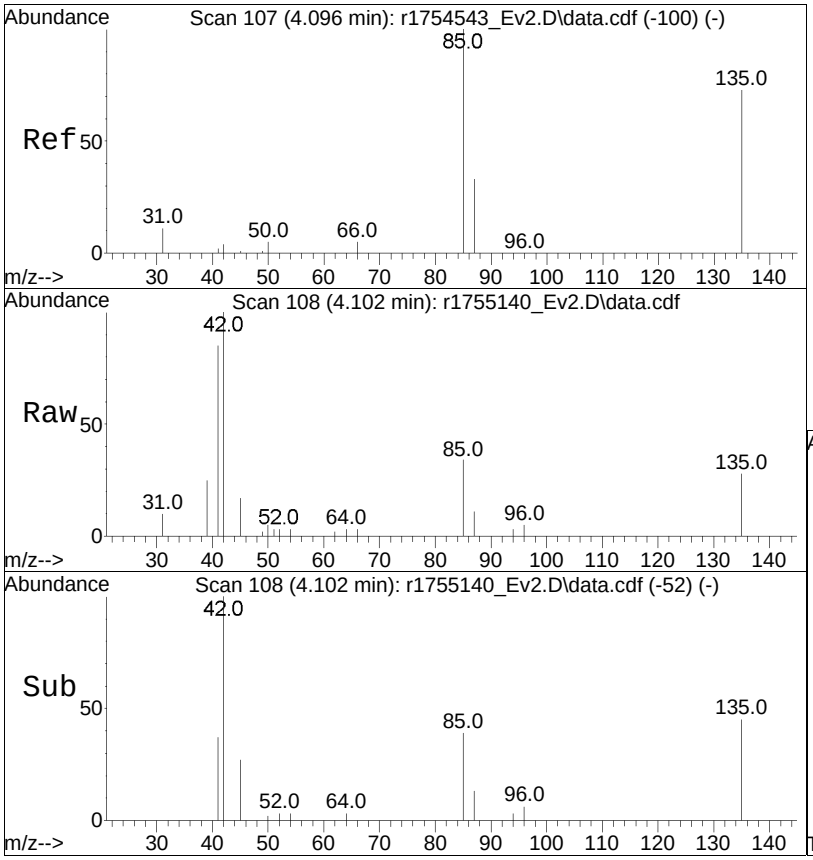


#5
chloromethane
Concen: 0.54 ppbV
RT: 3.994 min Scan# 90
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 50 Resp: 8888

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.6	39.8

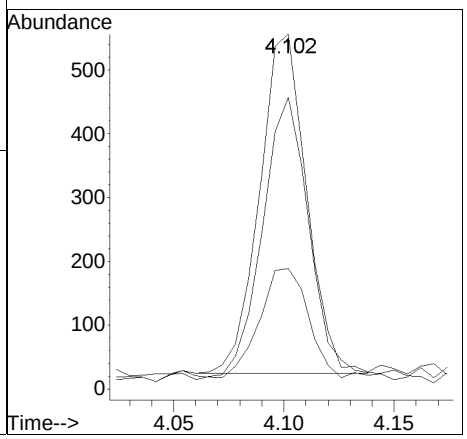


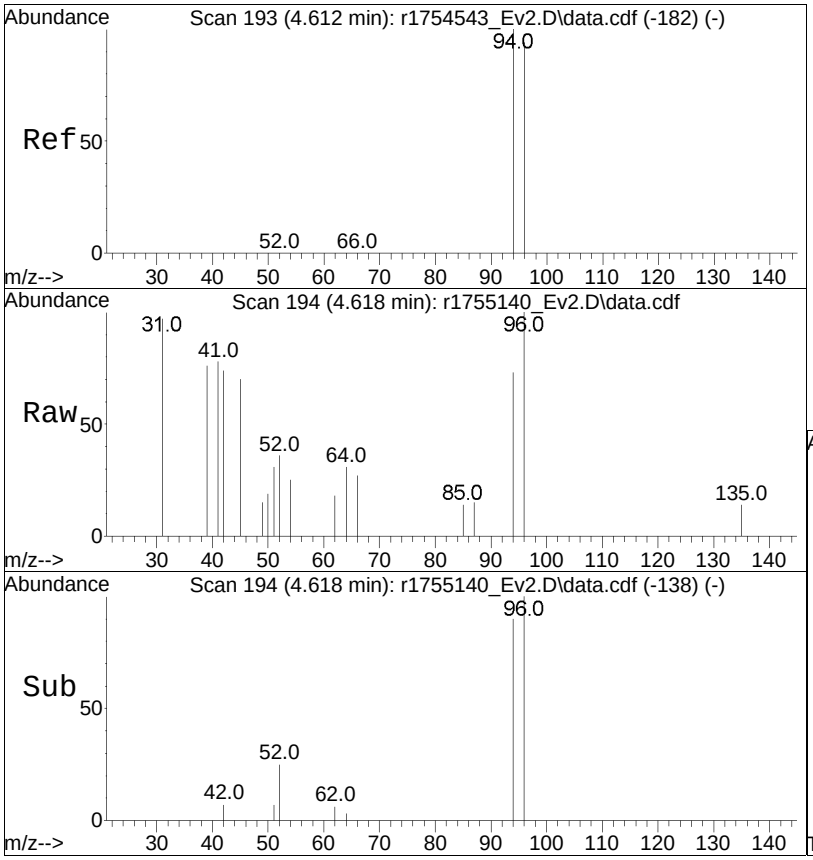


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.102 min Scan# 108
Delta R.T. 0.006 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 85 Resp: 786

Ion	Ratio	Lower	Upper
85	100		
87	34.0	26.2	39.4
135	82.2	58.1	87.1

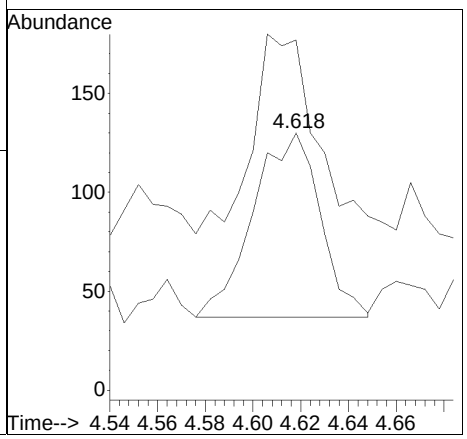


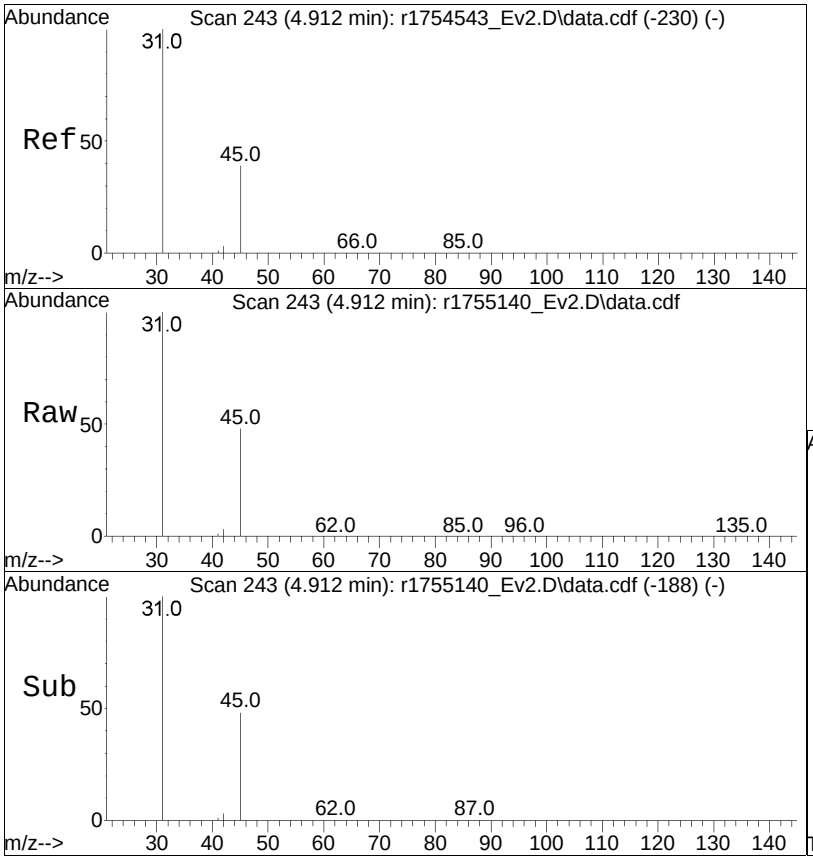


#9
bromomethane
Concen: 0.01 ppbV
RT: 4.618 min Scan# 194
Delta R.T. 0.006 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 94 Resp: 181

Ion	Ratio	Lower	Upper
94	100		
96	136.2	74.9	112.3#

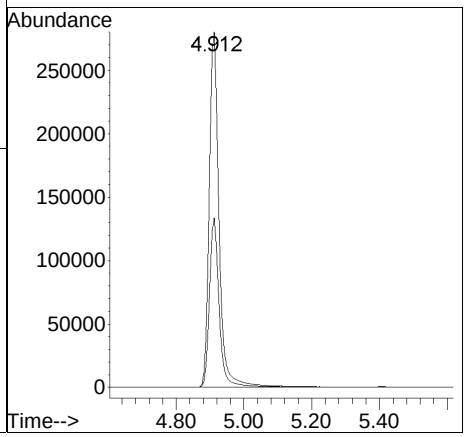


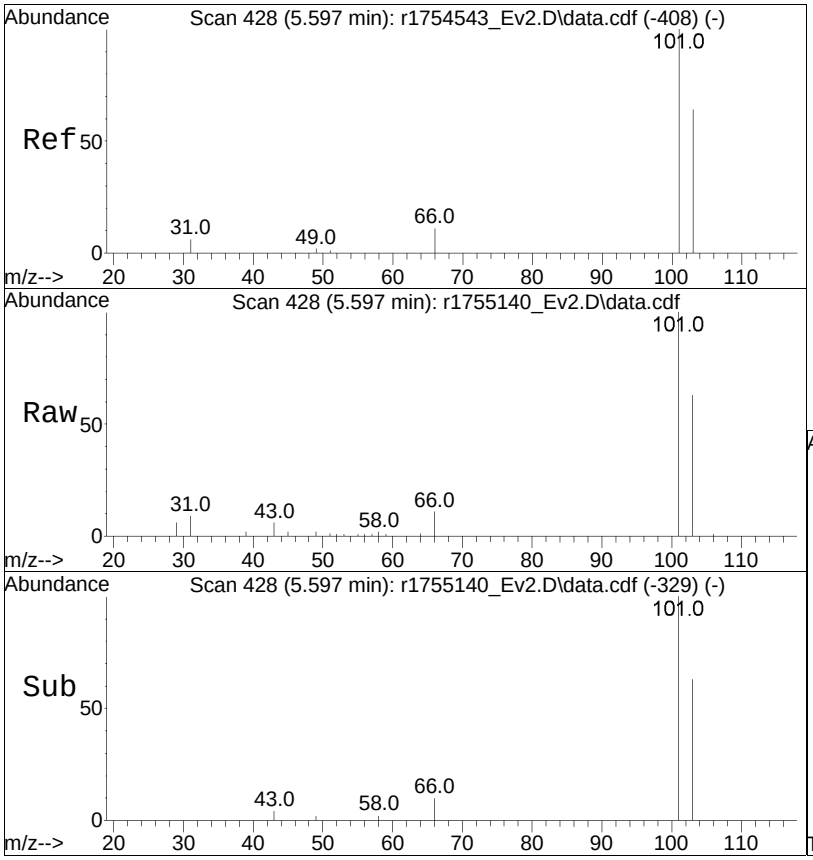


#11
ethanol
Concen: 23.76 ppbV m
RT: 4.912 min Scan# 243
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 31 Resp: 392099

Ion	Ratio	Lower	Upper
31	100		
45	47.7	31.0	46.4#

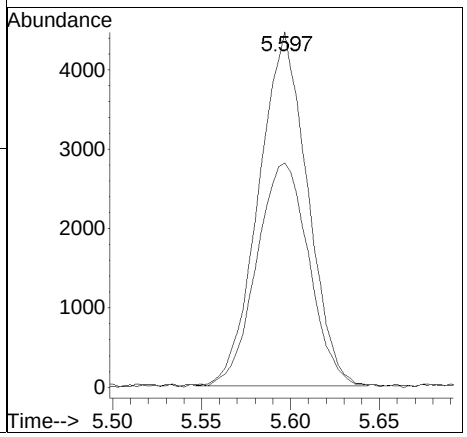


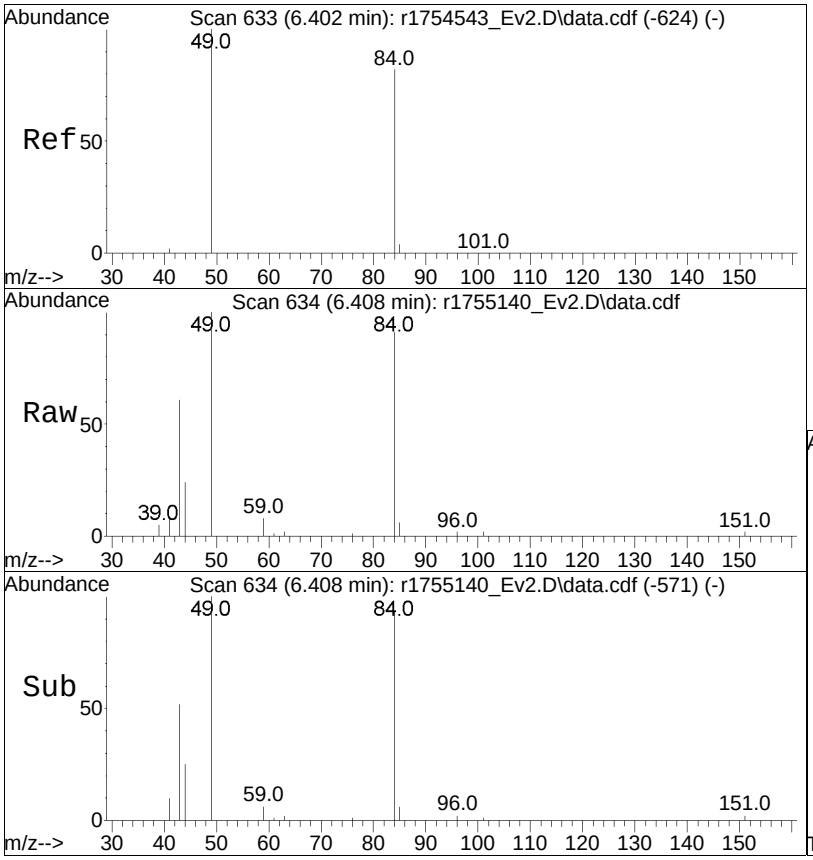


#15
trichlorofluoromethane
Concen: 0.24 ppbV
RT: 5.597 min Scan# 428
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:101 Resp: 8502

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.4	77.0

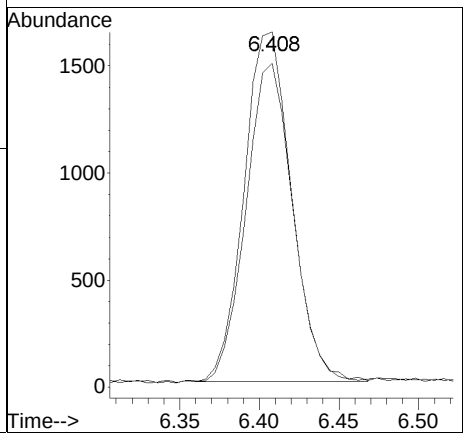


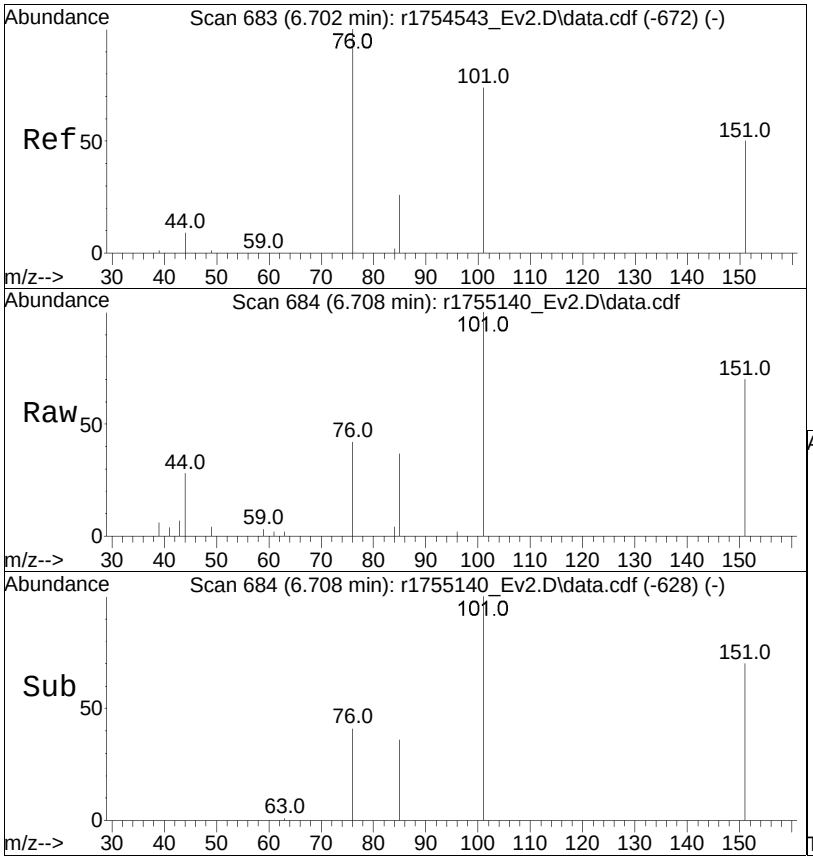


#20
methylene chloride
Concen: 0.18 ppbV
RT: 6.408 min Scan# 634
Delta R.T. 0.006 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 49 Resp: 3401

Ion	Ratio	Lower	Upper
49	100		
84	91.1	65.9	98.9

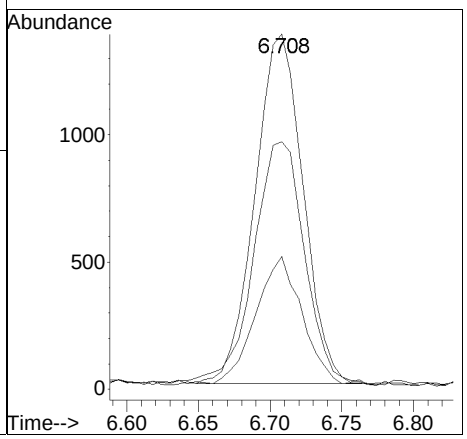


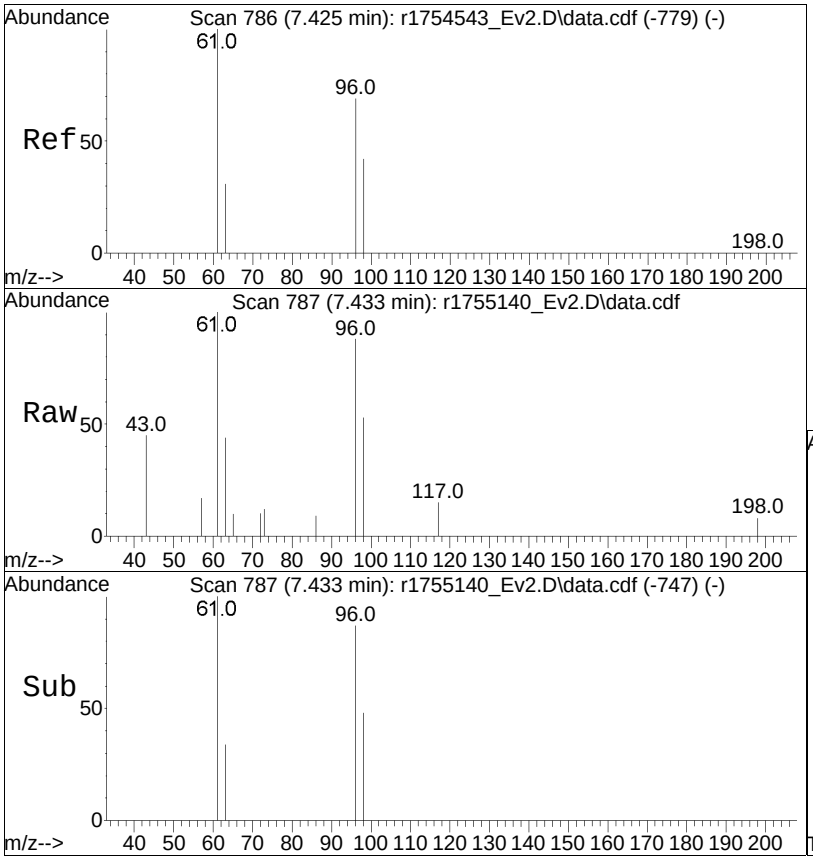


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.708 min Scan# 684
Delta R.T. 0.006 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:101 Resp: 3214

Ion	Ratio	Lower	Upper
101	100		
85	37.4	27.5	41.3
151	69.7	53.4	80.0

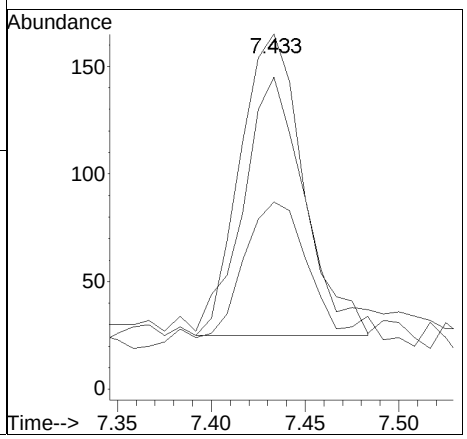


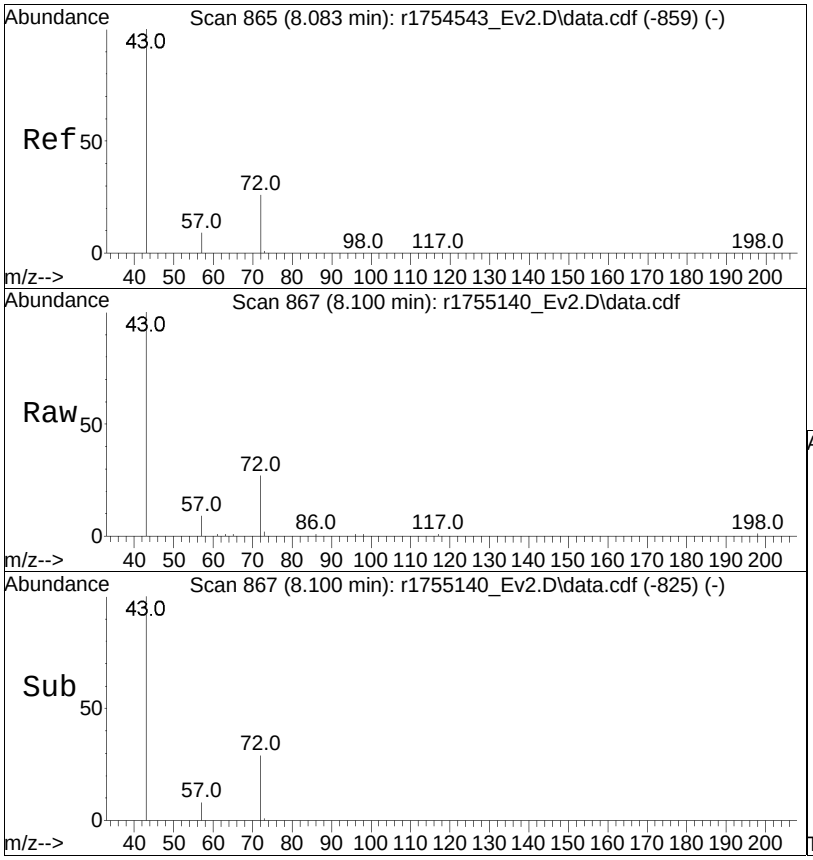


#24
trans-1,2-dichloroethene
Concen: 0.01 ppbV
RT: 7.433 min Scan# 787
Delta R.T. 0.008 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 61 Resp: 329

Ion	Ratio	Lower	Upper
61	100		
96	87.9	55.3	82.9#
98	52.7	33.9	50.9#

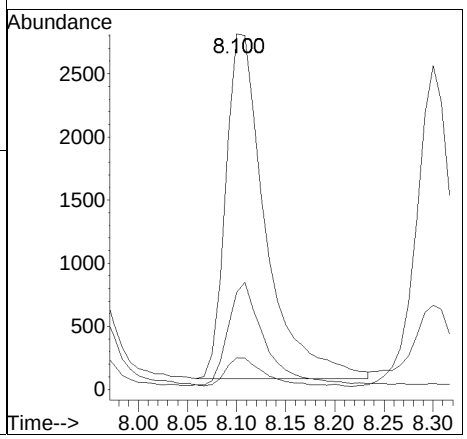


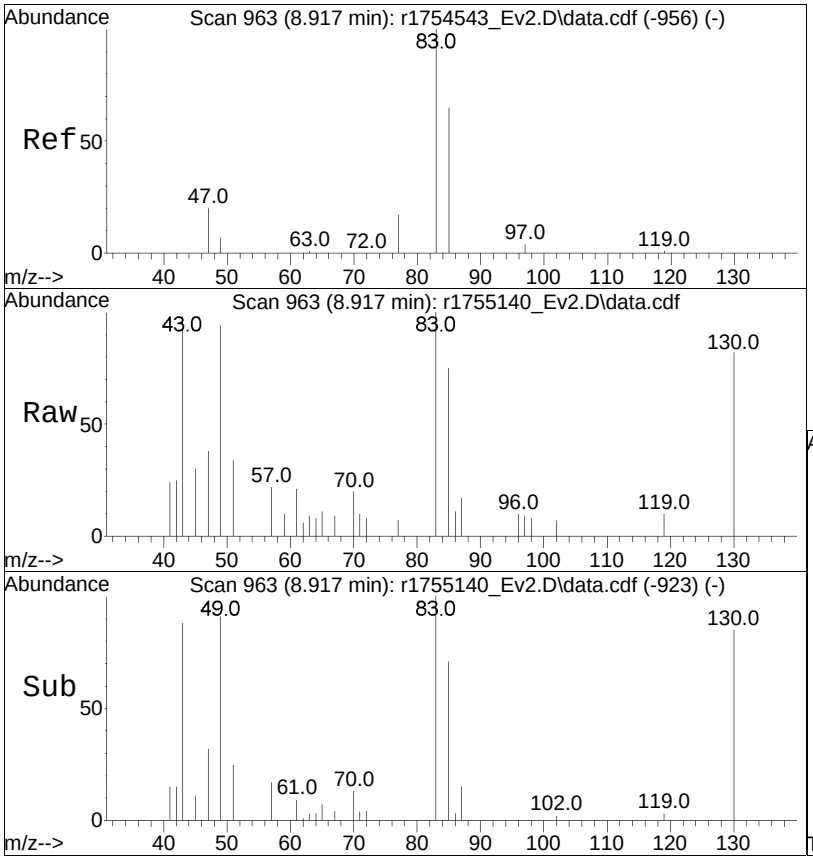


#28
2-butanone
Concen: 0.23 ppbV
RT: 8.100 min Scan# 867
Delta R.T. 0.017 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 43 Resp: 7713

Ion	Ratio	Lower	Upper
43	100		
72	27.3	20.7	31.1
57	9.0	6.9	10.3

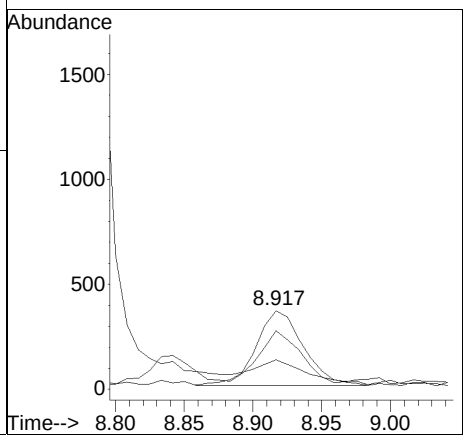


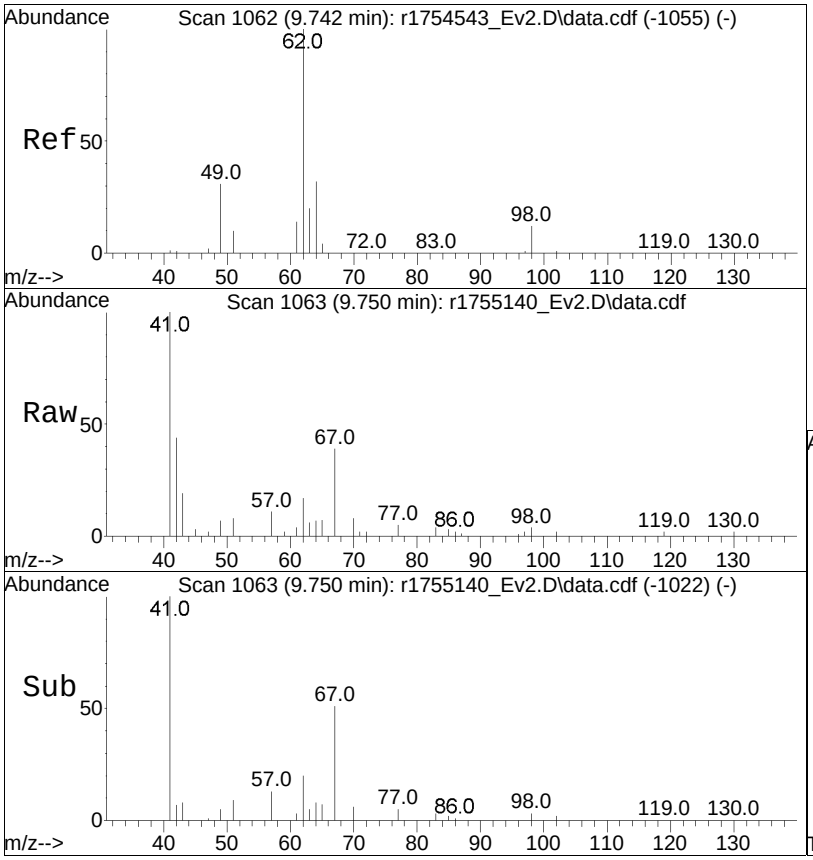


#31
chloroform
Concen: 0.02 ppbV
RT: 8.917 min Scan# 963
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 83 Resp: 850

Ion	Ratio	Lower	Upper
83	100		
85	74.6	52.3	78.5
47	37.7	16.5	24.7#

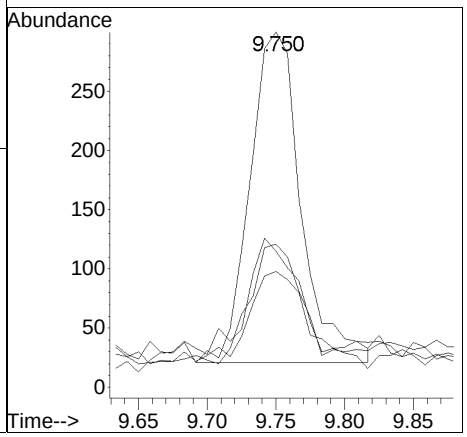


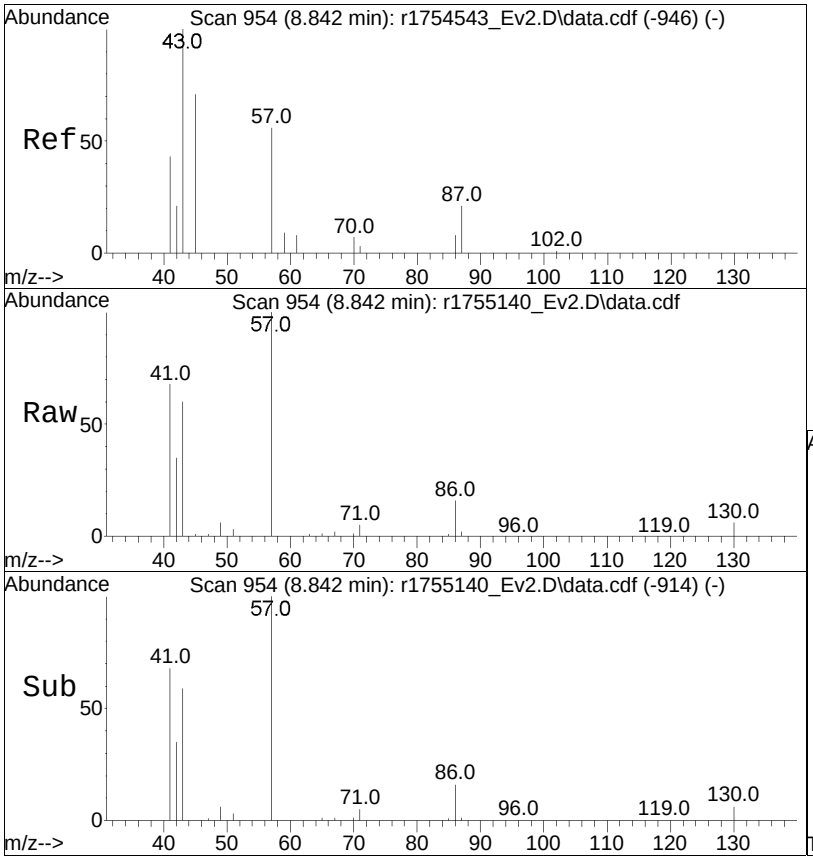


#33
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 9.750 min Scan# 1063
Delta R.T. 0.008 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 62 Resp: 723

Ion	Ratio	Lower	Upper
62	100		
64	40.3	25.4	38.2#
49	38.3	24.6	37.0#
63	32.7	15.9	23.9#

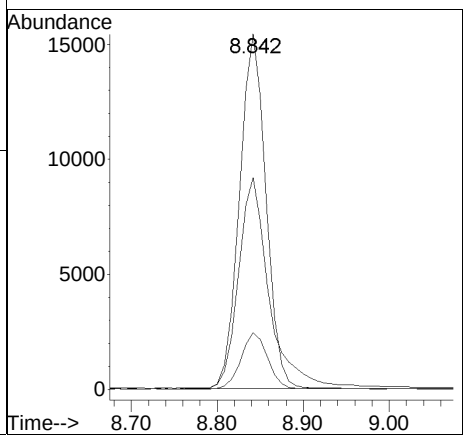


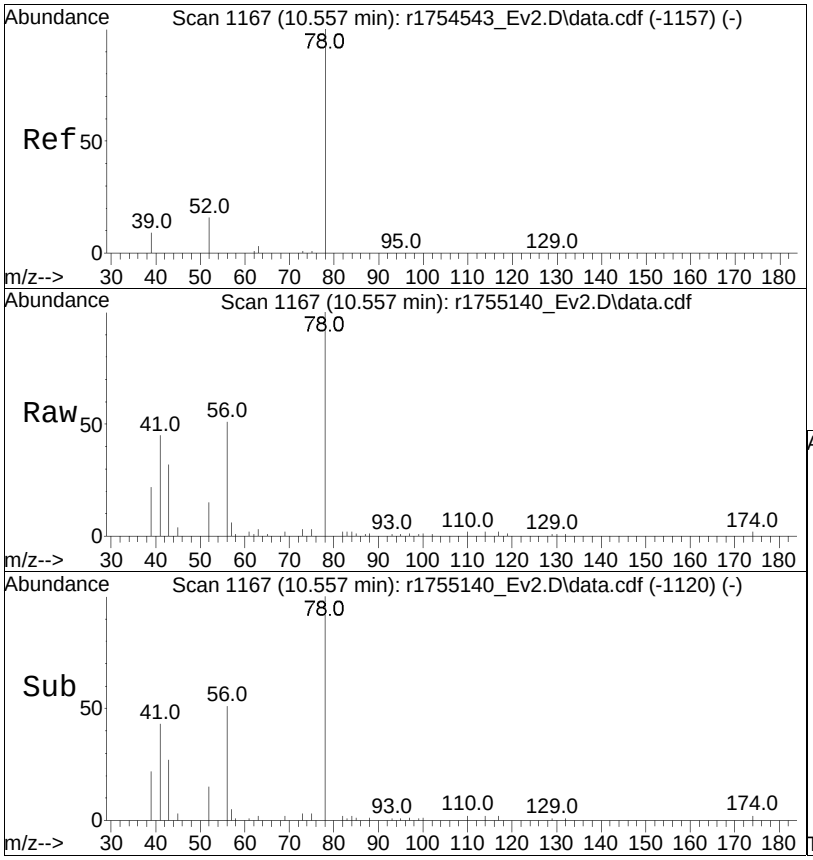


#35
hexane
Concen: 0.89 ppbV
RT: 8.842 min Scan# 954
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 57 Resp: 33004

Ion	Ratio	Lower	Upper
57	100		
43	59.6	143.4	215.2#
86	16.0	11.9	17.9

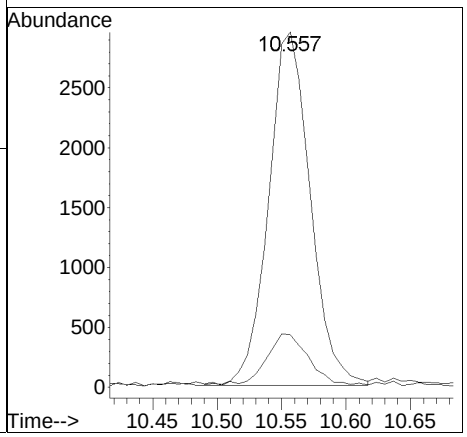


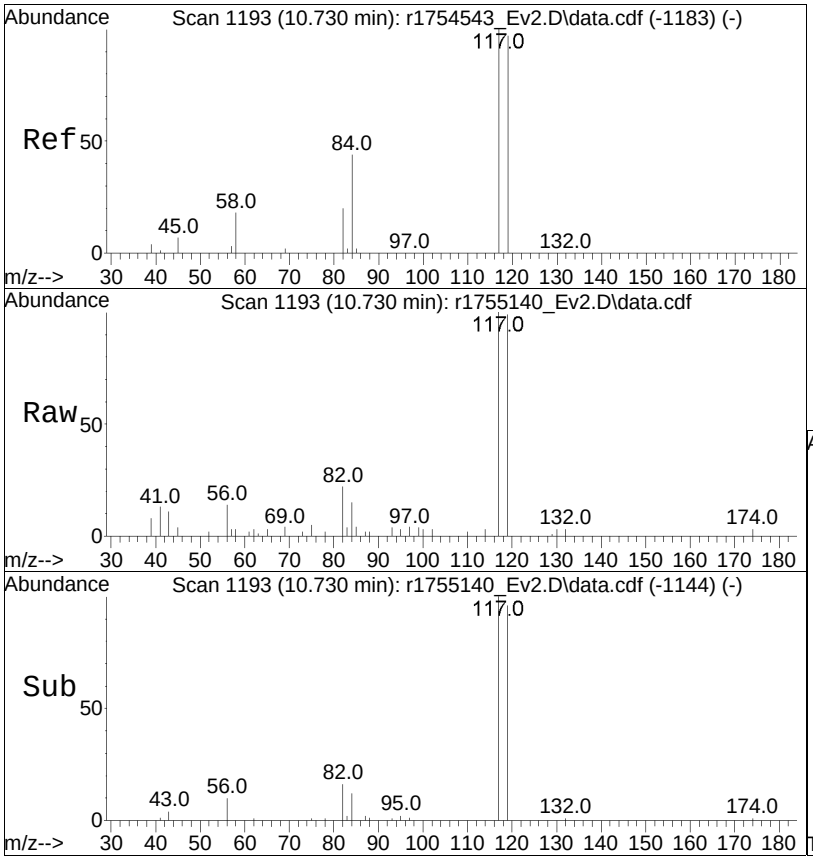


#38
benzene
Concen: 0.09 ppbV
RT: 10.557 min Scan# 1167
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 78 Resp: 6633

Ion	Ratio	Lower	Upper
78	100		
52	14.8	12.7	19.1

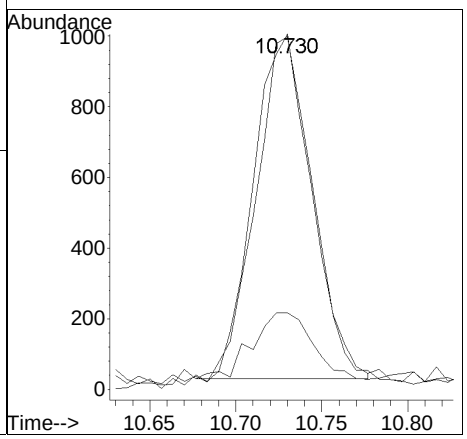


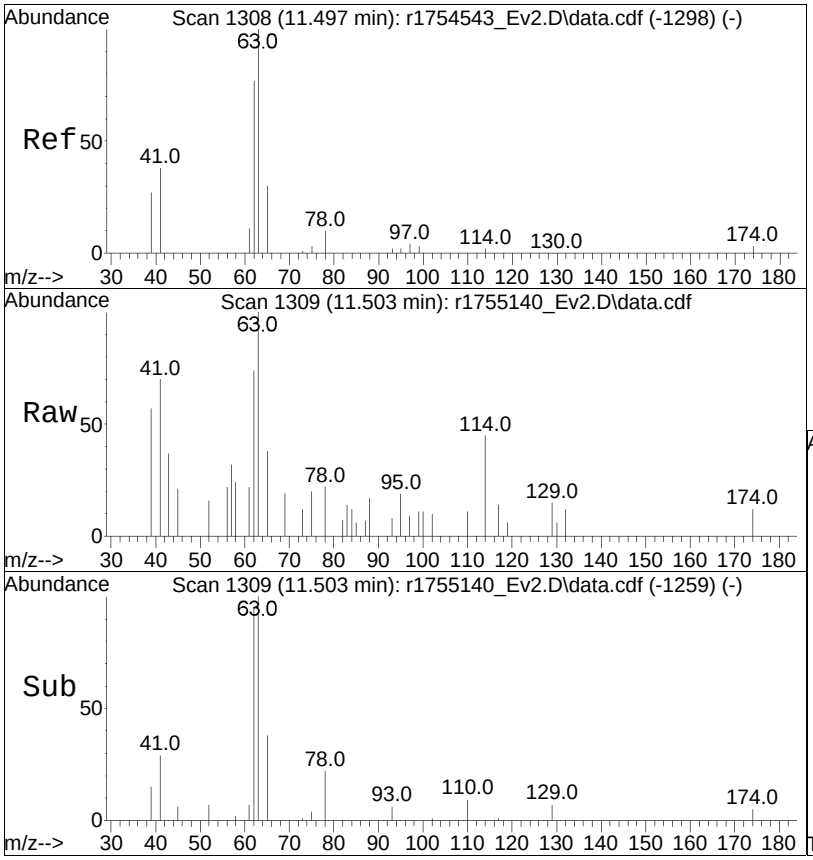


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.730 min Scan# 1193
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:117 Resp: 2294

Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.3	115.9
82	21.6	16.2	24.2

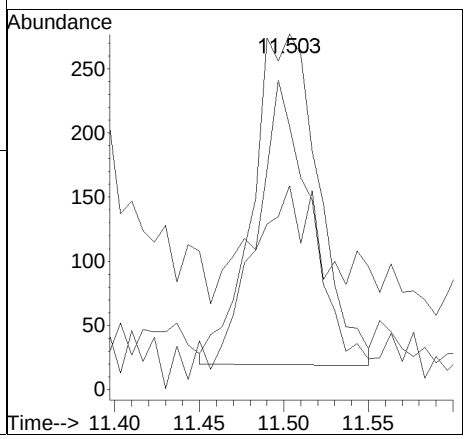


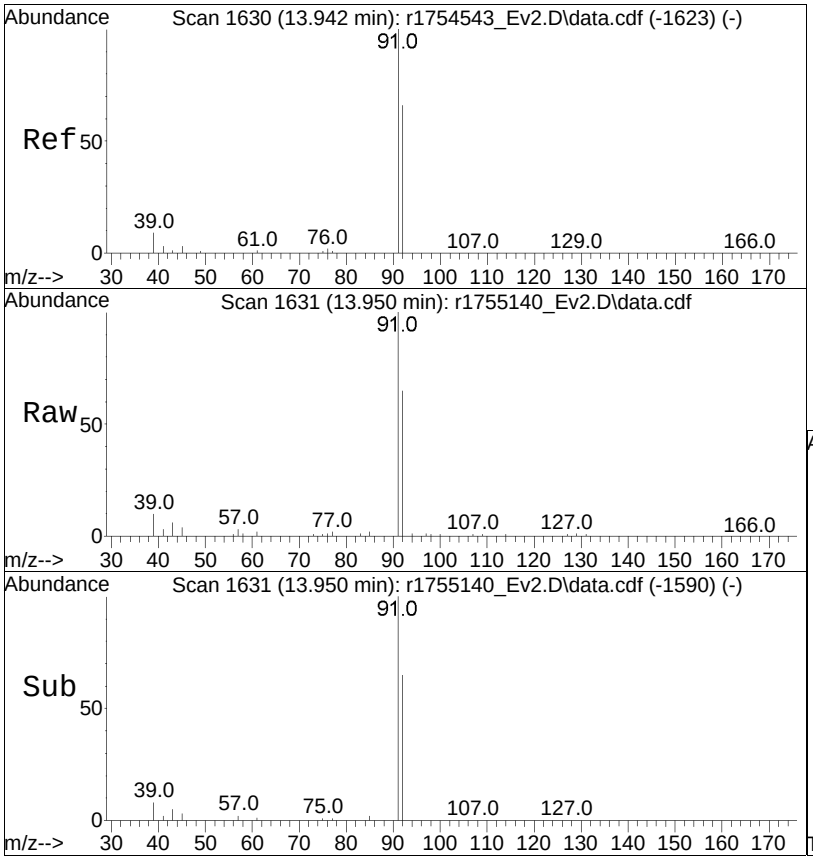


#42
1,2-dichloropropane
Concen: 0.02 ppbV m
RT: 11.503 min Scan# 1309
Delta R.T. 0.007 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 63 Resp: 695

Ion	Ratio	Lower	Upper
63	100		
62	74.0	61.5	92.3
39	57.4	22.2	33.2#

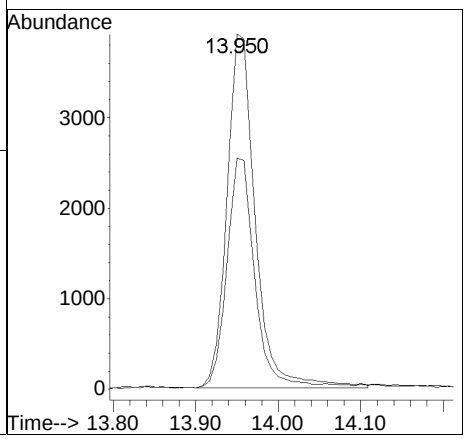


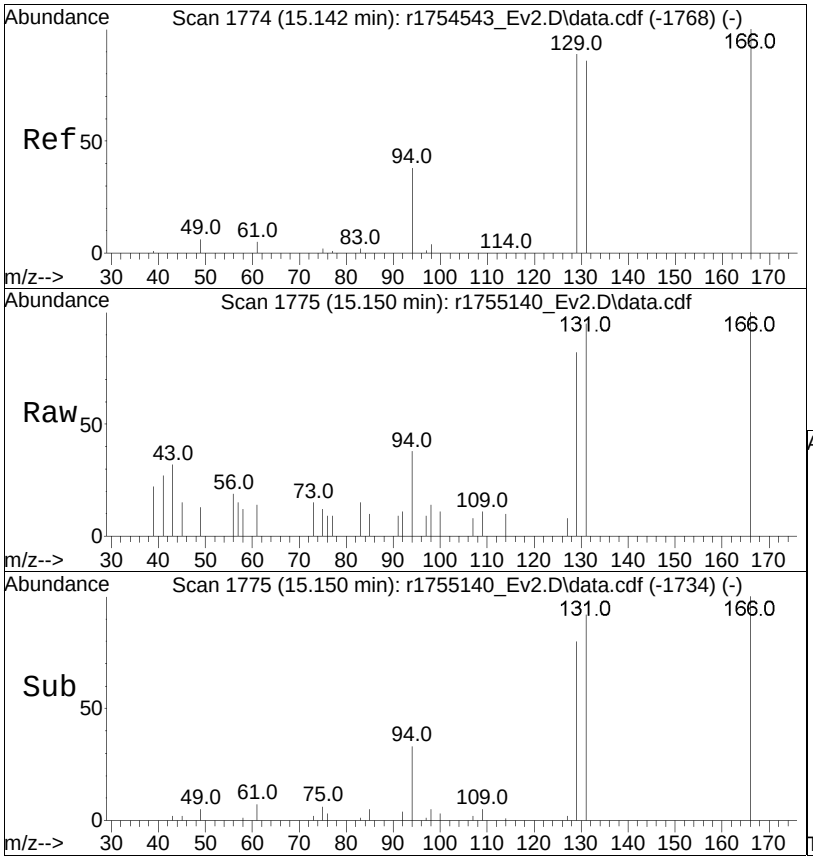


#53
toluene
Concen: 0.12 ppbV
RT: 13.950 min Scan# 1631
Delta R.T. 0.008 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 91 Resp: 9364

Ion	Ratio	Lower	Upper
91	100		
92	65.1	52.6	78.8

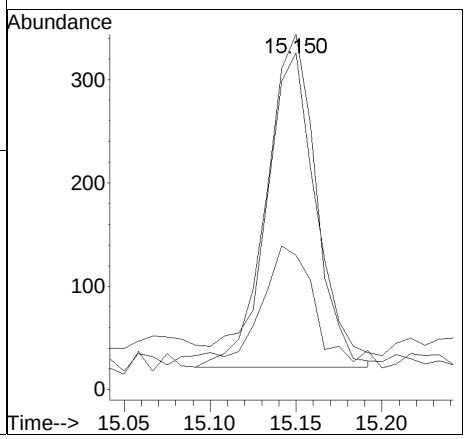


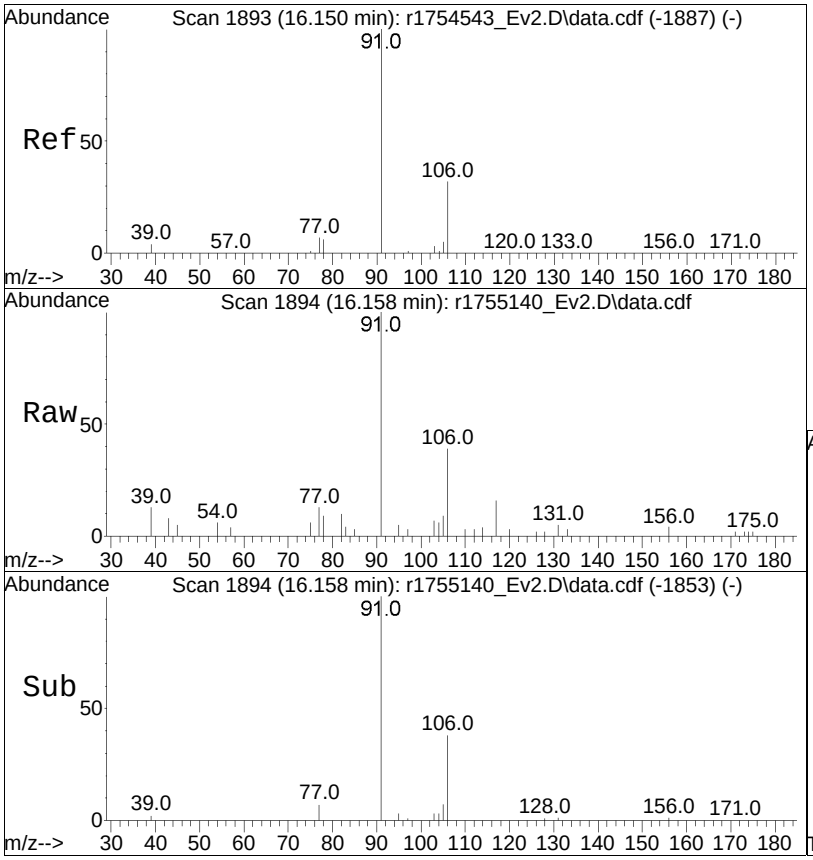


#58
tetrachloroethene
Concen: 0.02 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. 0.008 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:166 Resp: 640

Ion	Ratio	Lower	Upper
166	100		
131	94.8	69.1	103.7
94	37.8	30.7	46.1

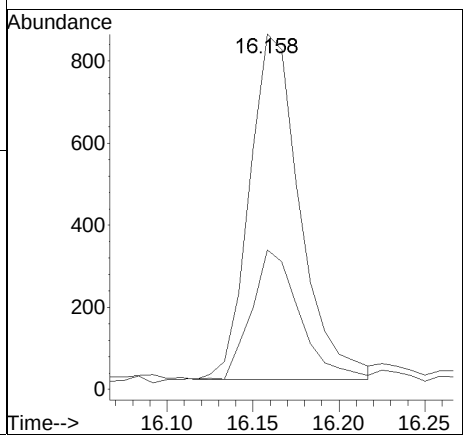


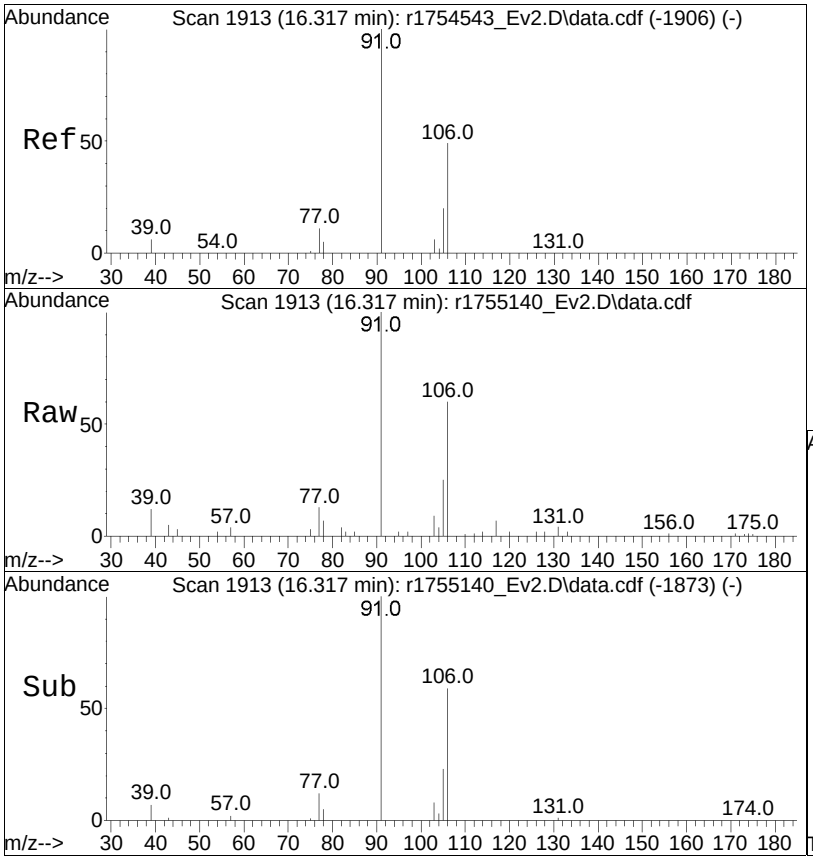


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 91 Resp: 1725

Ion	Ratio	Lower	Upper
91	100		
106	39.3	25.8	38.6#

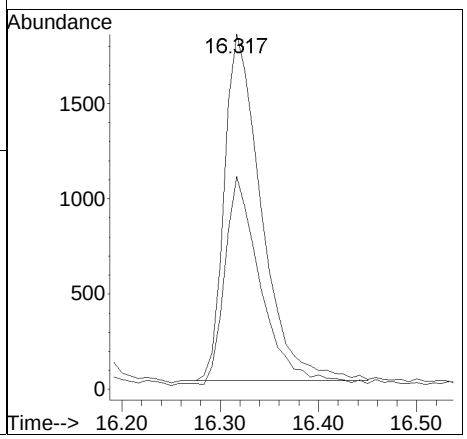


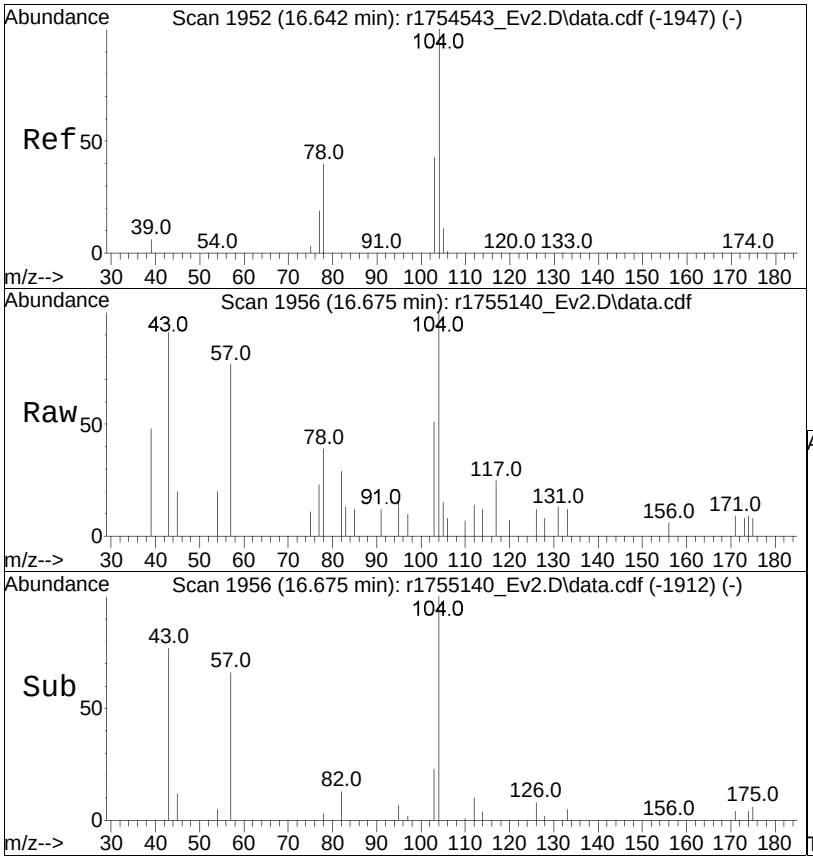


#62
m+p-xylene
Concen: 0.06 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. 0.000 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 91 Resp: 4794

Ion	Ratio	Lower	Upper
91	100		
106	59.9	39.4	59.0#

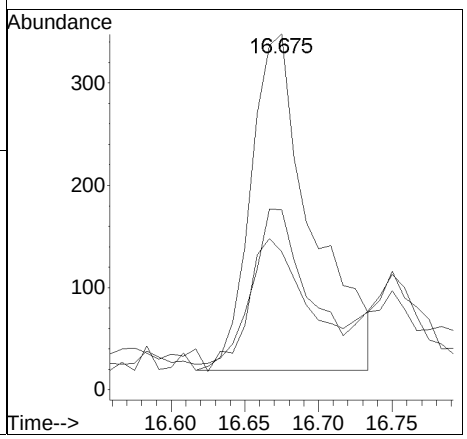


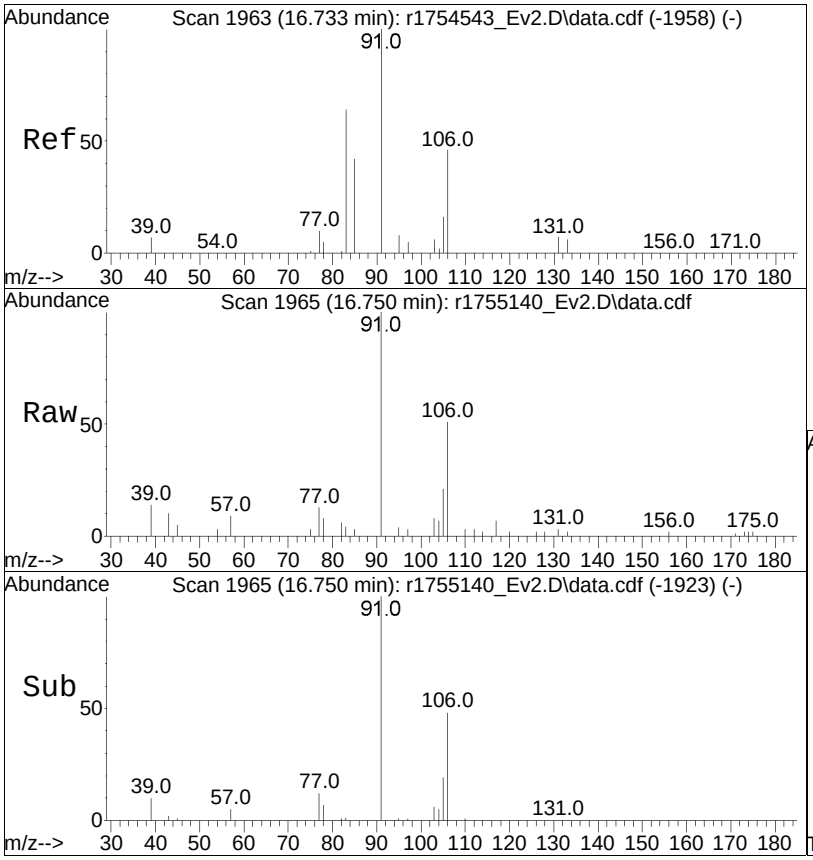


#64
styrene
Concen: 0.02 ppbV
RT: 16.675 min Scan# 1956
Delta R.T. 0.033 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:104 Resp: 949

Ion	Ratio	Lower	Upper
104	100		
103	50.6	34.8	52.2
78	38.8	31.8	47.8

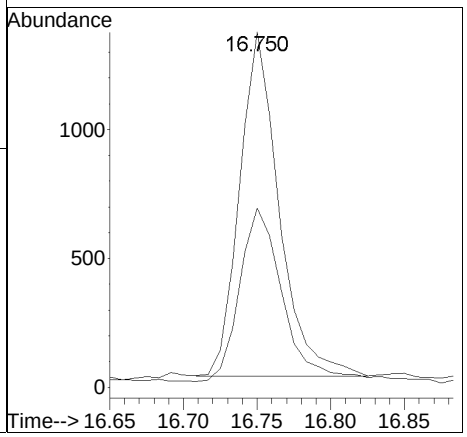


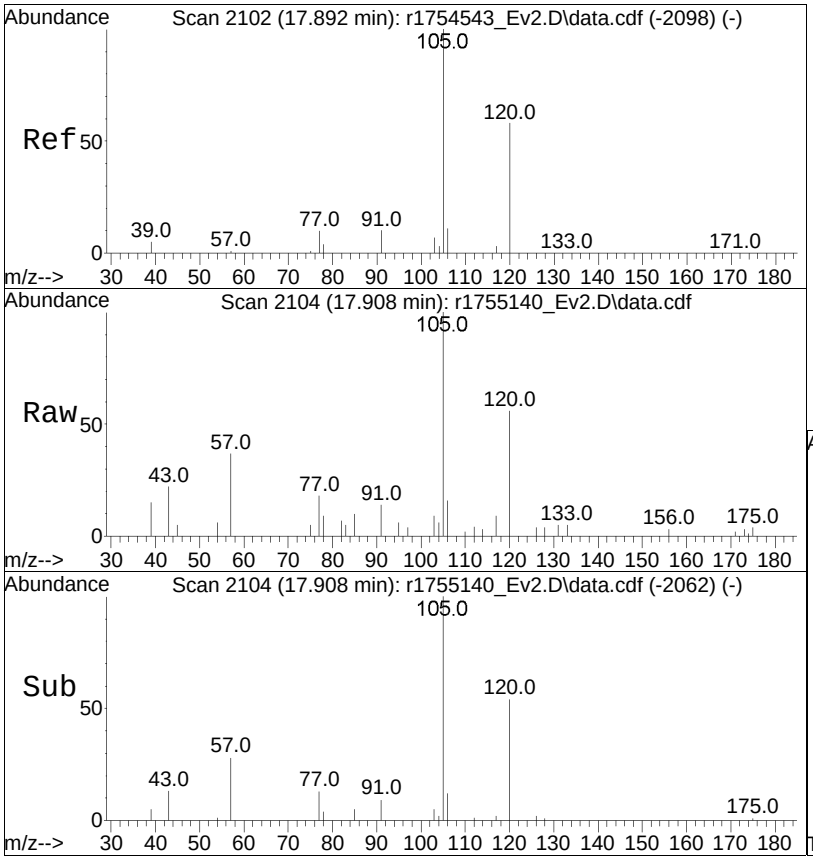


#66
o-xylene
Concen: 0.03 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion: 91 Resp: 2483

Ion	Ratio	Lower	Upper
91	100		
106	50.5	37.0	55.4

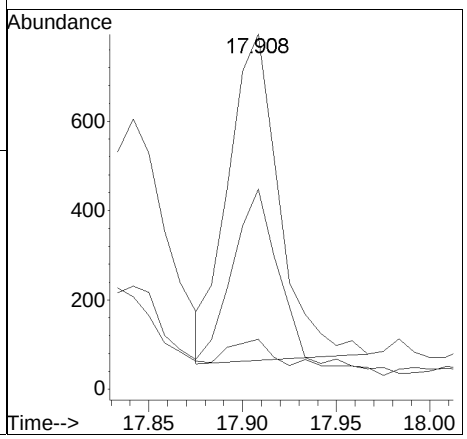


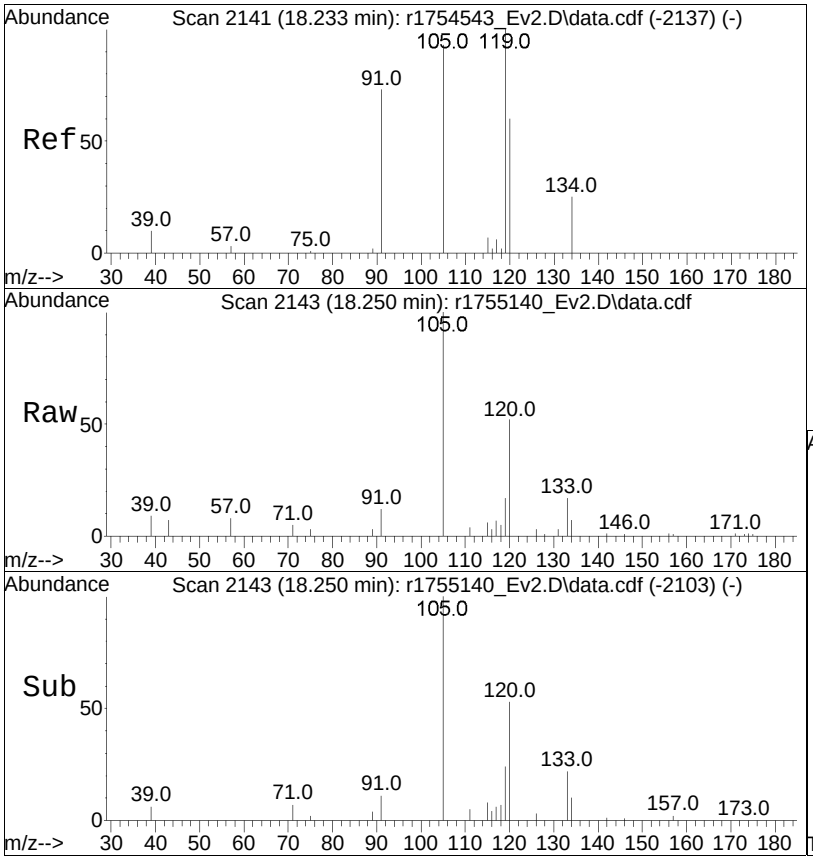


#72
1,3,5-trimethylbenzene
Concen: 0.02 ppbV
RT: 17.908 min Scan# 2104
Delta R.T. 0.017 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:105 Resp: 1389

Ion	Ratio	Lower	Upper
105	100		
120	56.4	46.2	69.4
91	14.1	8.0	12.0#

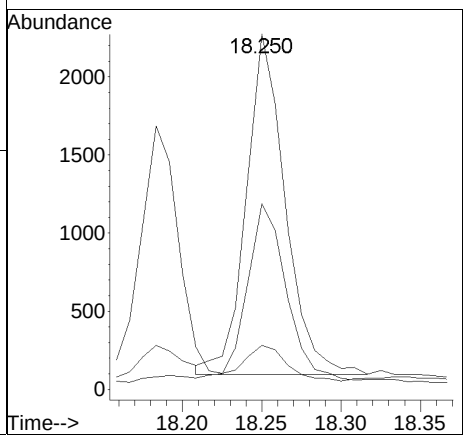




#74
1,2,4-trimethylbenzene
Concen: 0.05 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755140_Ev2.D
Acq: 28 Mar 2026 5:08 AM

Tgt Ion:105 Resp: 3734

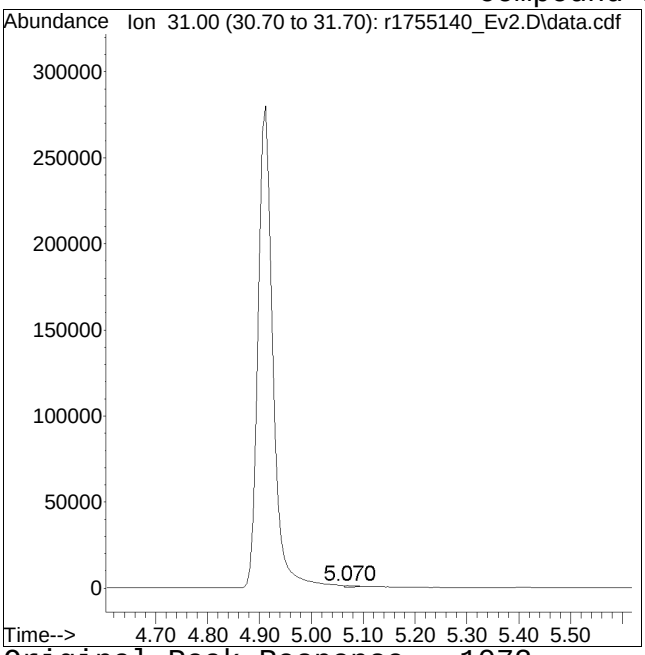
Ion	Ratio	Lower	Upper
105	100		
120	52.3	51.8	77.8
91	12.4	63.4	95.2#



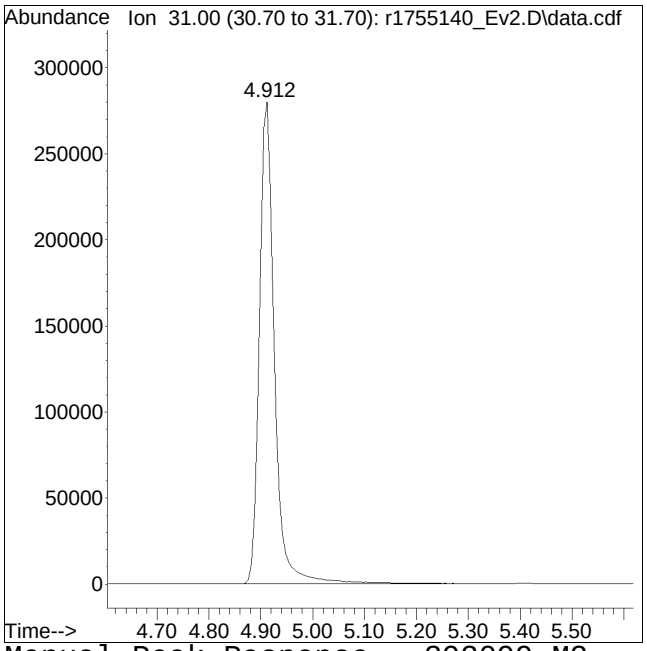
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755140_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/28/2026 5:08 AM Instrument :
Sample : L2612589-04,3,250,250 Quant Date : 3/28/2026 12:37 pm

Compound #11: ethanol



Original Peak Response = 1072



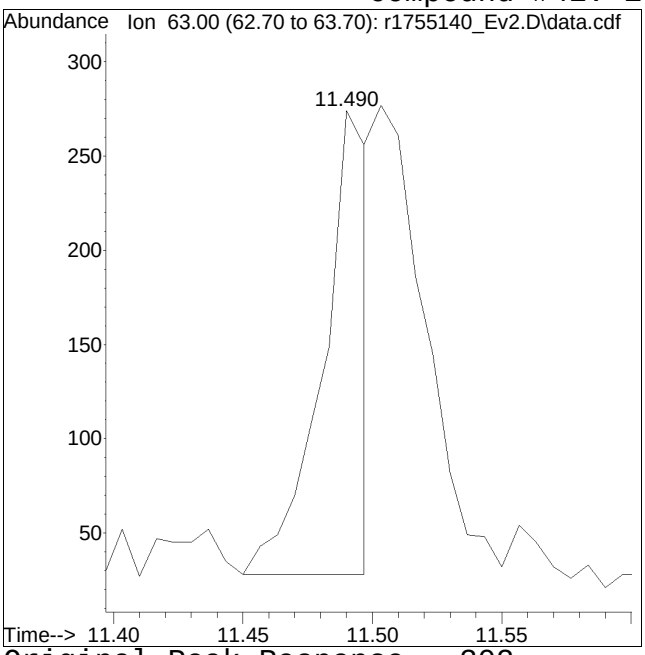
Manual Peak Response = 392099 M2

M2 = Peak not found by automatic integration algorithm.

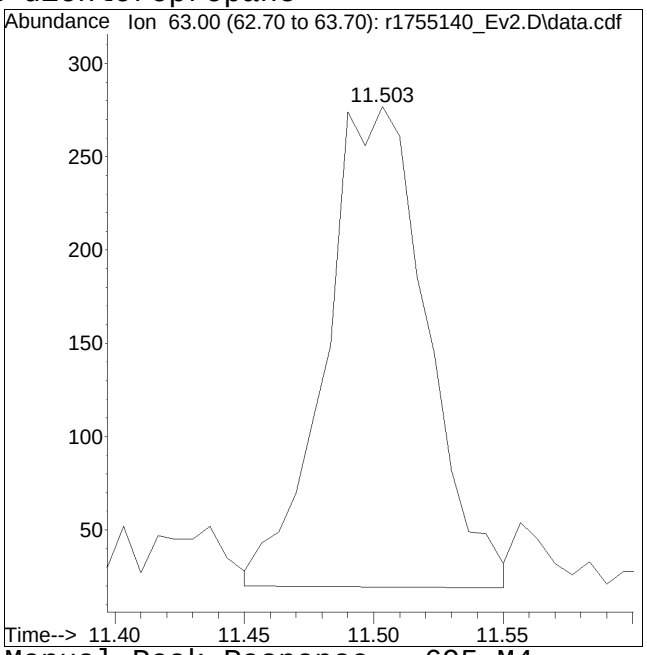
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755140_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/28/2026 5:08 AM Instrument :
Sample : L2612589-04,3,250,250 Quant Date : 3/28/2026 12:37 pm

Compound #42: 1,2-dichloropropane



Original Peak Response = 302



Manual Peak Response = 695 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755141_Ev2.D
Acq On : 28 Mar 2026 5:47 AM
Operator : AIRLAB17:SL
Sample : L2612589-06,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:58 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	232128	10.000	ppbV	0.00
Standard Area = 255556			Recovery =		90.83%	
34) 1,4-difluorobenzene	10.983	114	803179	10.000	ppbV	0.00
Standard Area = 912824			Recovery =		87.99%	
52) chlorobenzene-D5	15.750	54	103129	10.000	ppbV	0.00
Standard Area = 110427			Recovery =		93.39%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.844	85	27463	0.778	ppbV	99
5) chloromethane	3.994	50	9064	0.543	ppbV	100
6) Freon-114	4.102	85	811	0.019	ppbV	94
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	4.612	94	181	0.011	ppbV #	60
10) chloroethane	0.000		0	N.D.	d	
11) ethanol	4.912	31	700872	41.947	ppbV #	86
15) trichlorofluoromethane	5.593	101	8812	0.244	ppbV	97
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.	d	
20) methylene chloride	6.408	49	2848	0.145	ppbV	91
23) Freon 113	6.708	101	3230	0.081	ppbV	96
24) trans-1,2-dichloroethene	0.000		0	N.D.		
25) 1,1-dichloroethane	0.000		0	N.D.		
26) MTBE	0.000		0	N.D.	d	
28) 2-butanone	8.100	43	9844	0.287	ppbV	96
29) cis-1,2-dichloroethene	0.000		0	N.D.		
31) chloroform	8.925	83	979	0.028	ppbV #	94
33) 1,2-dichloroethane	9.750	62	1023	0.044	ppbV #	92
35) hexane	8.842	57	4462	0.121	ppbV #	23
37) 1,1,1-trichloroethane	10.033		0	N.D.		
38) benzene	10.557	78	6371	0.091	ppbV	98
39) carbon tetrachloride	10.730	117	2376	0.077	ppbV	96
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.497	63	1216	0.041	ppbV #	88
43) bromodichloromethane	11.723		0	N.D.		
44) 1,4-dioxane	11.717		0	N.D.		
45) trichloroethene	11.770		0	N.D.		

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755141_Ev2.D
Acq On : 28 Mar 2026 5:47 AM
Operator : AIRLAB17:SL
Sample : L2612589-06,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:58 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

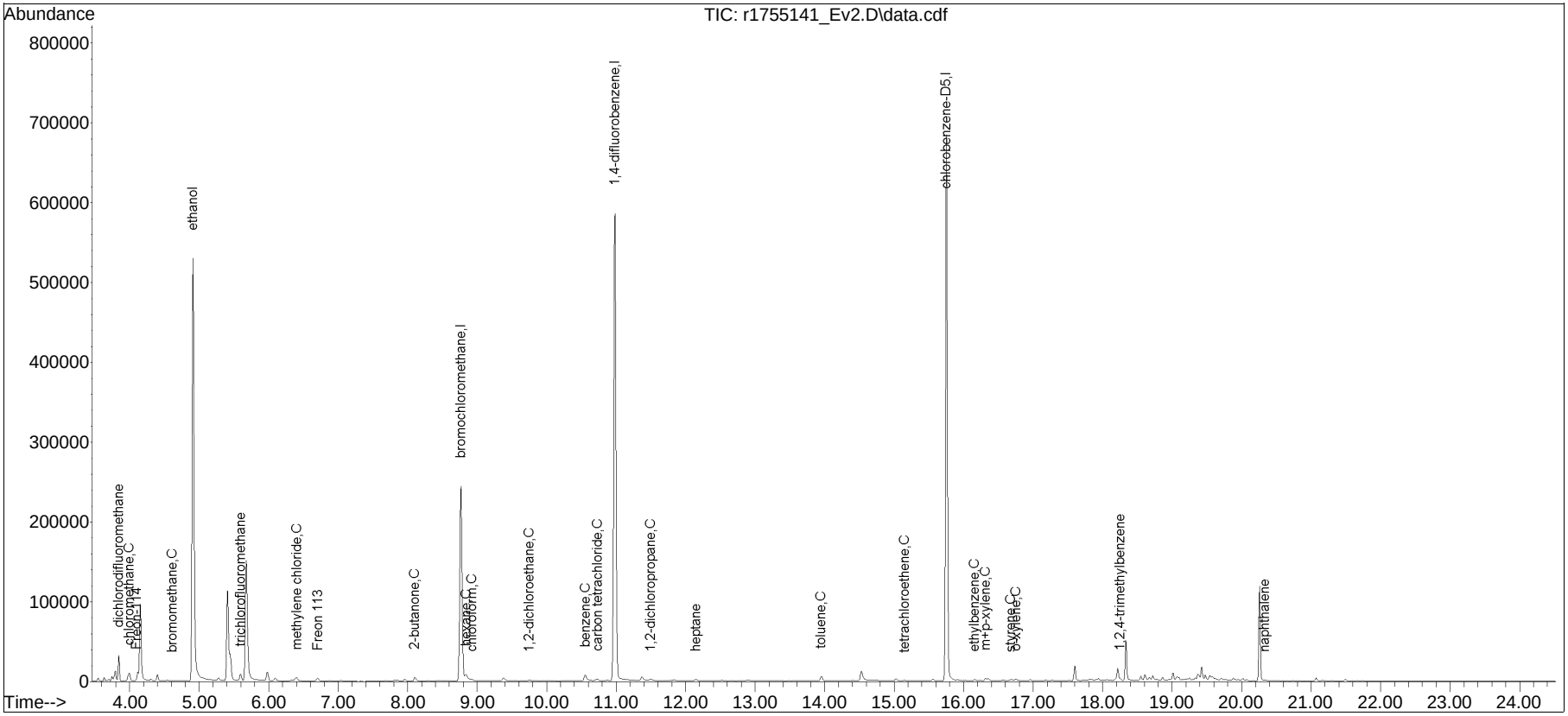
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.150	43	1336	0.035	ppbV	95
48) cis-1,3-dichloropropene	12.775		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	13.350		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.950	91	6917	0.086	ppbV	100
56) dibromochloromethane	14.408		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.150	166	423	0.014	ppbV #	84
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	1591	0.016	ppbV	92
62) m+p-xylene	16.317	91	3666	0.046	ppbV	91
63) bromoform	0.000		0	N.D.		
64) styrene	16.675	104	788	0.014	ppbV	97
65) 1,1,2,2-tetrachloroethane	16.783		0	N.D.		
66) o-xylene	16.750	91	1501	0.019	ppbV #	85
72) 1,3,5-trimethylbenzene	17.908		0	N.D.		
74) 1,2,4-trimethylbenzene	18.250	105	1921	0.024	ppbV #	53
75) Benzyl Chloride	18.442		0	N.D.		
76) 1,3-dichlorobenzene	18.392		0	N.D.		
77) 1,4-dichlorobenzene	18.450		0	N.D.		
81) 1,2-dichlorobenzene	18.725		0	N.D.		
84) 1,2,4-trichlorobenzene	20.217		0	N.D.		
85) naphthalene	20.333	128	1952M2	0.021	ppbV	
87) hexachlorobutadiene	0.000		0	N.D.		

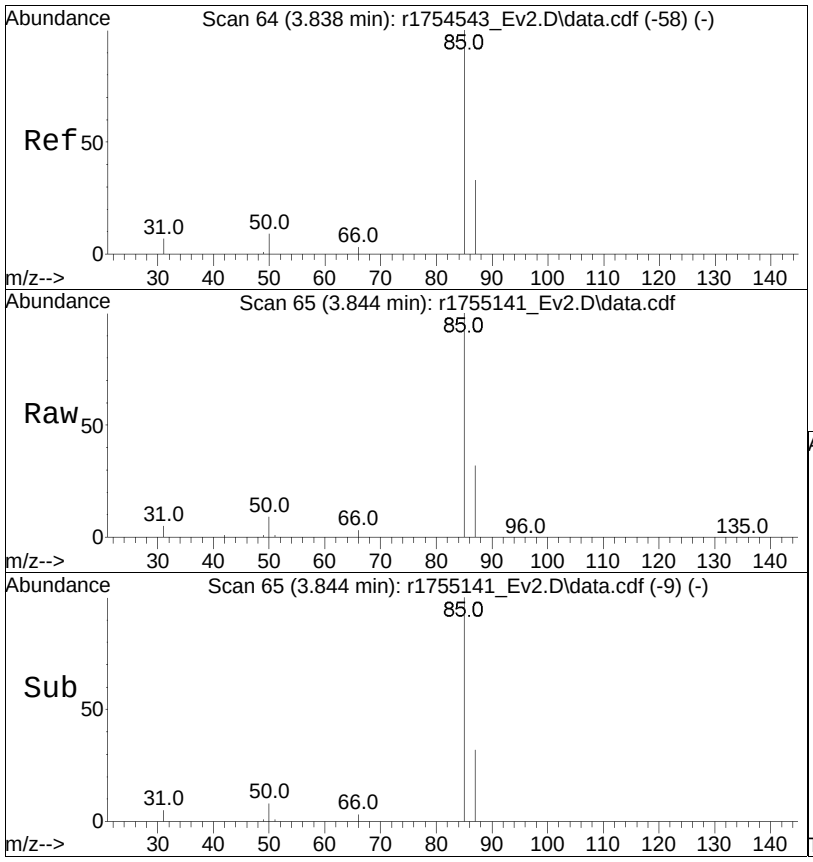
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755141_Ev2.D
Acq On : 28 Mar 2026 5:47 AM
Operator : AIRLAB17:SL
Sample : L2612589-06,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:37:58 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

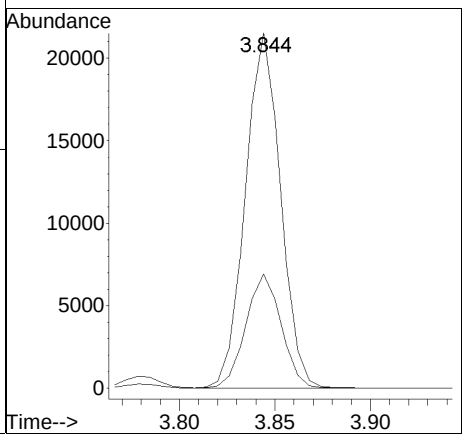


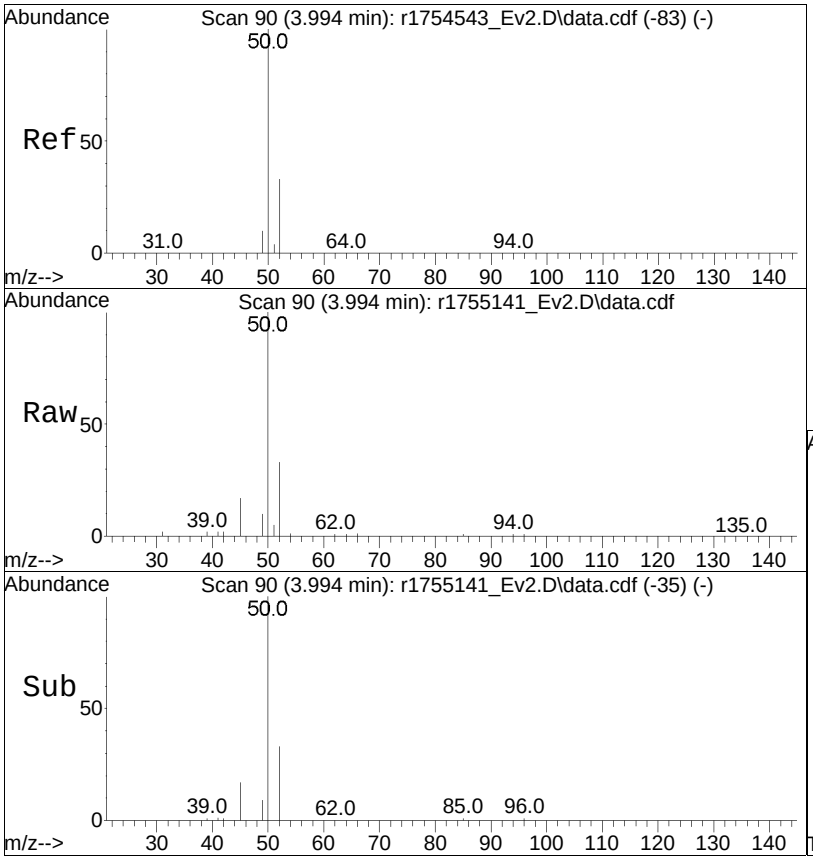


#4
dichlorodifluoromethane
Concen: 0.78 ppbV
RT: 3.844 min Scan# 65
Delta R.T. 0.006 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 85 Resp: 27463

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.2	39.4

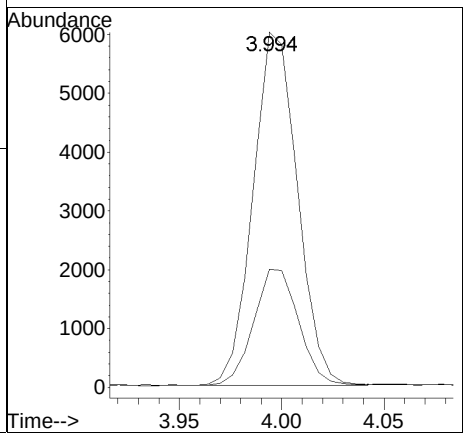


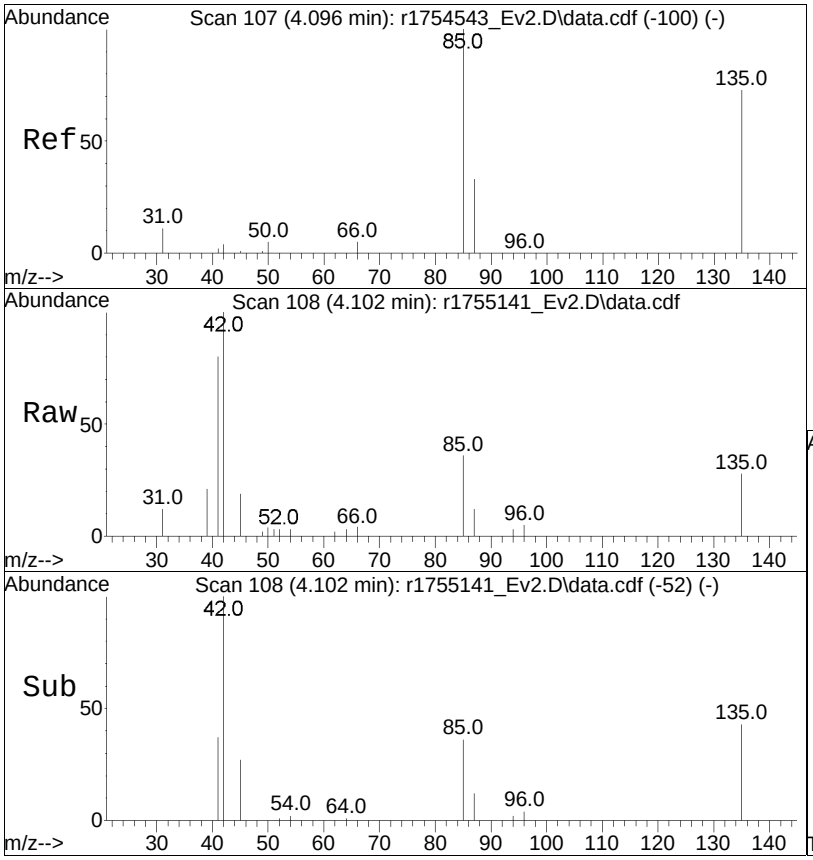


#5
chloromethane
Concen: 0.54 ppbV
RT: 3.994 min Scan# 90
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 50 Resp: 9064

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	39.8

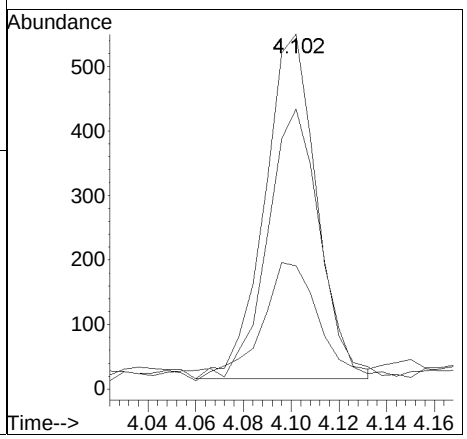


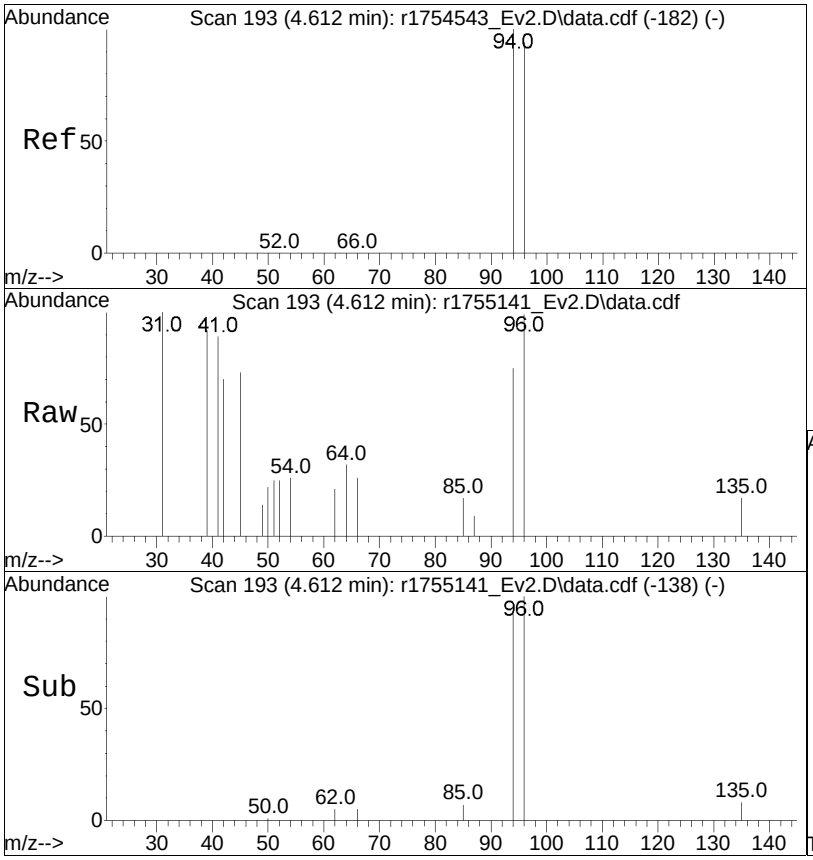


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.102 min Scan# 108
Delta R.T. 0.006 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 85 Resp: 811

Ion	Ratio	Lower	Upper
85	100		
87	34.7	26.2	39.4
135	78.9	58.1	87.1

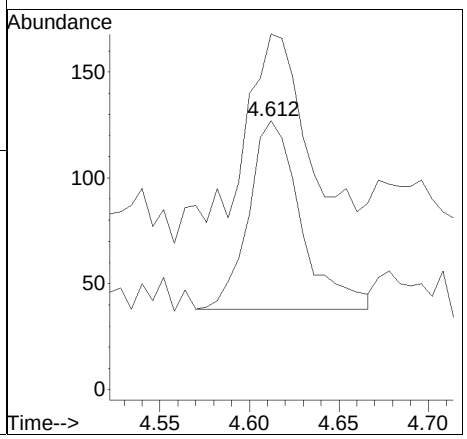


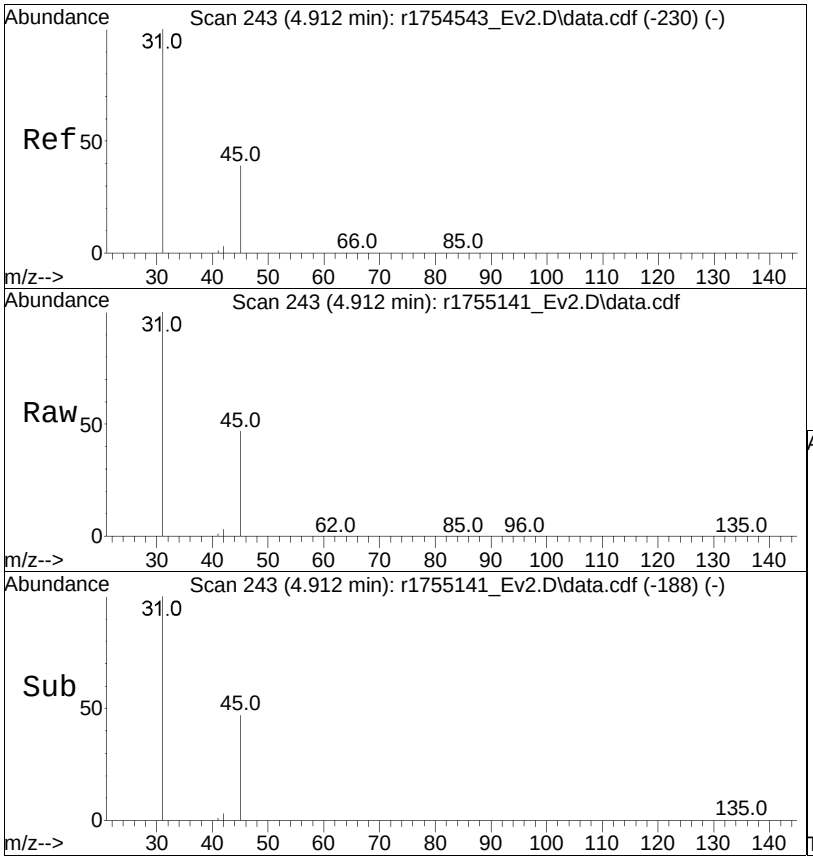


#9
bromomethane
Concen: 0.01 ppbV
RT: 4.612 min Scan# 193
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 94 Resp: 181

Ion	Ratio	Lower	Upper
94	100		
96	132.3	74.9	112.3#

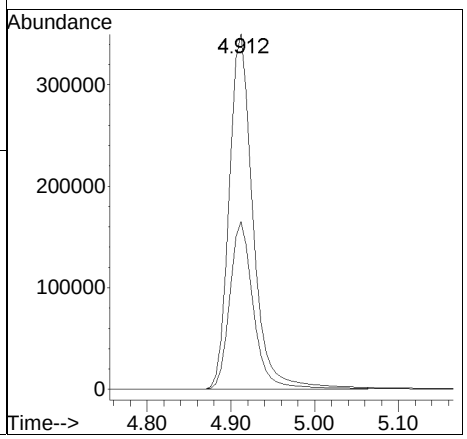


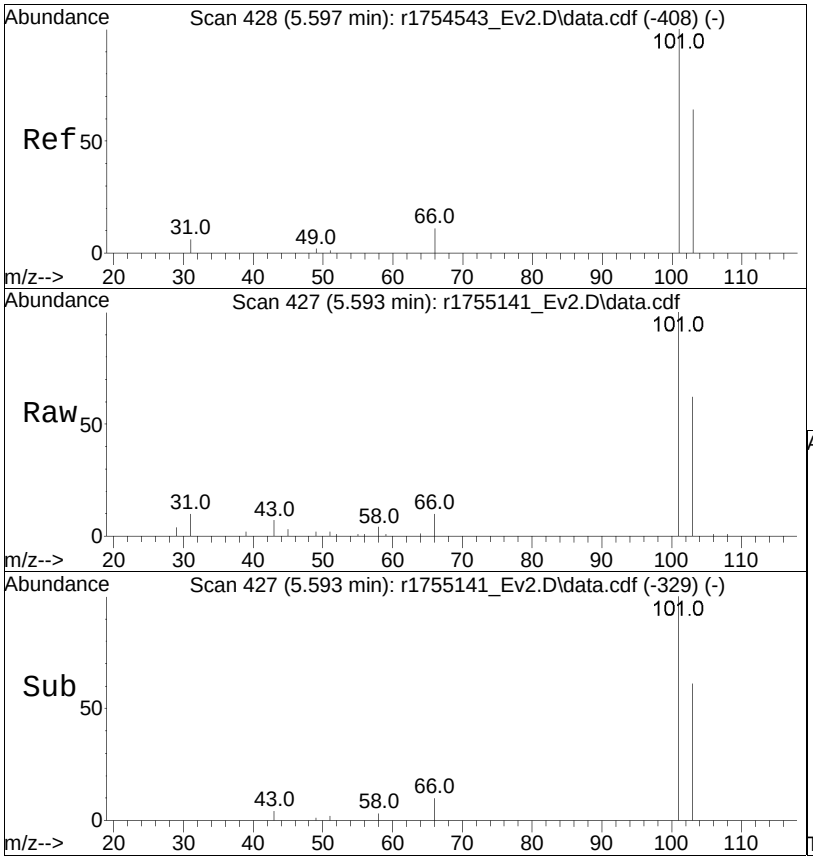


#11
ethanol
Concen: 41.95 ppbV
RT: 4.912 min Scan# 243
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 31 Resp: 700872

Ion	Ratio	Lower	Upper
31	100		
45	47.2	31.0	46.4#

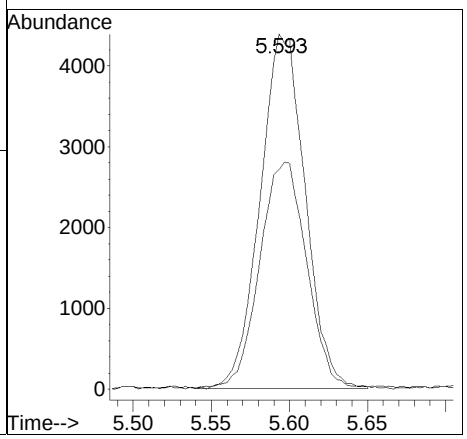


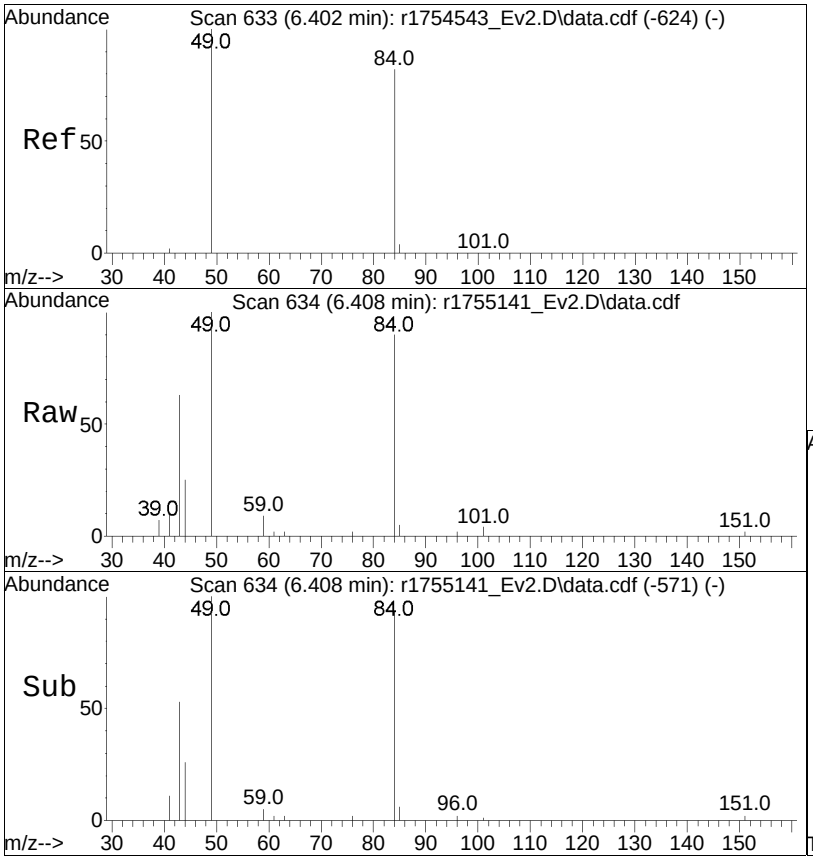


#15
trichlorofluoromethane
Concen: 0.24 ppbV
RT: 5.593 min Scan# 427
Delta R.T. -0.003 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:101 Resp: 8812

Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.4	77.0

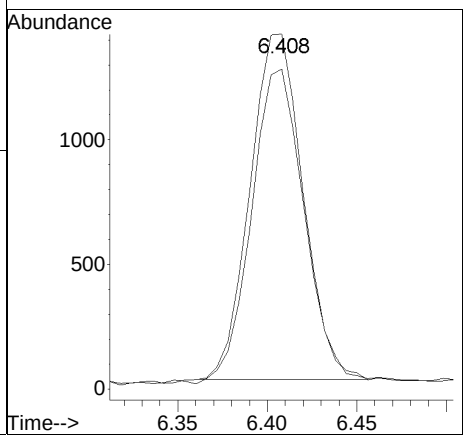


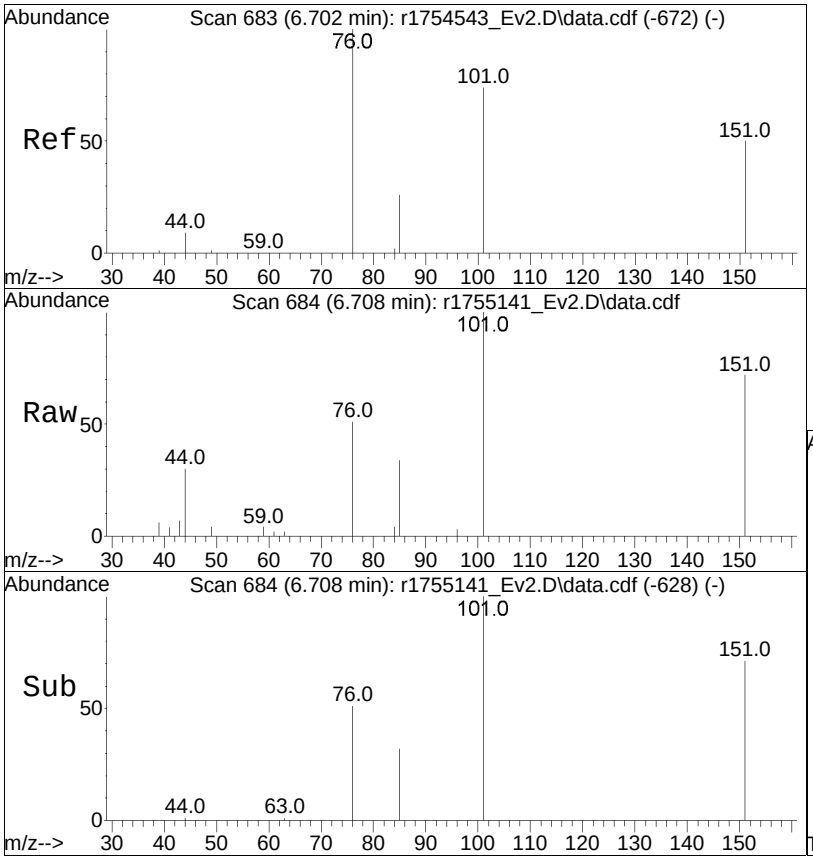


#20
methylene chloride
Concen: 0.15 ppbV
RT: 6.408 min Scan# 634
Delta R.T. 0.006 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 49 Resp: 2848

Ion	Ratio	Lower	Upper
49	100		
84	90.2	65.9	98.9

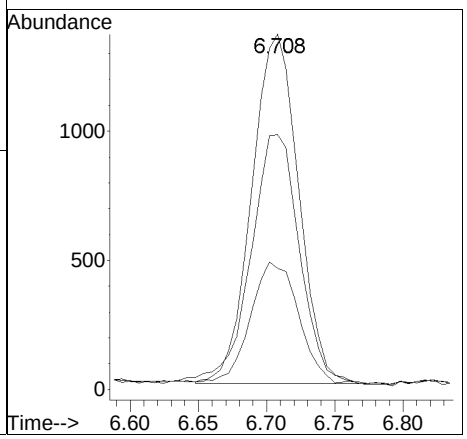


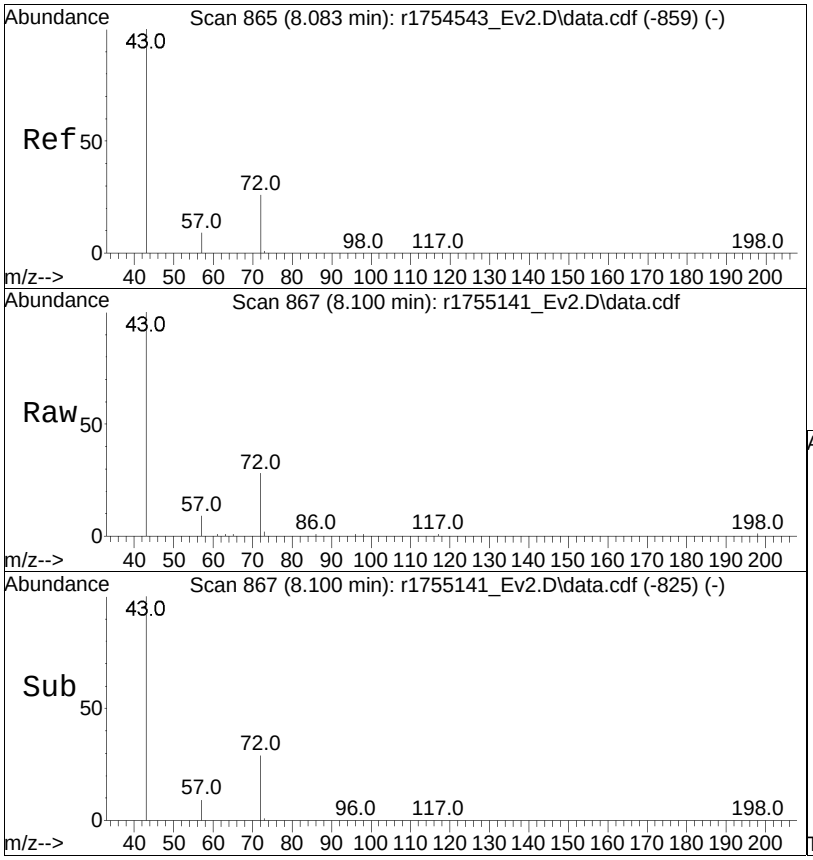


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.708 min Scan# 684
Delta R.T. 0.006 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:101 Resp: 3230

Ion	Ratio	Lower	Upper
101	100		
85	34.1	27.5	41.3
151	71.7	53.4	80.0

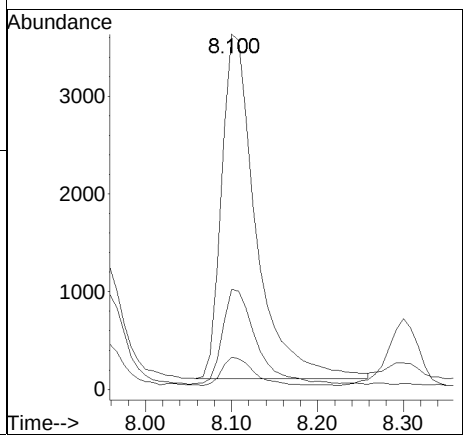


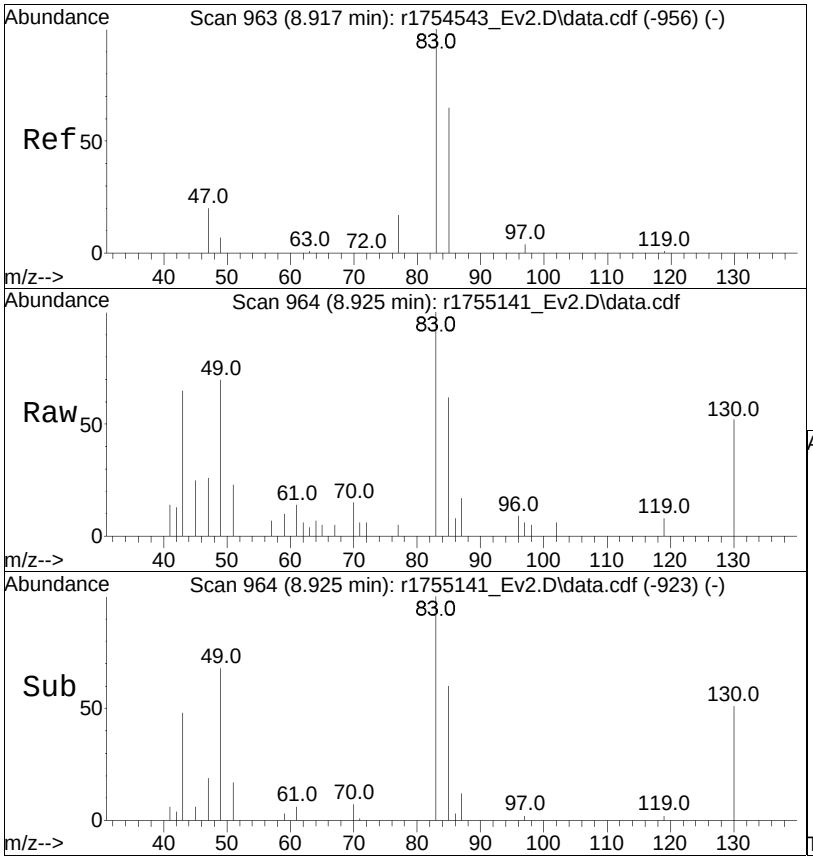


#28
2-butanone
Concen: 0.29 ppbV
RT: 8.100 min Scan# 867
Delta R.T. 0.017 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 43 Resp: 9844

Ion	Ratio	Lower	Upper
43	100		
72	28.2	20.7	31.1
57	9.1	6.9	10.3

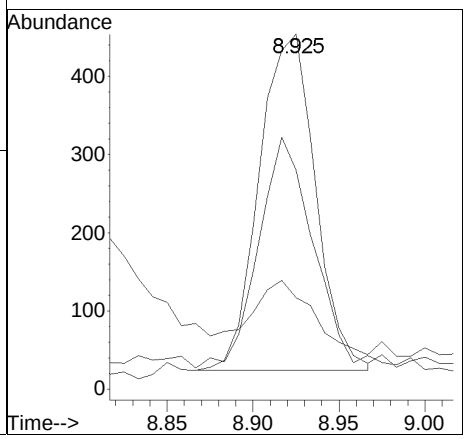


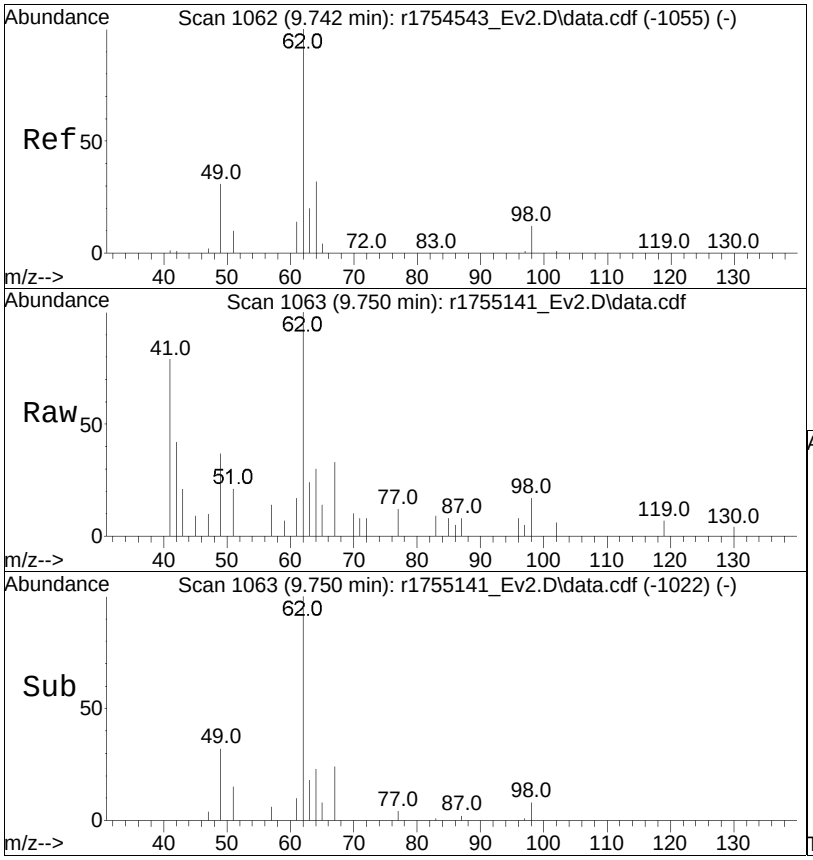


#31
chloroform
Concen: 0.03 ppbV
RT: 8.925 min Scan# 964
Delta R.T. 0.008 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 83 Resp: 979

Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.3	78.5
47	25.8	16.5	24.7#

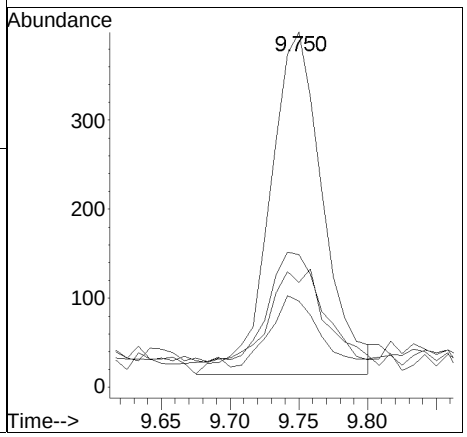


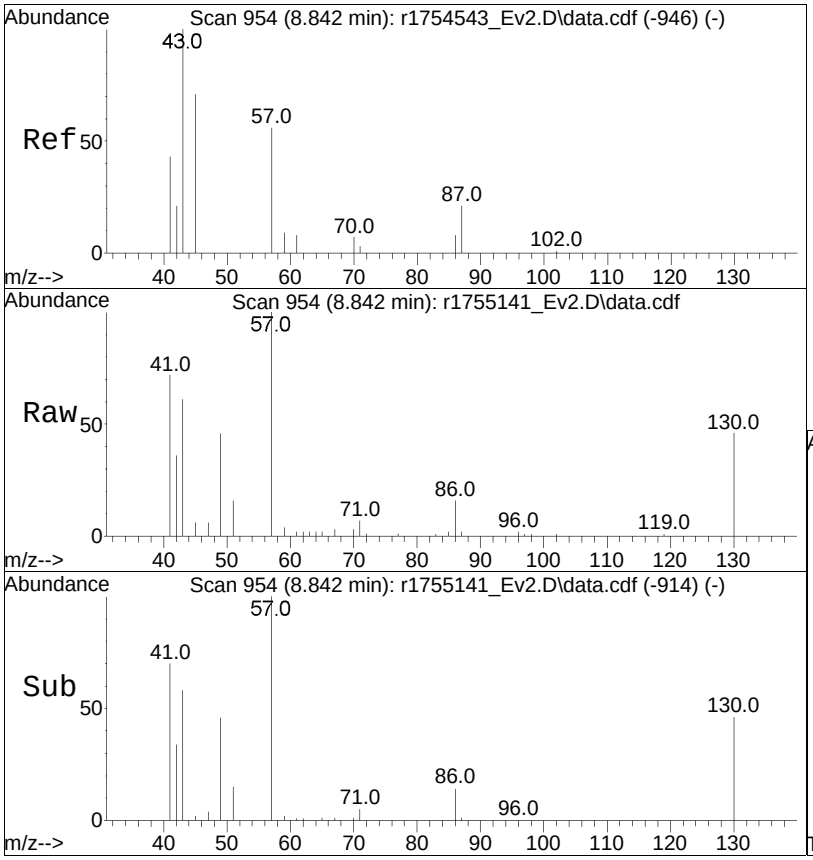


#33
1,2-dichloroethane
Concen: 0.04 ppbV
RT: 9.750 min Scan# 1063
Delta R.T. 0.008 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 62 Resp: 1023

Ion	Ratio	Lower	Upper
62	100		
64	29.6	25.4	38.2
49	37.3	24.6	37.0#
63	24.3	15.9	23.9#

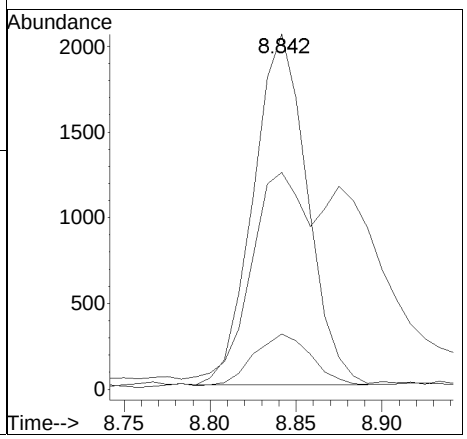


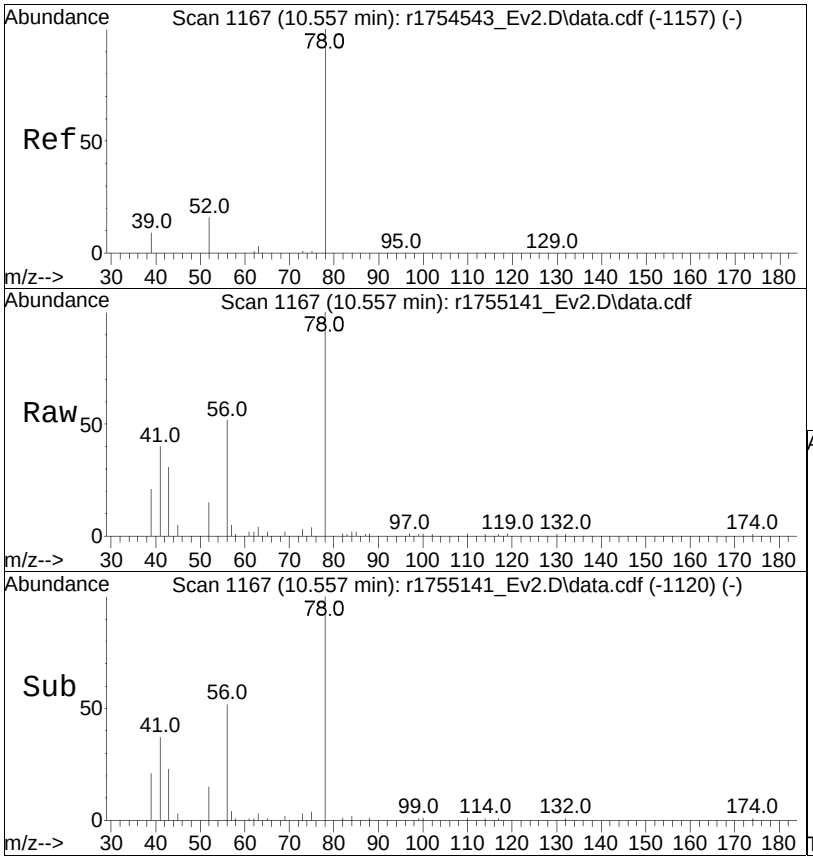


#35
hexane
Concen: 0.12 ppbV
RT: 8.842 min Scan# 954
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 57 Resp: 4462

Ion	Ratio	Lower	Upper
57	100		
43	61.1	143.4	215.2#
86	15.6	11.9	17.9

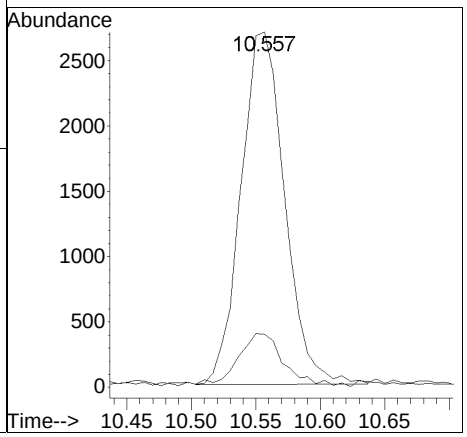


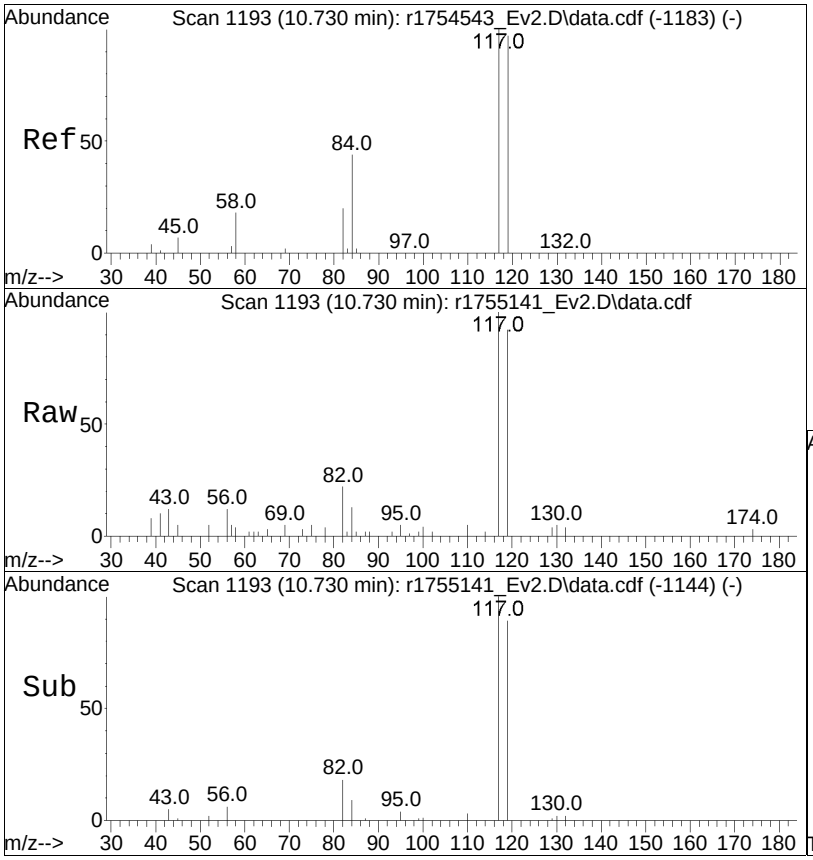


#38
benzene
Concen: 0.09 ppbV
RT: 10.557 min Scan# 1167
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 78 Resp: 6371

Ion	Ratio	Lower	Upper
78	100		
52	14.9	12.7	19.1

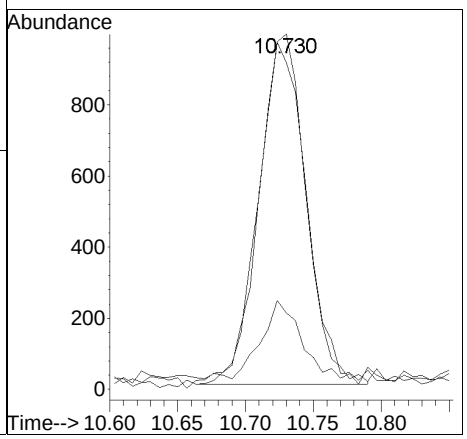


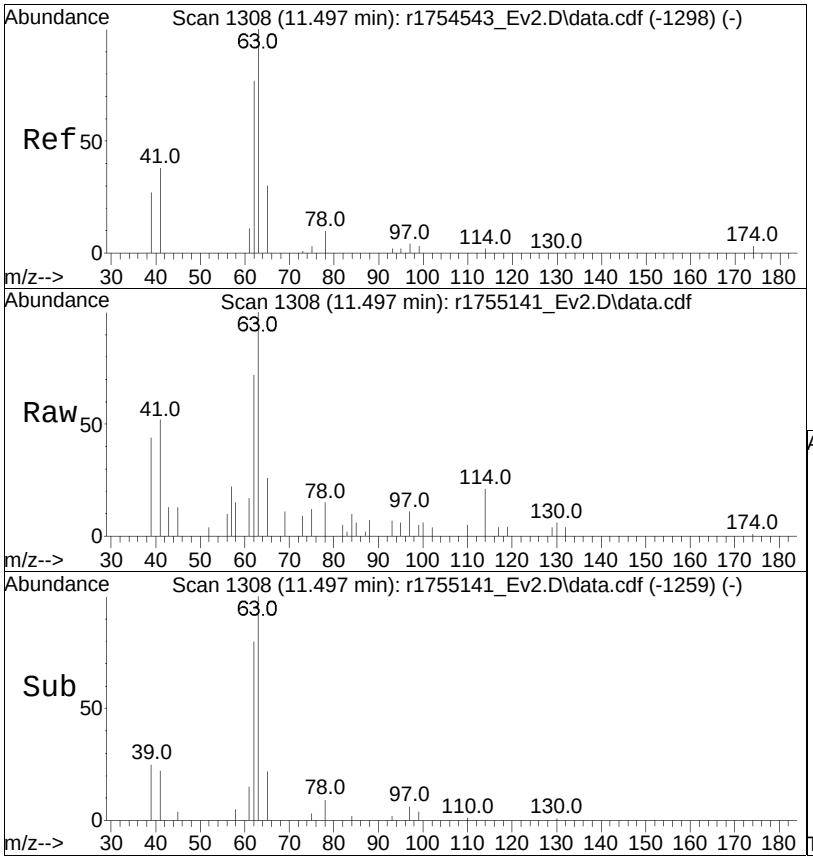


#39
carbon tetrachloride
Concen: 0.08 ppbV
RT: 10.730 min Scan# 1193
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:117 Resp: 2376

Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.3	115.9
82	21.5	16.2	24.2

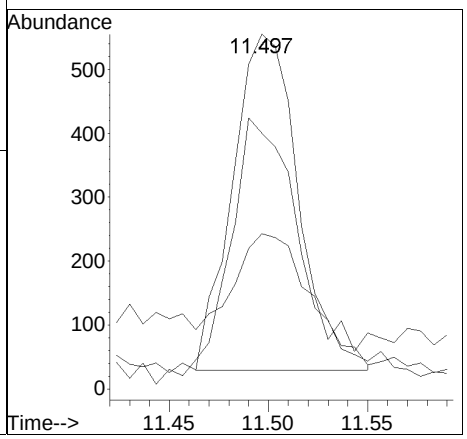


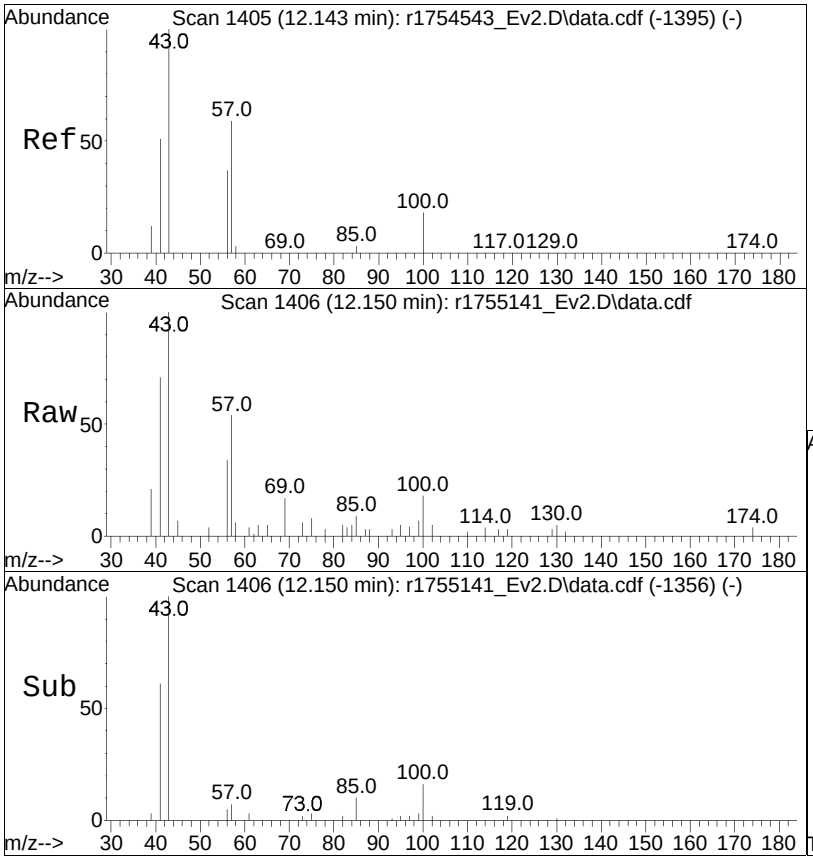


#42
1,2-dichloropropane
Concen: 0.04 ppbV
RT: 11.497 min Scan# 1308
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 63 Resp: 1216

Ion	Ratio	Lower	Upper
63	100		
62	72.1	61.5	92.3
39	43.8	22.2	33.2#

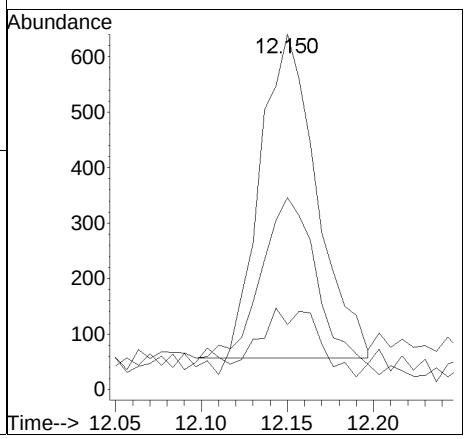


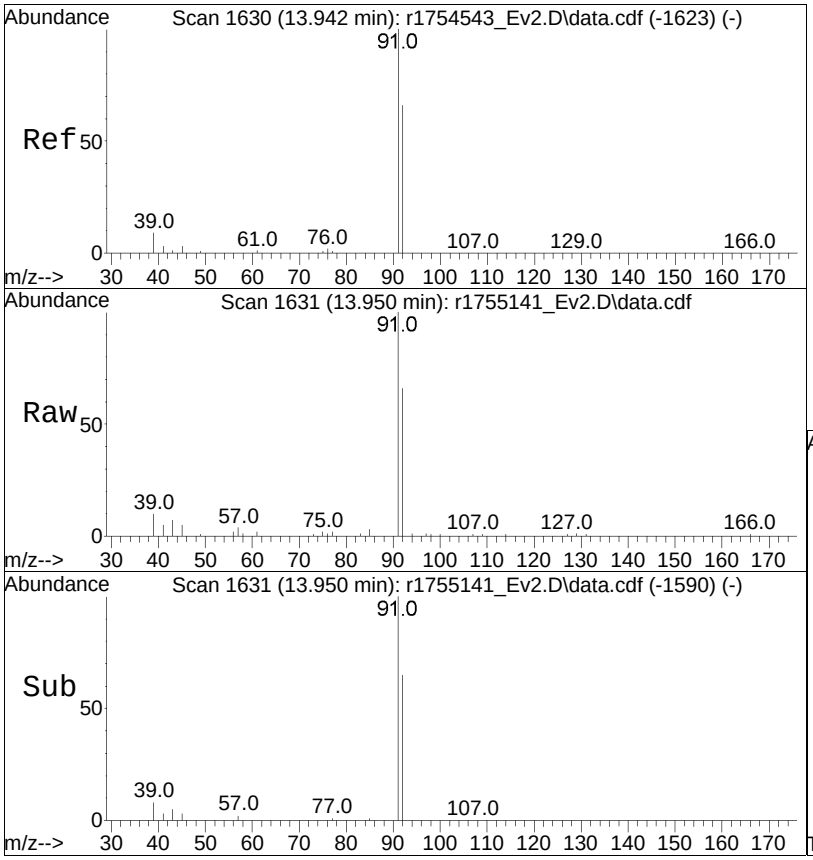


#47
heptane
Concen: 0.03 ppbV
RT: 12.150 min Scan# 1406
Delta R.T. 0.007 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
57	54.0	47.2	70.8
100	18.3	14.9	22.3

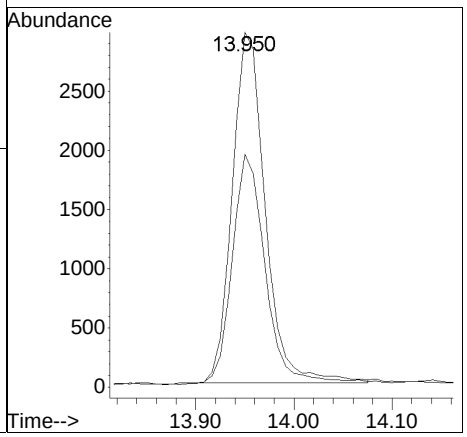


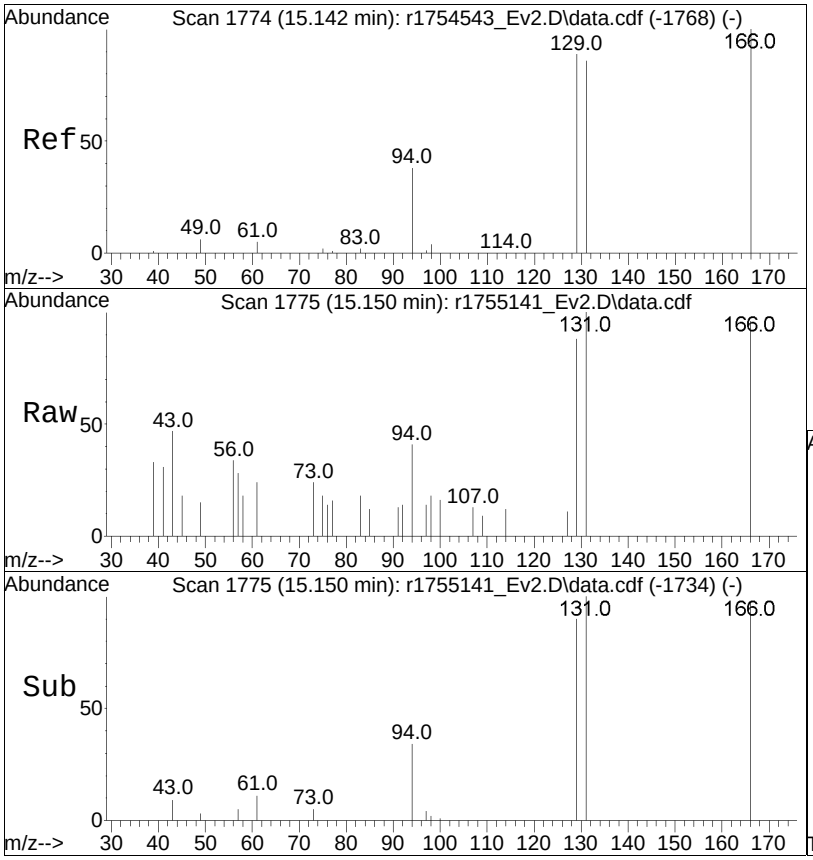


#53
toluene
Concen: 0.09 ppbV
RT: 13.950 min Scan# 1631
Delta R.T. 0.008 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 91 Resp: 6917

Ion	Ratio	Lower	Upper
91	100		
92	65.6	52.6	78.8

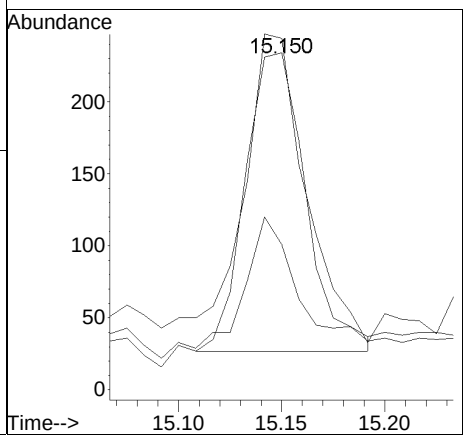


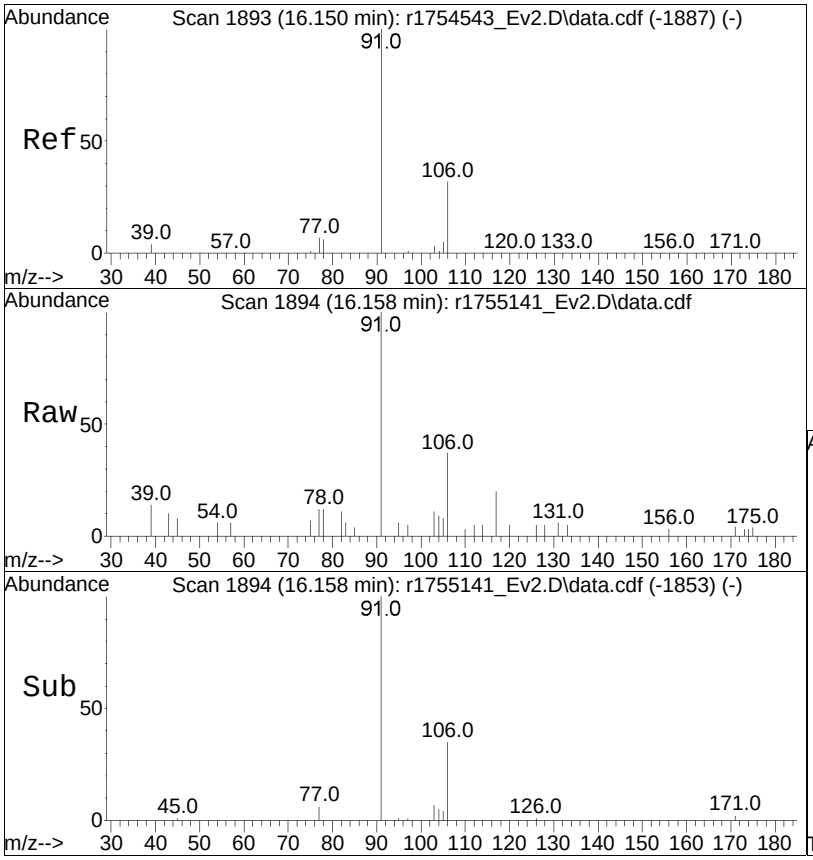


#58
tetrachloroethene
Concen: 0.01 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. 0.008 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:166 Resp: 423

Ion	Ratio	Lower	Upper
166	100		
131	104.3	69.1	103.7#
94	43.2	30.7	46.1

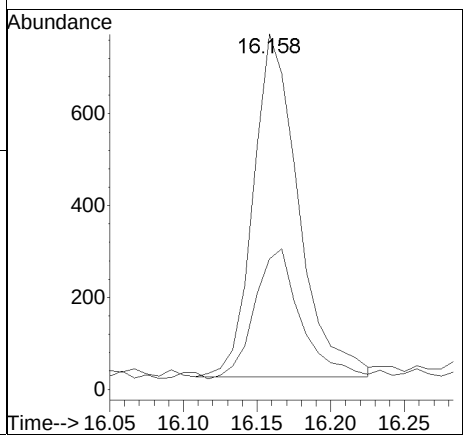


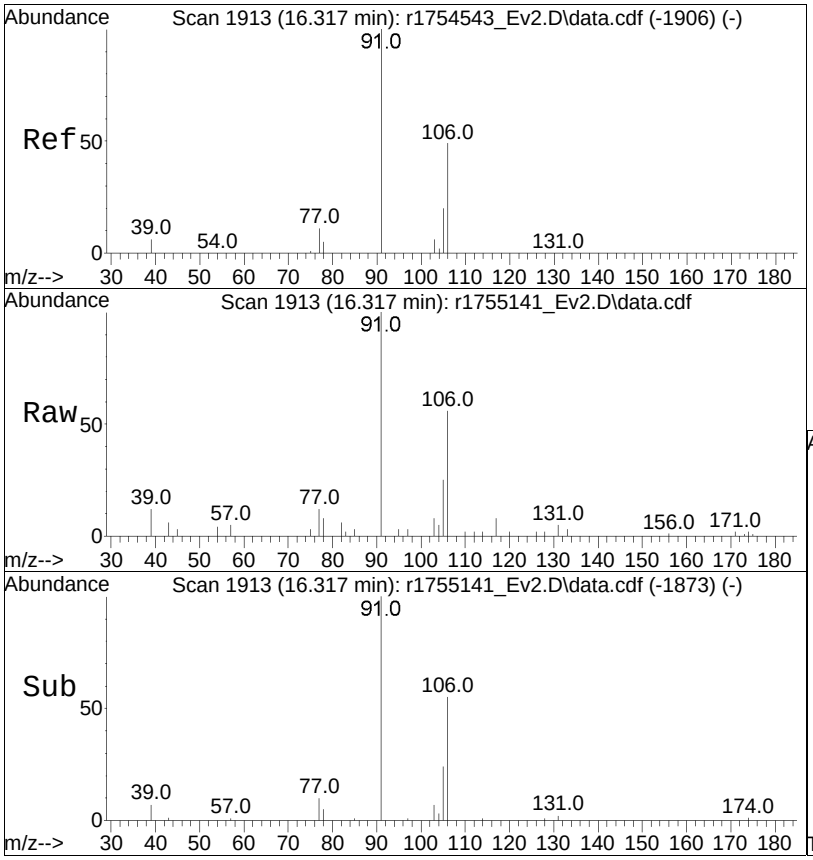


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 91 Resp: 1591

Ion	Ratio	Lower	Upper
91	100		
106	36.7	25.8	38.6

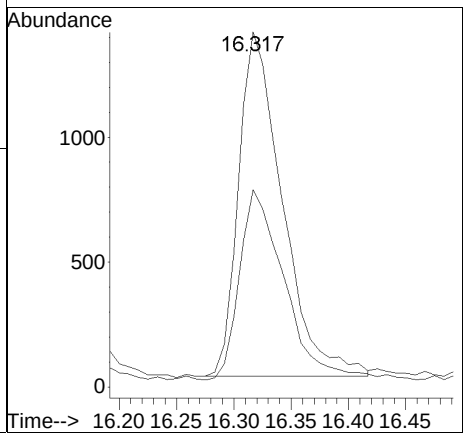


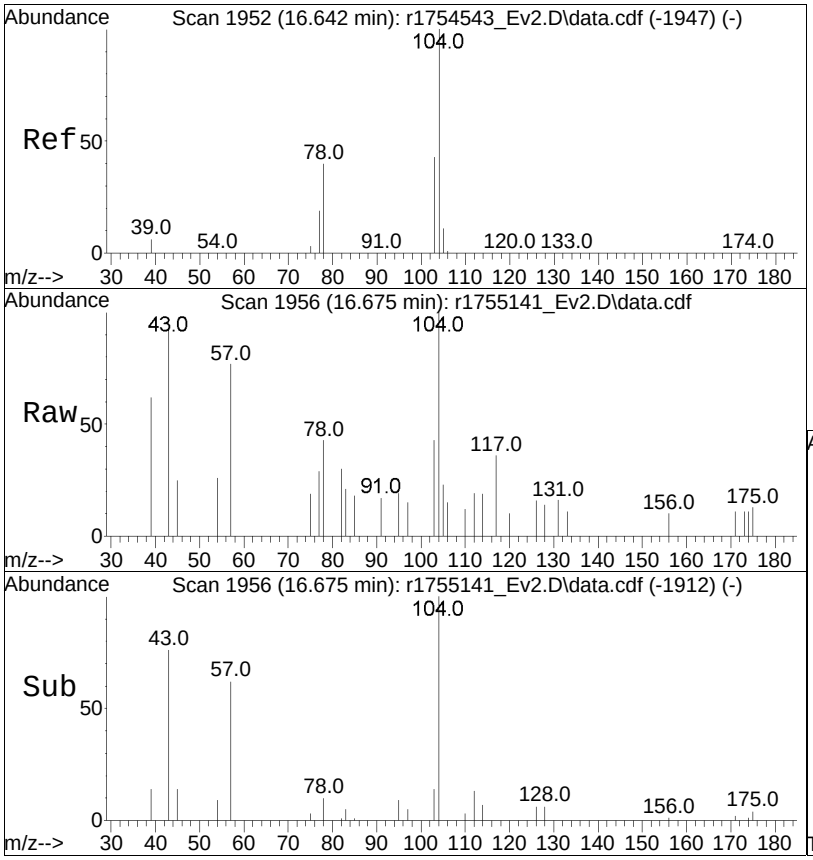


#62
m+p-xylene
Concen: 0.05 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. 0.000 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 91 Resp: 3666

Ion	Ratio	Lower	Upper
91	100		
106	55.6	39.4	59.0

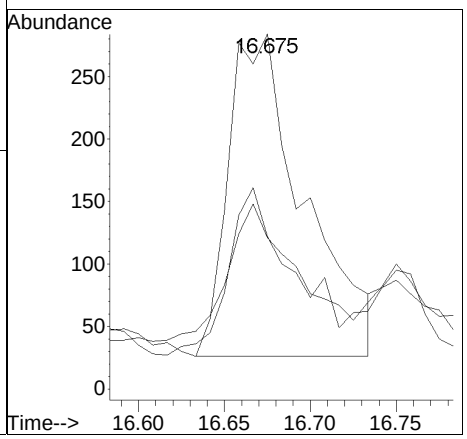


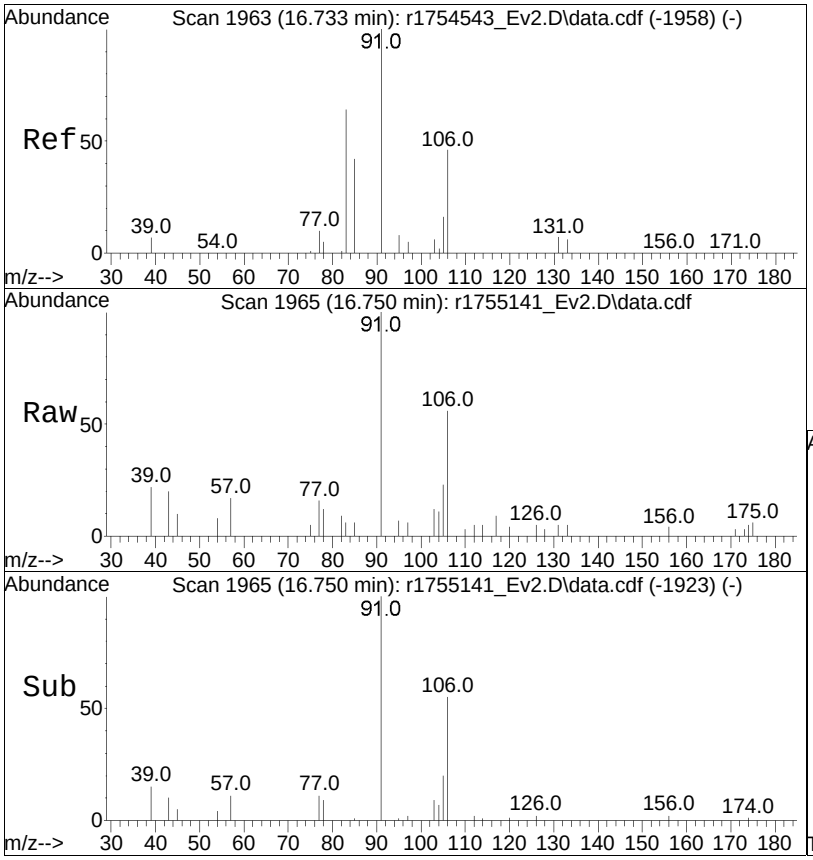


#64
styrene
Concen: 0.01 ppbV
RT: 16.675 min Scan# 1956
Delta R.T. 0.033 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:104 Resp: 788

Ion	Ratio	Lower	Upper
104	100		
103	43.0	34.8	52.2
78	42.6	31.8	47.8

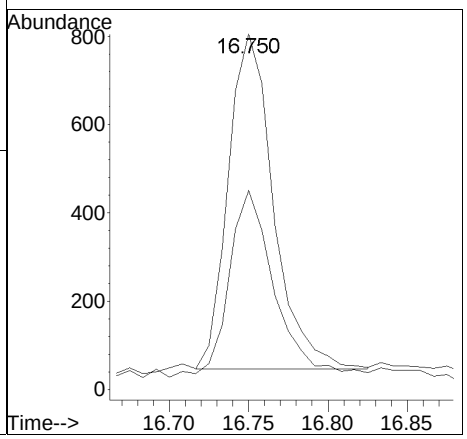


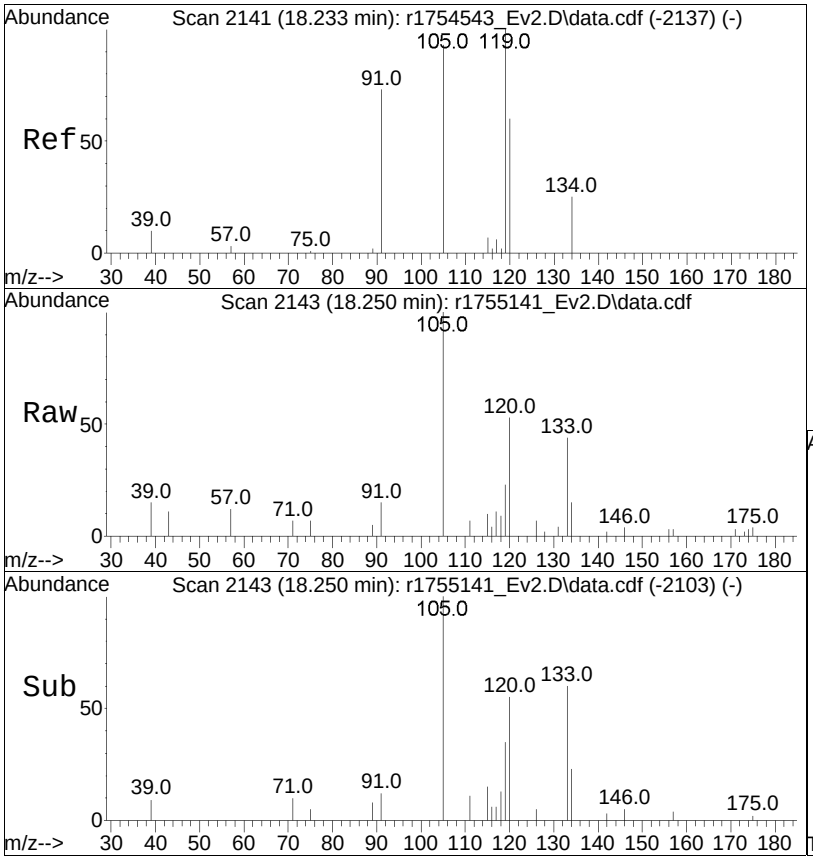


#66
o-xylene
Concen: 0.02 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion: 91 Resp: 1501

Ion	Ratio	Lower	Upper
91	100		
106	56.0	37.0	55.4#

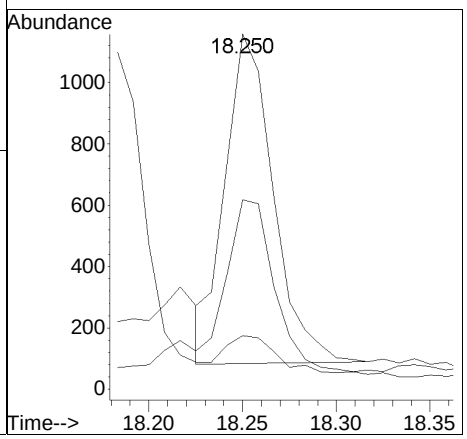


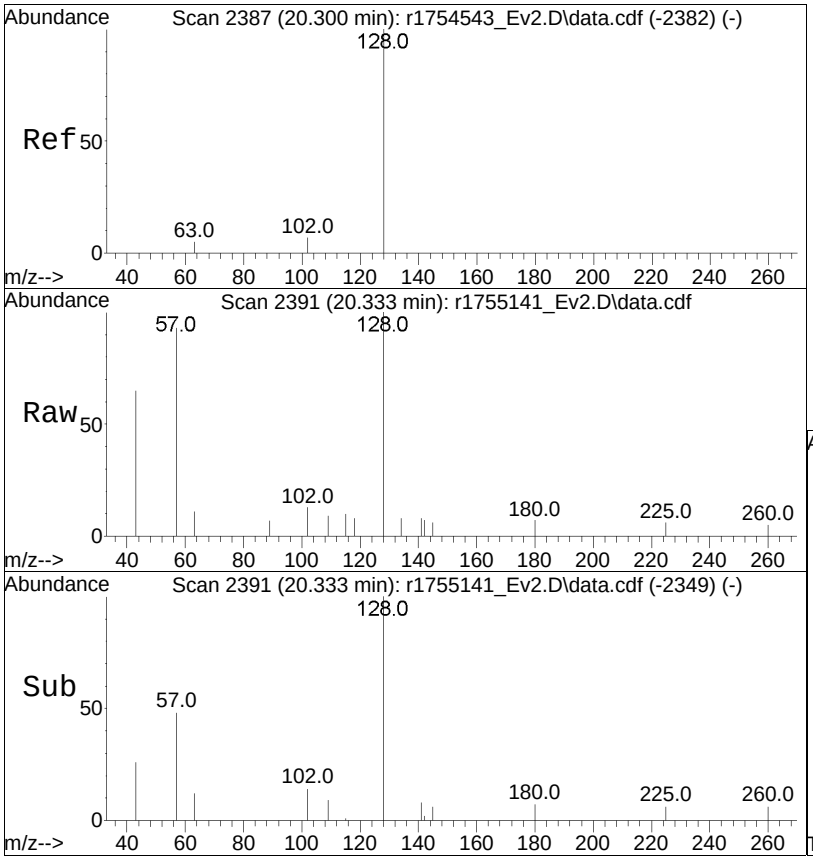


#74
1,2,4-trimethylbenzene
Concen: 0.02 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:105 Resp: 1921

Ion	Ratio	Lower	Upper
105	100		
120	53.4	51.8	77.8
91	15.1	63.4	95.2#

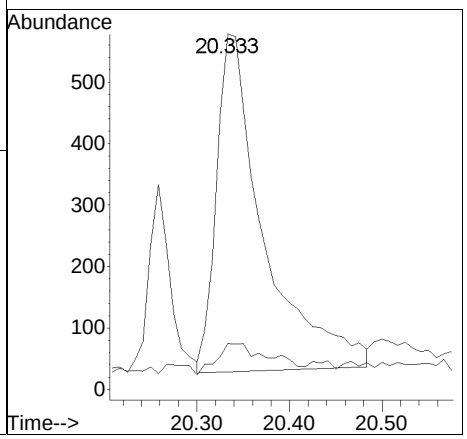




#85
naphthalene
Concen: 0.02 ppbV m
RT: 20.333 min Scan# 2391
Delta R.T. 0.033 min
Lab File: r1755141_Ev2.D
Acq: 28 Mar 2026 5:47 AM

Tgt Ion:128 Resp: 1952

Ion	Ratio	Lower	Upper
128	100		
102	13.0	5.7	8.5#

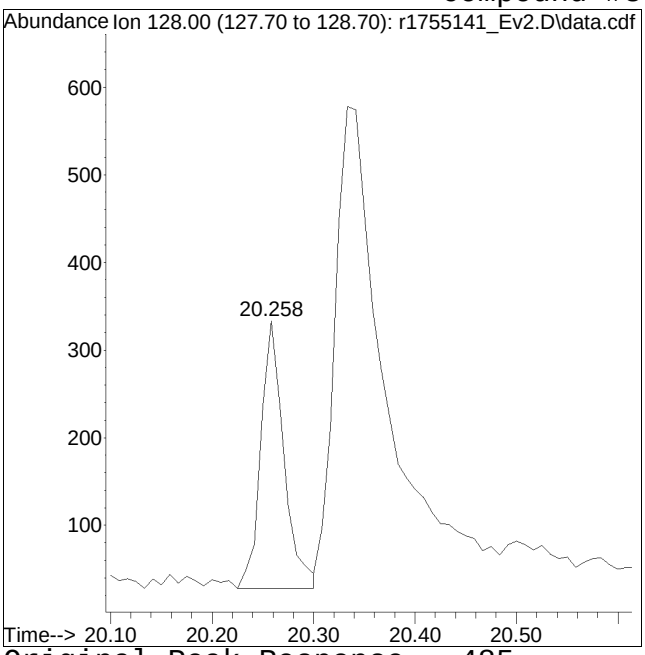


Manual Integration Report

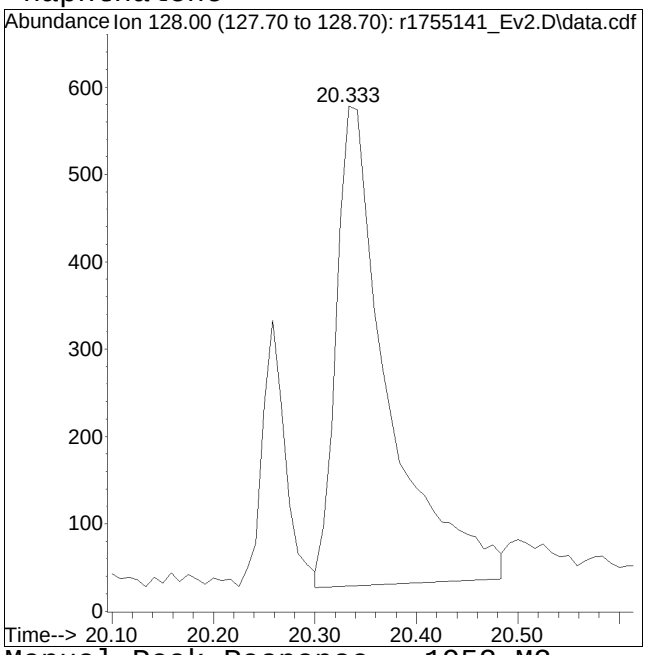
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1755141_Ev2.D
Date Inj'd : 3/28/2026 5:47 AM
Sample : L2612589-06,3,250,250

Method : TSIM17_260305.M
Operator : AIRLAB17:SL
Instrument :
Quant Date : 3/28/2026 12:37 pm

Compound #85: naphthalene



Original Peak Response = 485



Manual Peak Response = 1952 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755142_Ev2.D
Acq On : 28 Mar 2026 6:25 AM
Operator : AIRLAB17:SL
Sample : L2612589-08,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:06 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	239764	10.000	ppbV	0.00
Standard Area = 255556			Recovery = 93.82%			
34) 1,4-difluorobenzene	10.983	114	823205	10.000	ppbV	0.00
Standard Area = 912824			Recovery = 90.18%			
52) chlorobenzene-D5	15.750	54	101311	10.000	ppbV	0.00
Standard Area = 110427			Recovery = 91.74%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.850	85	26850	0.736	ppbV	100
5) chloromethane	4.006	50	9383	0.544	ppbV	100
6) Freon-114	4.108	85	810	0.018	ppbV	89
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	4.624		0	N.D.		
10) chloroethane	0.000		0	N.D.	d	
11) ethanol	4.924	31	708777	41.069	ppbV #	85
15) trichlorofluoromethane	5.603	101	8533	0.228	ppbV	99
18) 1,1-dichloroethene	6.216		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.	d	
20) methylene chloride	6.414	49	2939	0.145	ppbV	90
23) Freon 113	6.708	101	3025	0.074	ppbV	99
24) trans-1,2-dichloroethene	7.442		0	N.D.		
25) 1,1-dichloroethane	0.000		0	N.D.		
26) MTBE	7.692		0	N.D.		
28) 2-butanone	8.108	43	7917	0.224	ppbV	97
29) cis-1,2-dichloroethene	8.592	61	416	0.013	ppbV #	82
31) chloroform	8.925	83	933	0.026	ppbV #	96
33) 1,2-dichloroethane	9.750	62	826	0.035	ppbV #	88
35) hexane	8.842	57	4846	0.128	ppbV #	23
37) 1,1,1-trichloroethane	10.042		0	N.D.		
38) benzene	10.557	78	5588	0.078	ppbV	97
39) carbon tetrachloride	10.730	117	2226	0.070	ppbV	98
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.503	63	1123	0.037	ppbV #	82
43) bromodichloromethane	11.717		0	N.D.		
44) 1,4-dioxane	11.823		0	N.D.		
45) trichloroethene	11.783	130	889	0.024	ppbV	97

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755142_Ev2.D
Acq On : 28 Mar 2026 6:25 AM
Operator : AIRLAB17:SL
Sample : L2612589-08,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:06 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

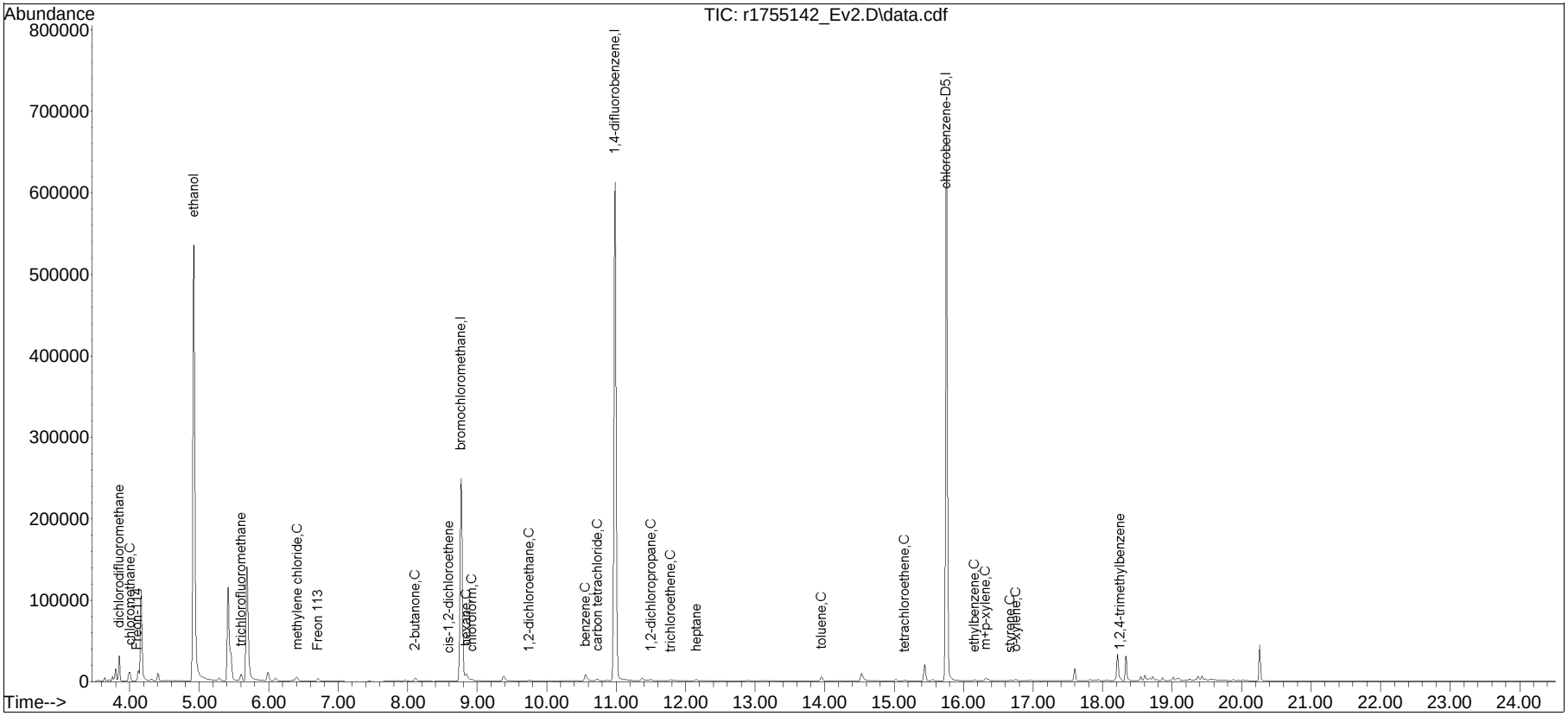
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.157	43	1200	0.031	ppbV #	89
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	13.483		0	N.D.		
51) 1,1,2-trichloroethane	13.467		0	N.D.		
53) toluene	13.958	91	6644	0.084	ppbV	95
56) dibromochloromethane	14.425		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.150	166	826	0.027	ppbV	96
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	1812	0.018	ppbV	92
62) m+p-xylene	16.317	91	4267	0.055	ppbV	91
63) bromoform	0.000		0	N.D.		
64) styrene	16.667	104	794	0.015	ppbV	93
65) 1,1,2,2-tetrachloroethane	16.783		0	N.D.		
66) o-xylene	16.750	91	1617	0.020	ppbV	91
72) 1,3,5-trimethylbenzene	17.908		0	N.D.		
74) 1,2,4-trimethylbenzene	18.250	105	1739	0.022	ppbV #	51
75) Benzyl Chloride	18.442		0	N.D.		
76) 1,3-dichlorobenzene	18.400		0	N.D.		
77) 1,4-dichlorobenzene	18.450		0	N.D.		
81) 1,2-dichlorobenzene	18.725		0	N.D.		
84) 1,2,4-trichlorobenzene	0.000		0	N.D.		
85) naphthalene	20.258		0	N.D.		
87) hexachlorobutadiene	20.633		0	N.D.		

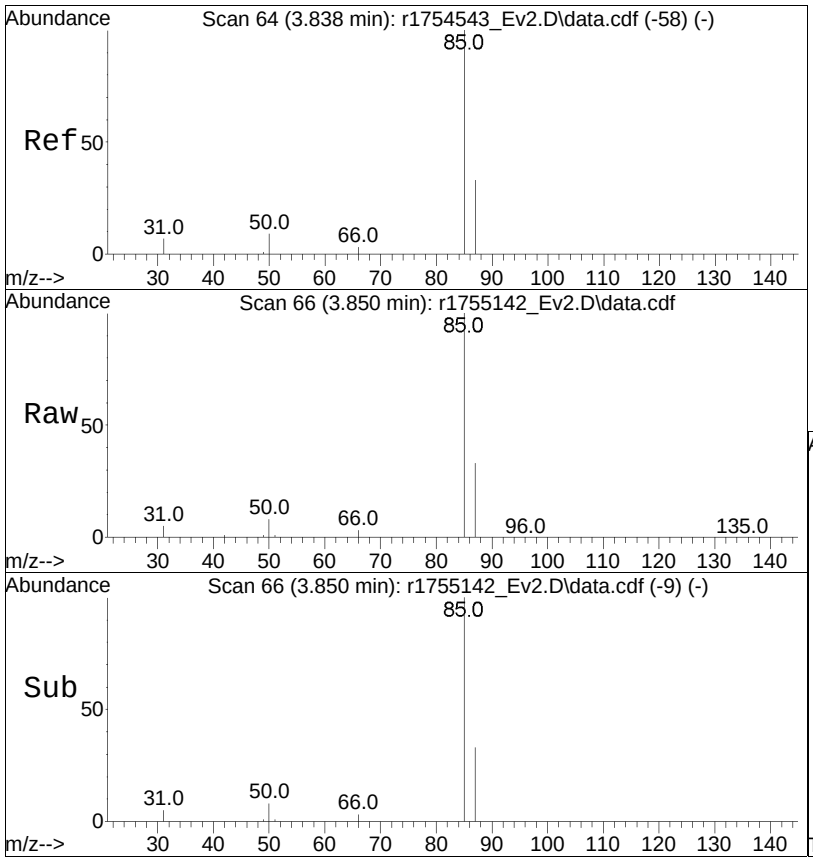
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755142_Ev2.D
Acq On : 28 Mar 2026 6:25 AM
Operator : AIRLAB17:SL
Sample : L2612589-08,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:06 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

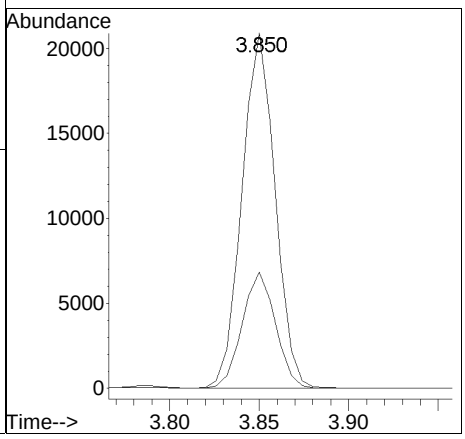


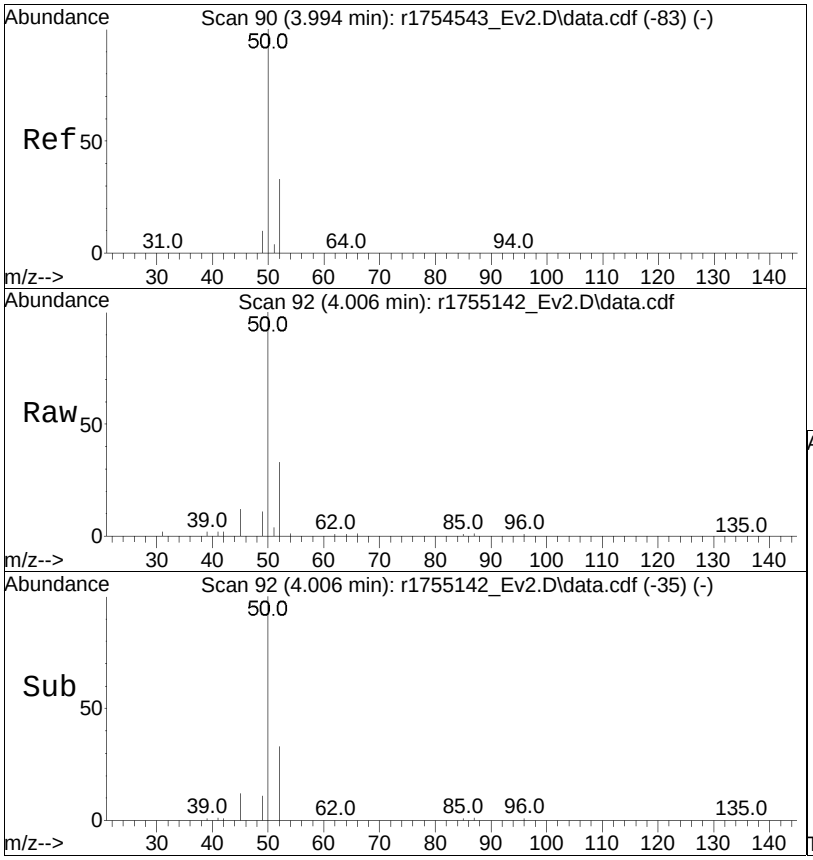


#4
dichlorodifluoromethane
Concen: 0.74 ppbV
RT: 3.850 min Scan# 66
Delta R.T. 0.012 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 85 Resp: 26850

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.4

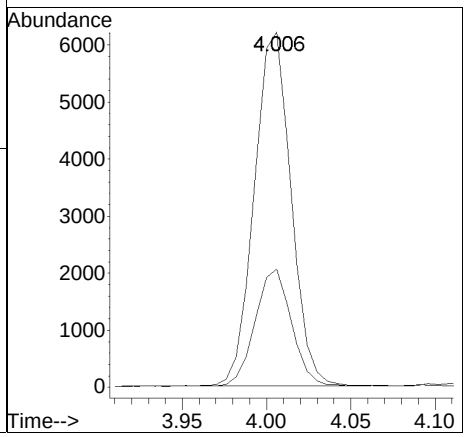


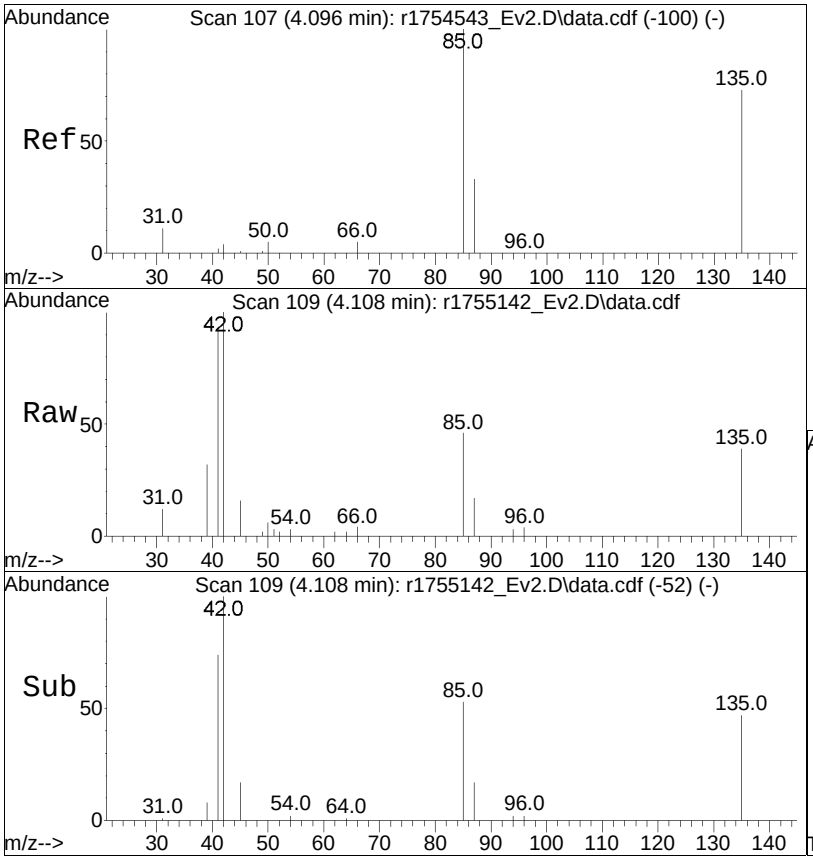


#5
chloromethane
Concen: 0.54 ppbV
RT: 4.006 min Scan# 92
Delta R.T. 0.012 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 50 Resp: 9383

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	39.8

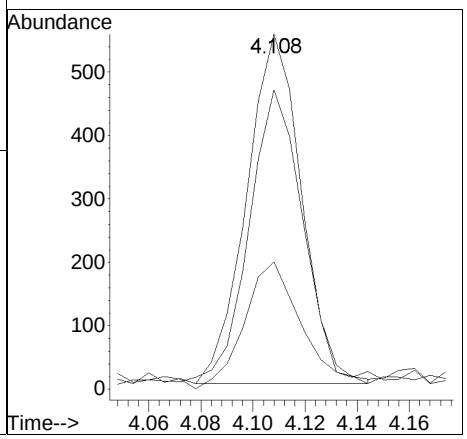


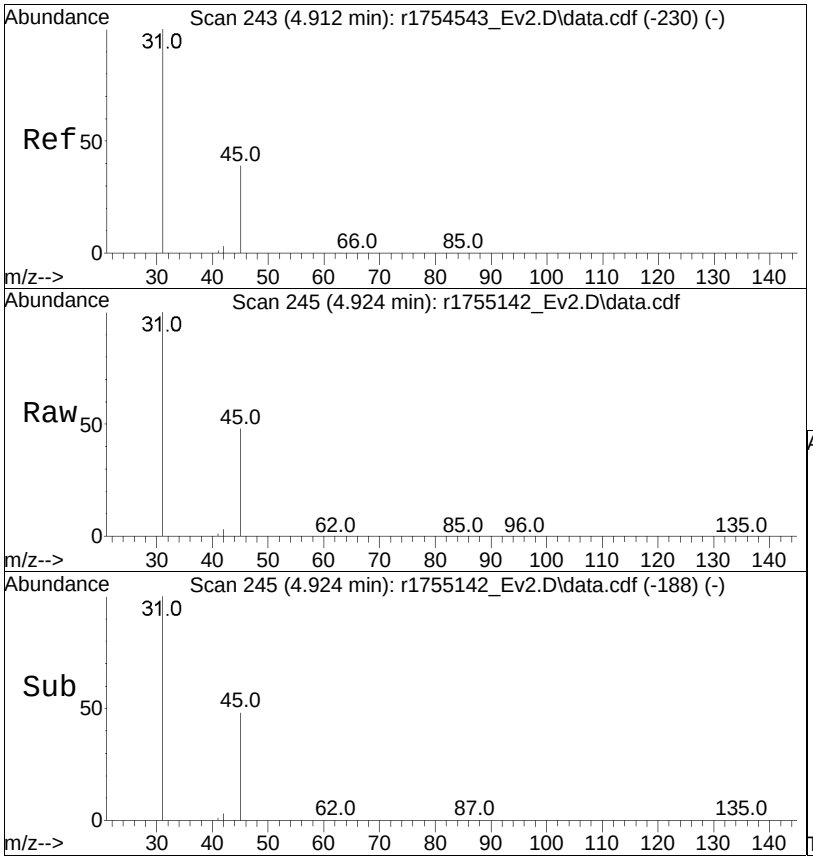


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.108 min Scan# 109
Delta R.T. 0.012 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 85 Resp: 810

Ion	Ratio	Lower	Upper
85	100		
87	35.9	26.2	39.4
135	84.3	58.1	87.1

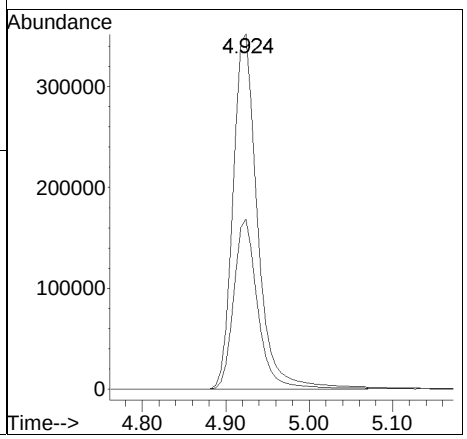


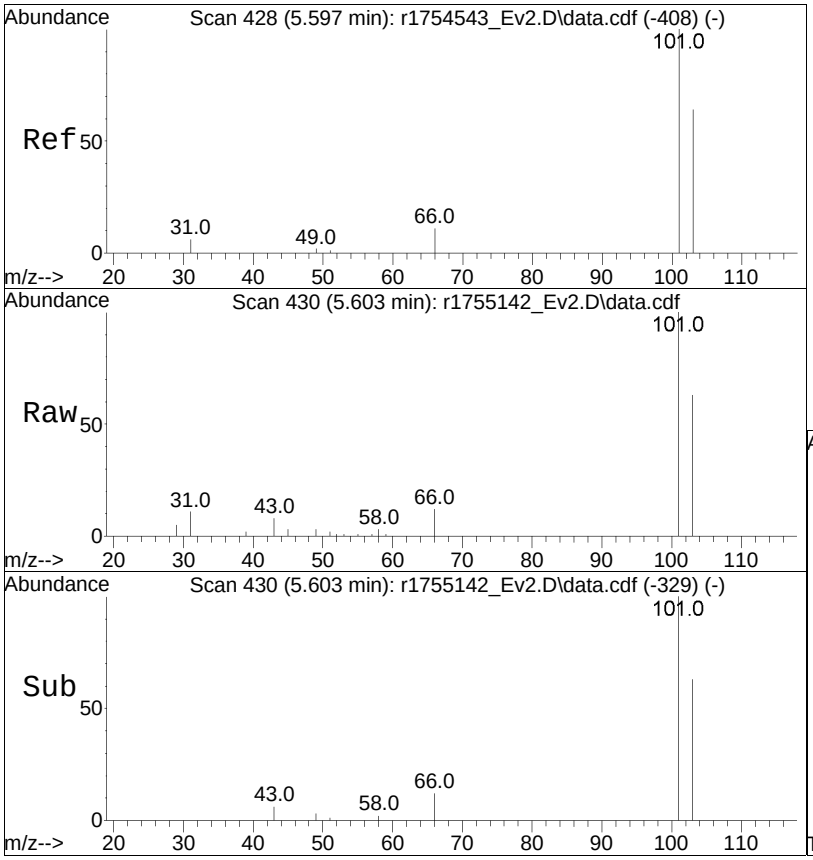


#11
ethanol
Concen: 41.07 ppbV
RT: 4.924 min Scan# 245
Delta R.T. 0.012 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 31 Resp: 708777

Ion	Ratio	Lower	Upper
31	100		
45	48.0	31.0	46.4#

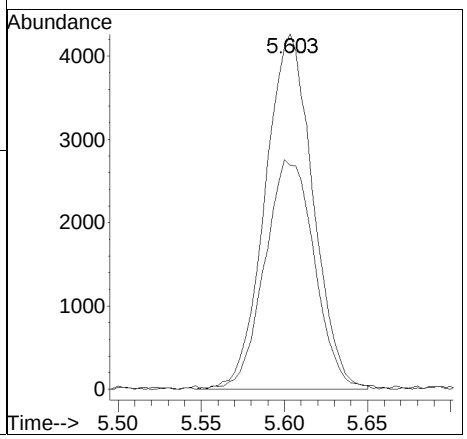


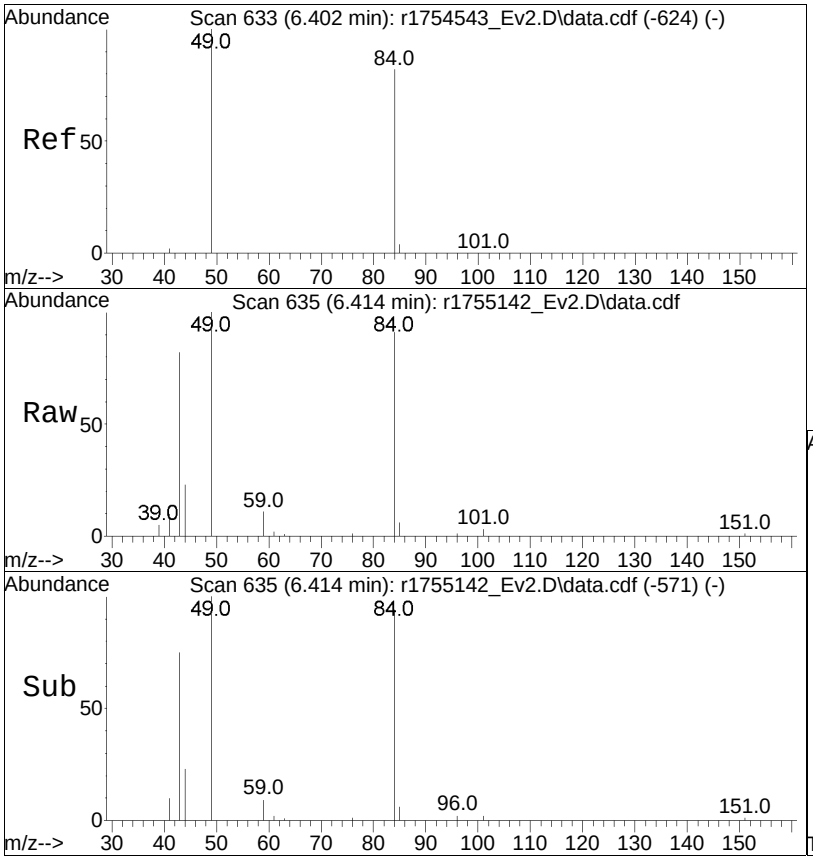


#15
trichlorofluoromethane
Concen: 0.23 ppbV
RT: 5.603 min Scan# 430
Delta R.T. 0.007 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:101 Resp: 8533

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.4	77.0

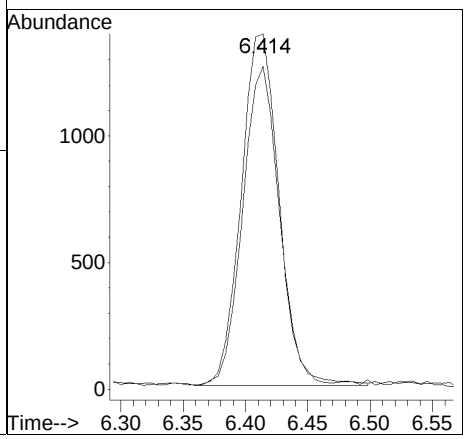


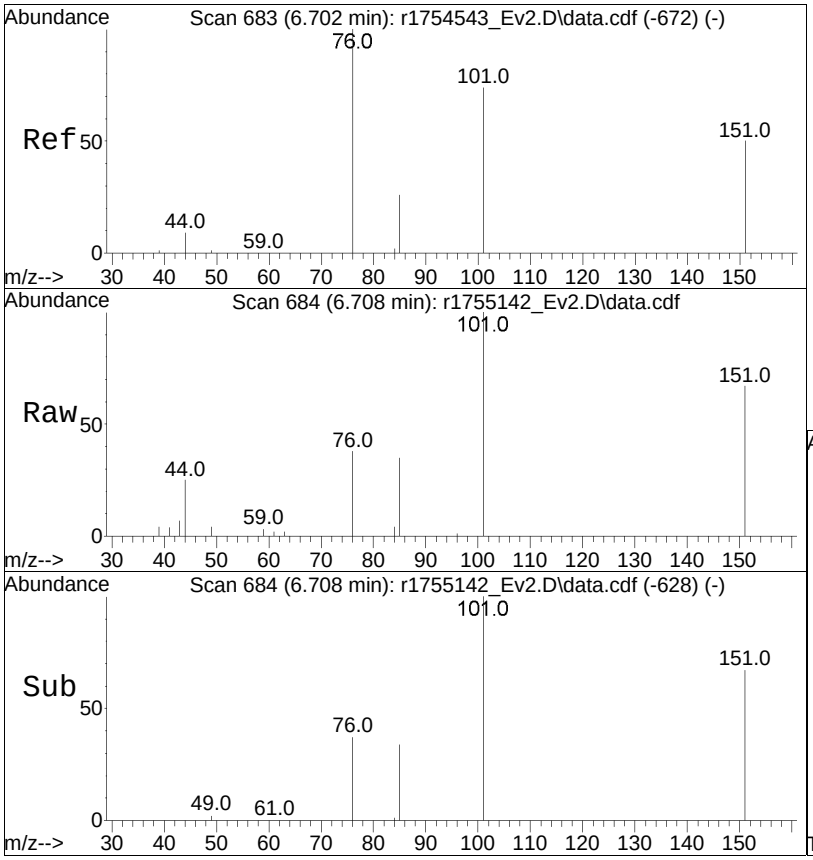


#20
methylene chloride
Concen: 0.15 ppbV
RT: 6.414 min Scan# 635
Delta R.T. 0.012 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 49 Resp: 2939

Ion	Ratio	Lower	Upper
49	100		
84	90.9	65.9	98.9

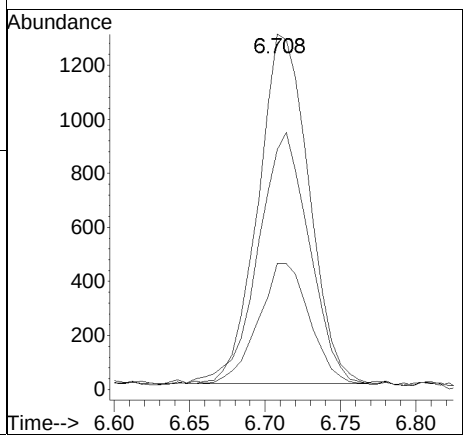


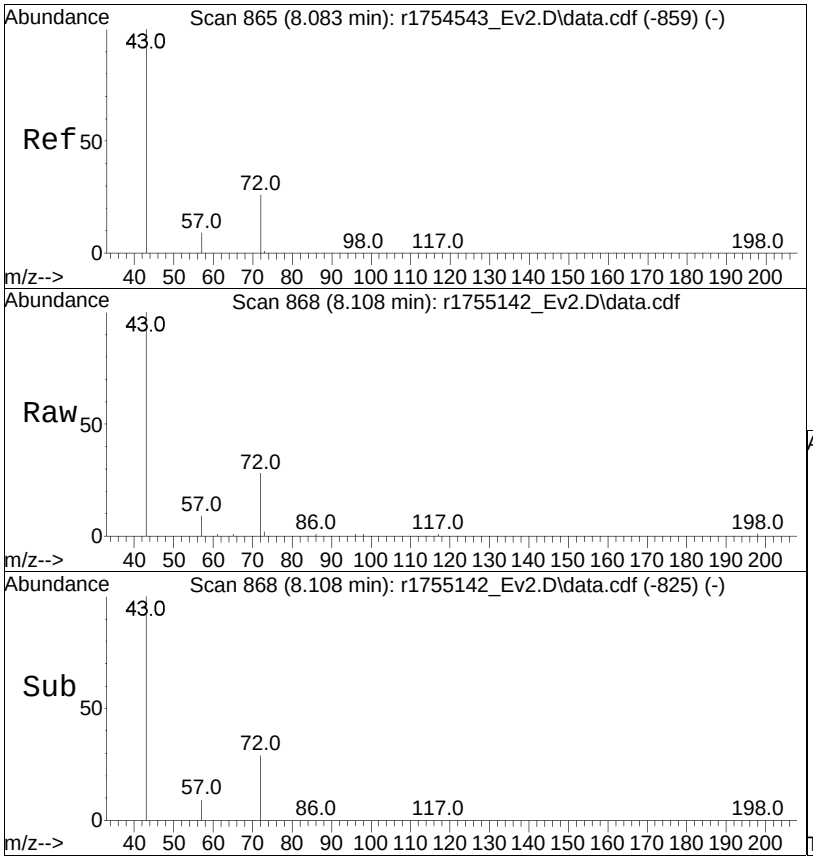


#23
Freon 113
Concen: 0.07 ppbV
RT: 6.708 min Scan# 684
Delta R.T. 0.006 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:101 Resp: 3025

Ion	Ratio	Lower	Upper
101	100		
85	35.4	27.5	41.3
151	67.5	53.4	80.0

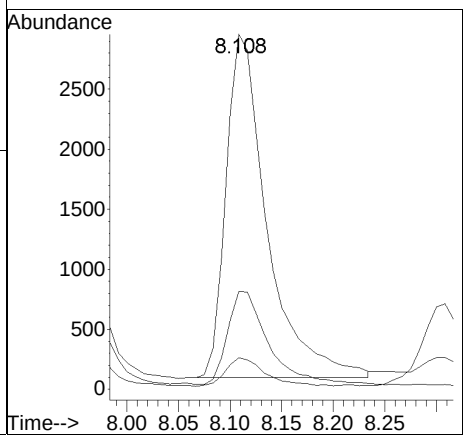


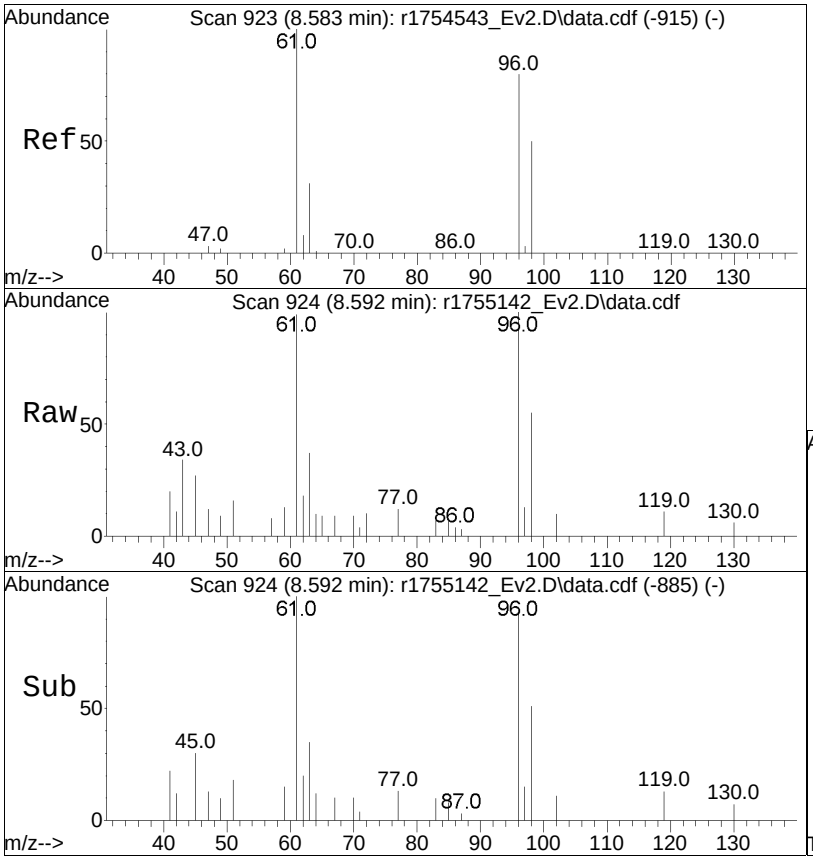


#28
2-butanone
Concen: 0.22 ppbV
RT: 8.108 min Scan# 868
Delta R.T. 0.025 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 43 Resp: 7917

Ion	Ratio	Lower	Upper
43	100		
72	27.5	20.7	31.1
57	8.9	6.9	10.3

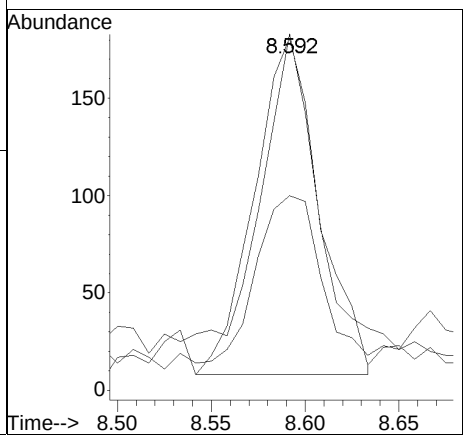


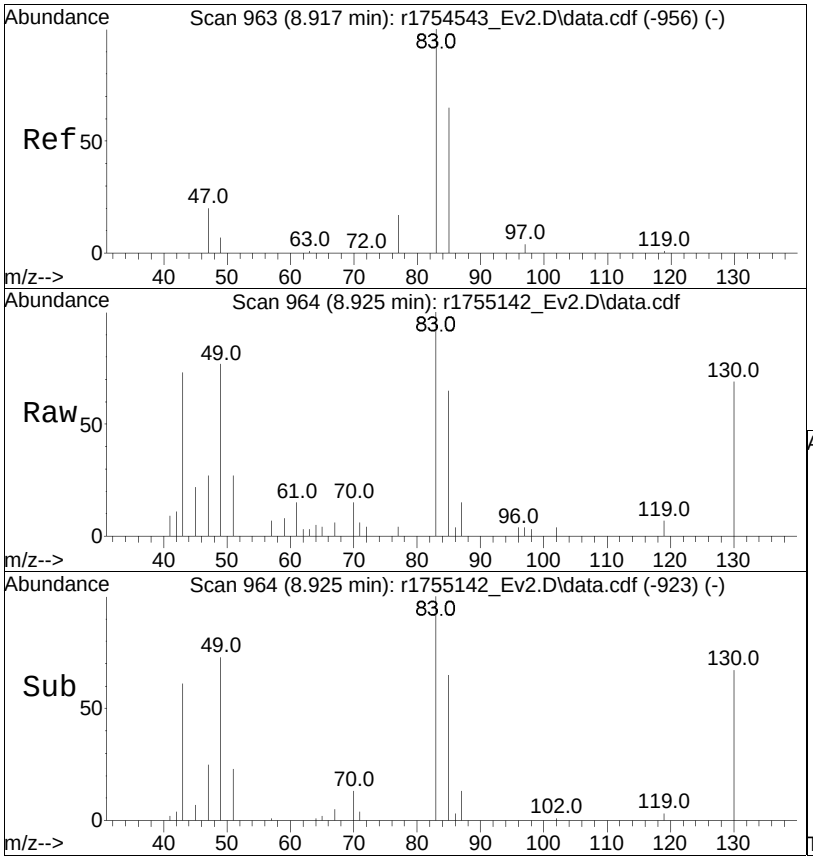


#29
cis-1,2-dichloroethene
Concen: 0.01 ppbV
RT: 8.592 min Scan# 924
Delta R.T. 0.008 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 61 Resp: 416

Ion	Ratio	Lower	Upper
61	100		
96	101.1	63.8	95.8#
98	55.2	39.7	59.5

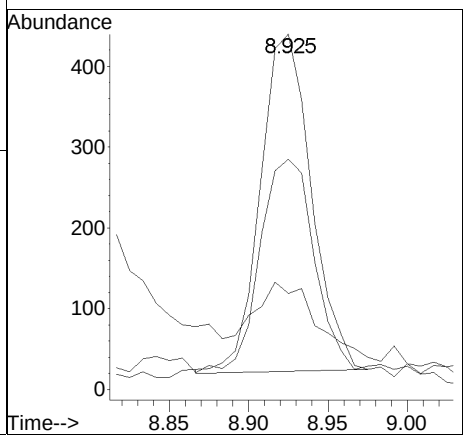


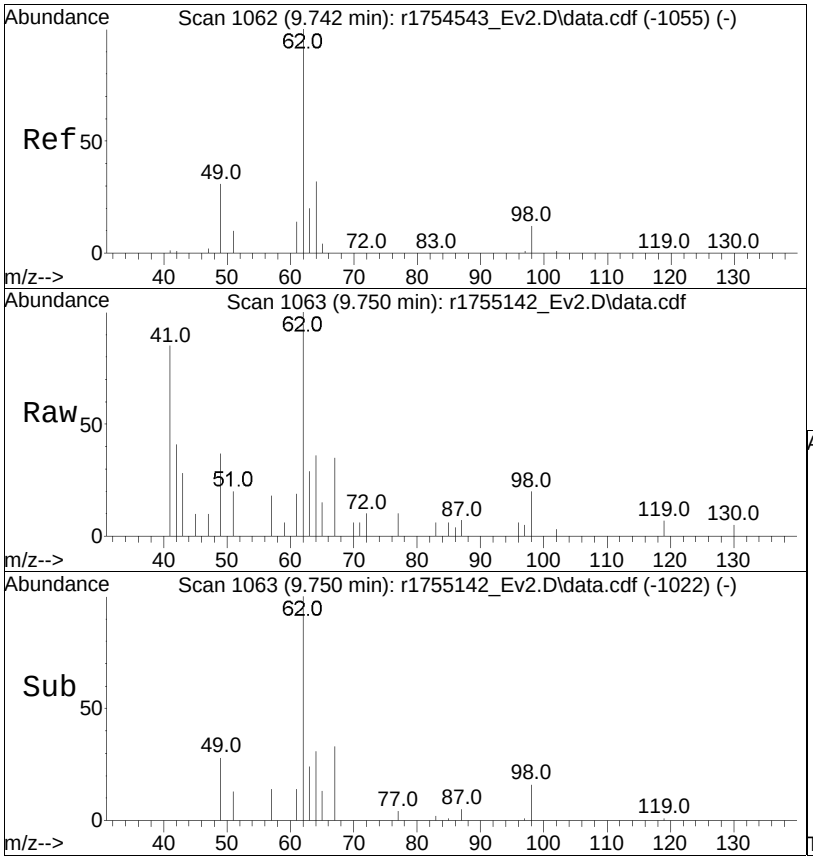


#31
chloroform
Concen: 0.03 ppbV
RT: 8.925 min Scan# 964
Delta R.T. 0.008 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 83 Resp: 933

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5
47	27.0	16.5	24.7#

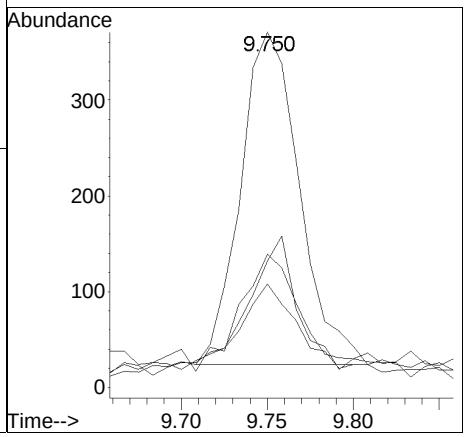


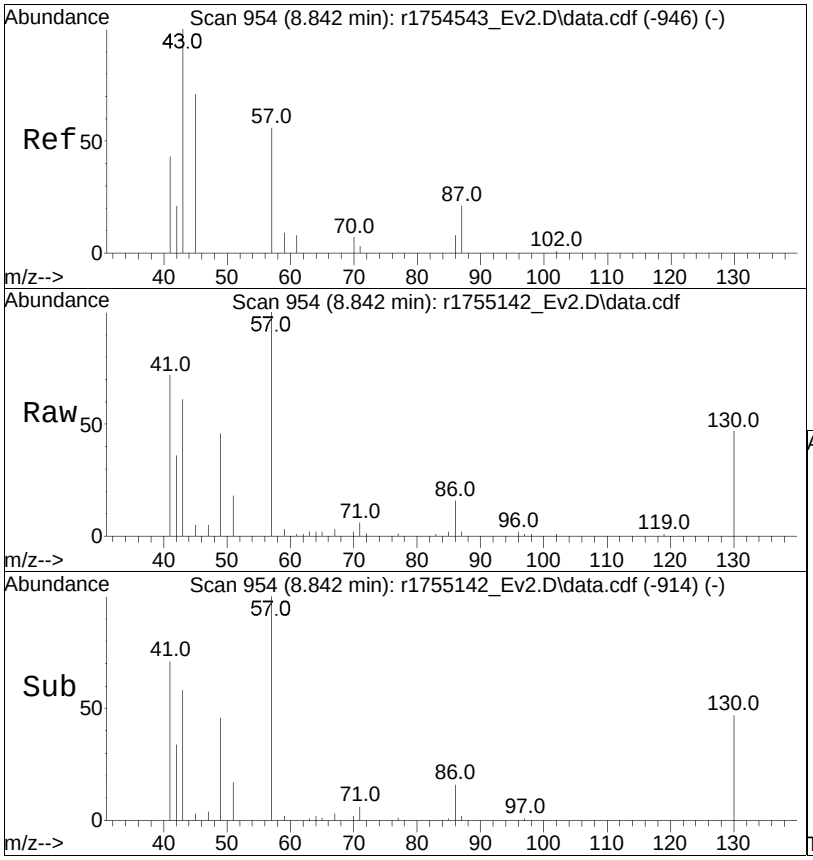


#33
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 9.750 min Scan# 1063
Delta R.T. 0.008 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 62 Resp: 826

Ion	Ratio	Lower	Upper
62	100		
64	35.6	25.4	38.2
49	37.5	24.6	37.0#
63	29.1	15.9	23.9#

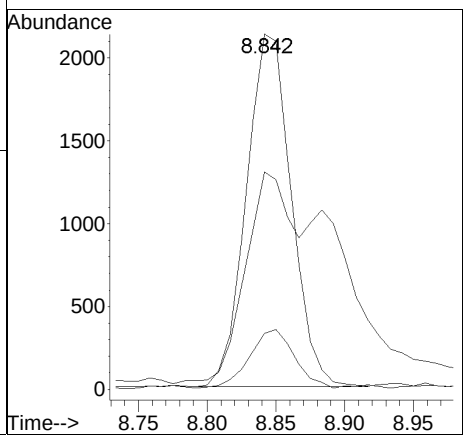


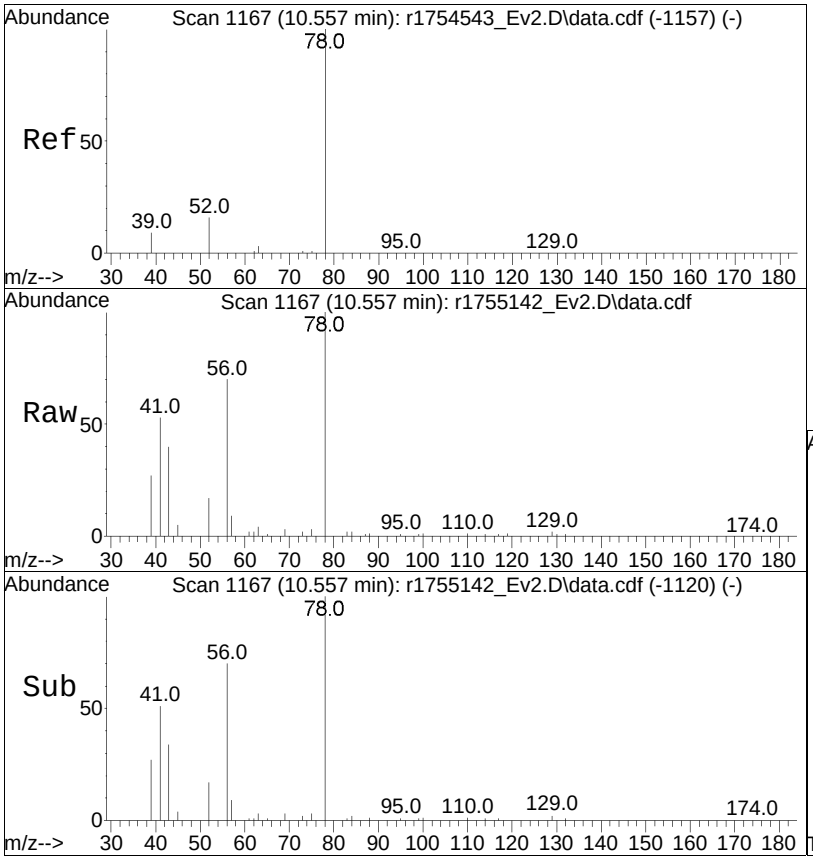


#35
hexane
Concen: 0.13 ppbV
RT: 8.842 min Scan# 954
Delta R.T. 0.000 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 57 Resp: 4846

Ion	Ratio	Lower	Upper
57	100		
43	61.2	143.4	215.2#
86	15.8	11.9	17.9

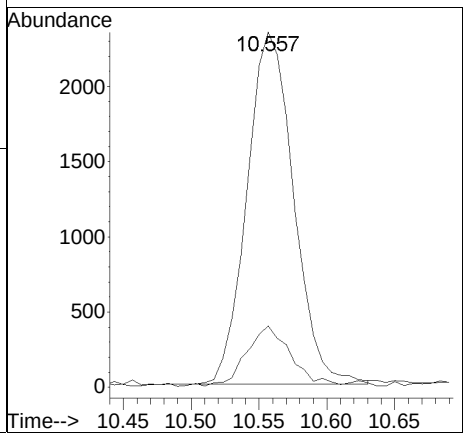


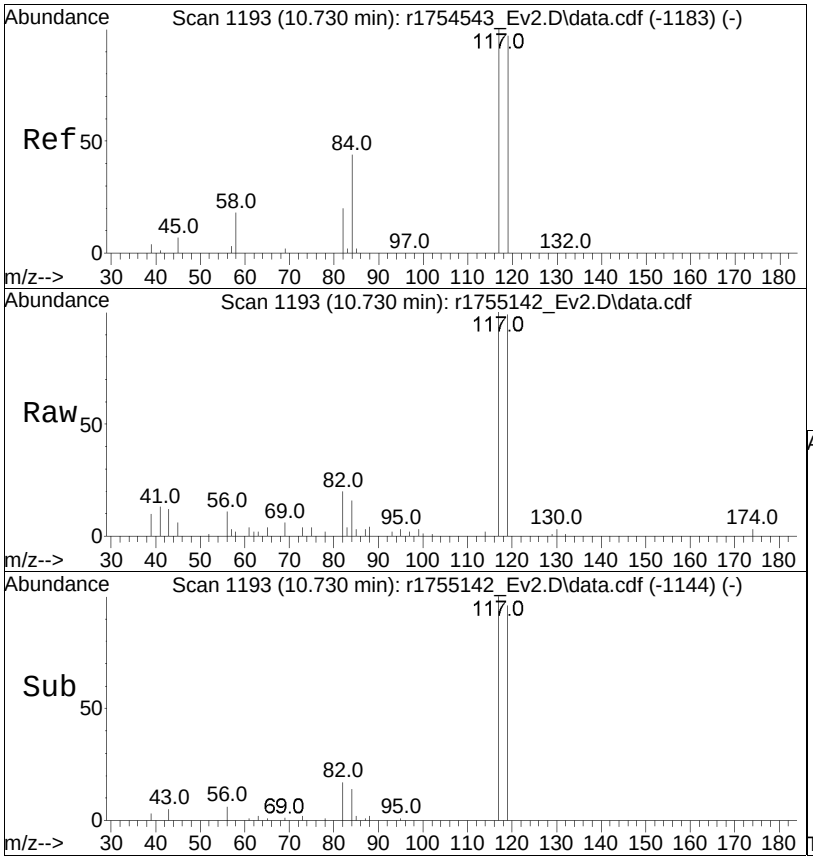


#38
benzene
Concen: 0.08 ppbV
RT: 10.557 min Scan# 1167
Delta R.T. 0.000 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 78 Resp: 5588

Ion	Ratio	Lower	Upper
78	100		
52	17.3	12.7	19.1

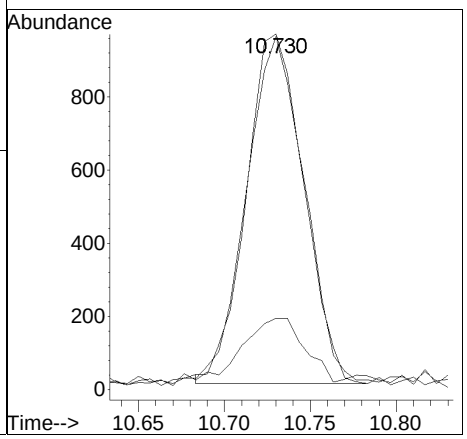


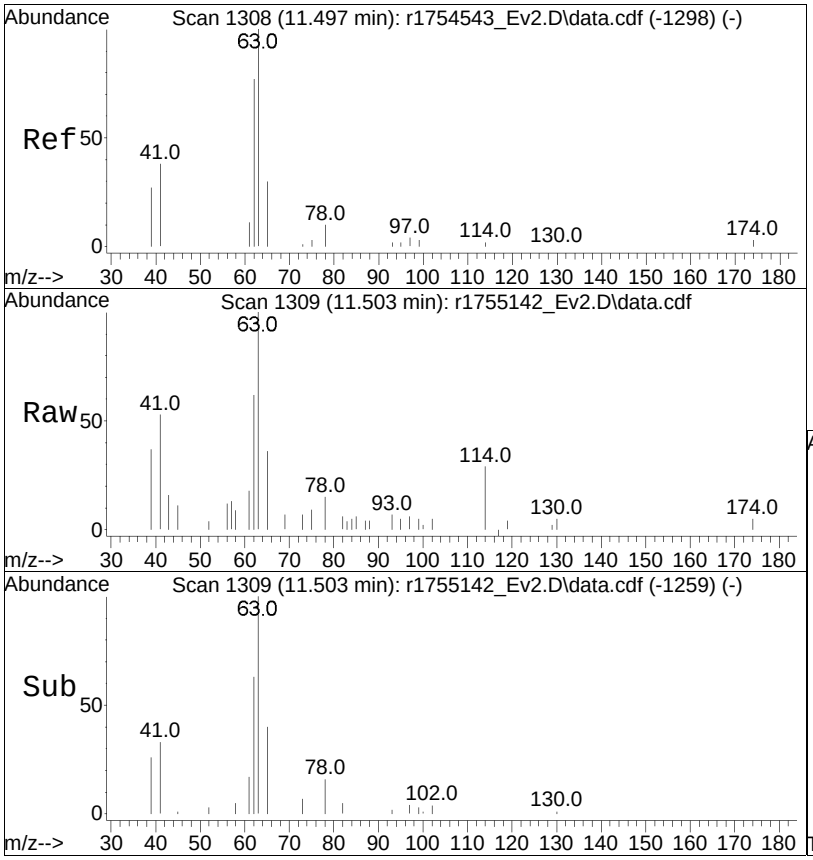


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.730 min Scan# 1193
Delta R.T. 0.000 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:117 Resp: 2226

Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.3	115.9
82	20.1	16.2	24.2

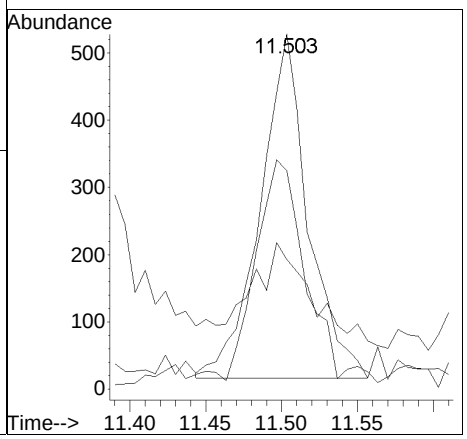


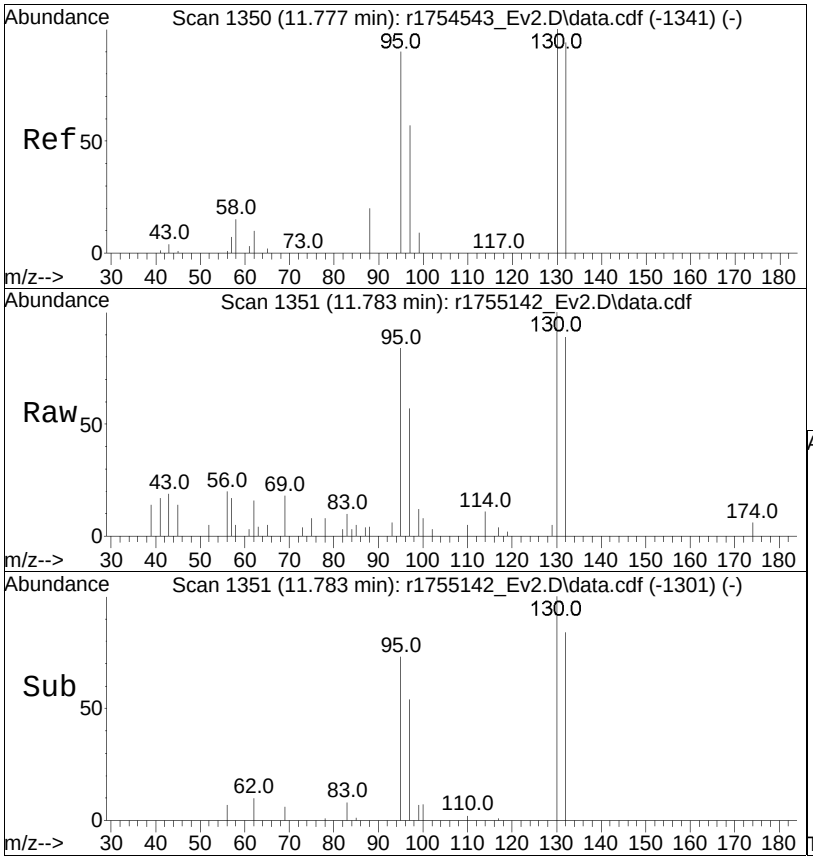


#42
1,2-dichloropropane
Concen: 0.04 ppbV
RT: 11.503 min Scan# 1309
Delta R.T. 0.007 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 63 Resp: 1123

Ion	Ratio	Lower	Upper
63	100		
62	61.6	61.5	92.3
39	36.6	22.2	33.2#

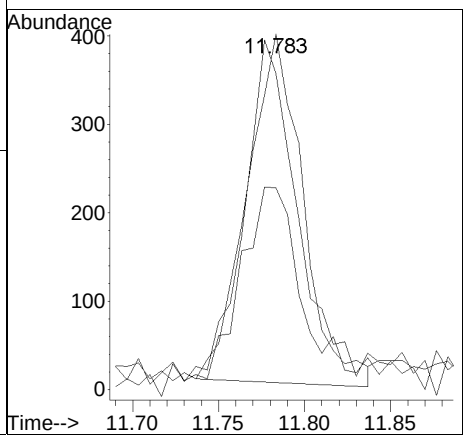


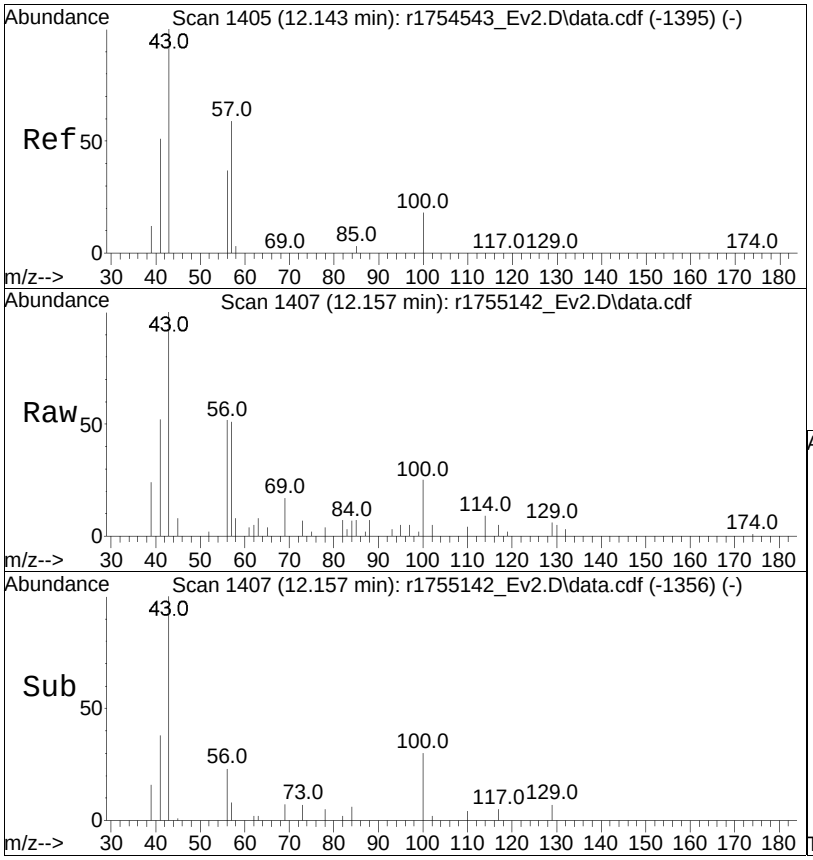


#45
trichloroethene
Concen: 0.02 ppbV
RT: 11.783 min Scan# 1351
Delta R.T. 0.007 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:130 Resp: 889

Ion	Ratio	Lower	Upper
130	100		
132	88.8	75.0	112.4
97	56.7	45.4	68.2

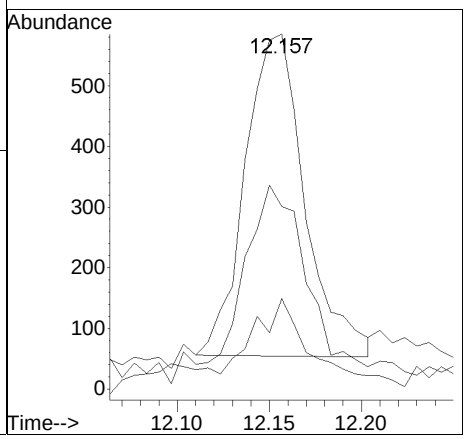


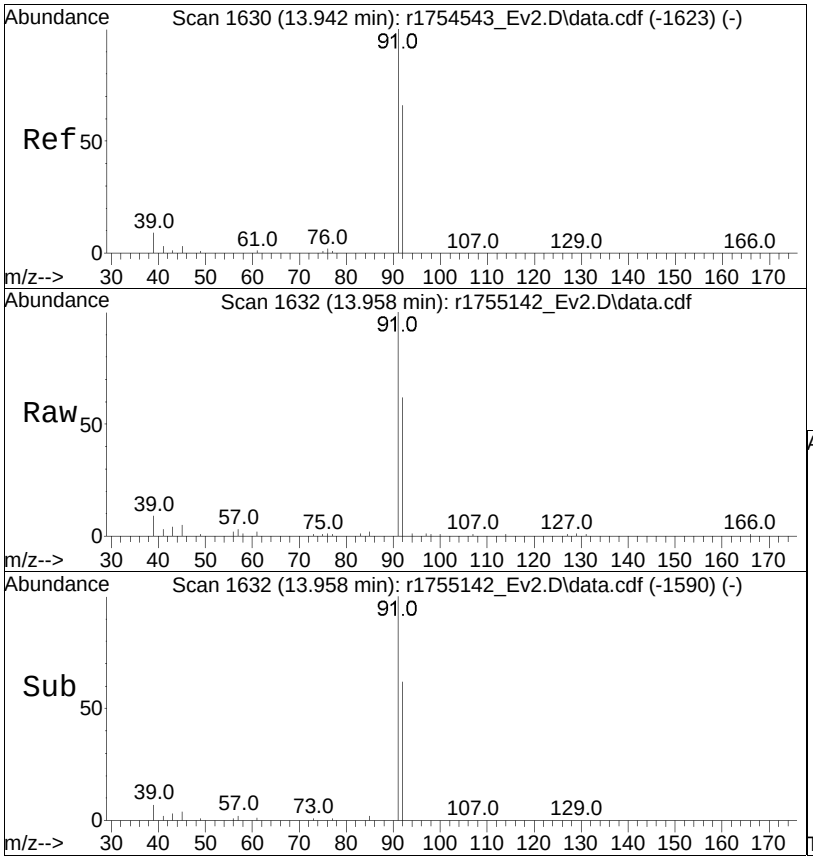


#47
heptane
Concen: 0.03 ppbV
RT: 12.157 min Scan# 1407
Delta R.T. 0.013 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 43 Resp: 1200

Ion	Ratio	Lower	Upper
43	100		
57	51.5	47.2	70.8
100	25.5	14.9	22.3#

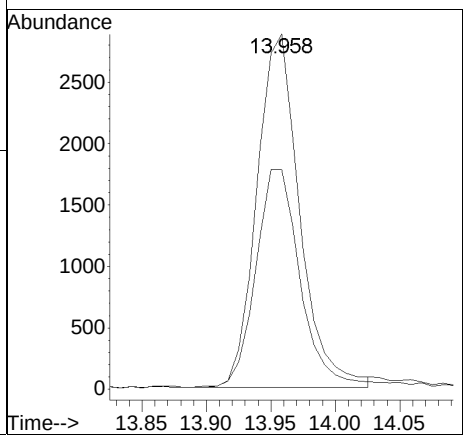


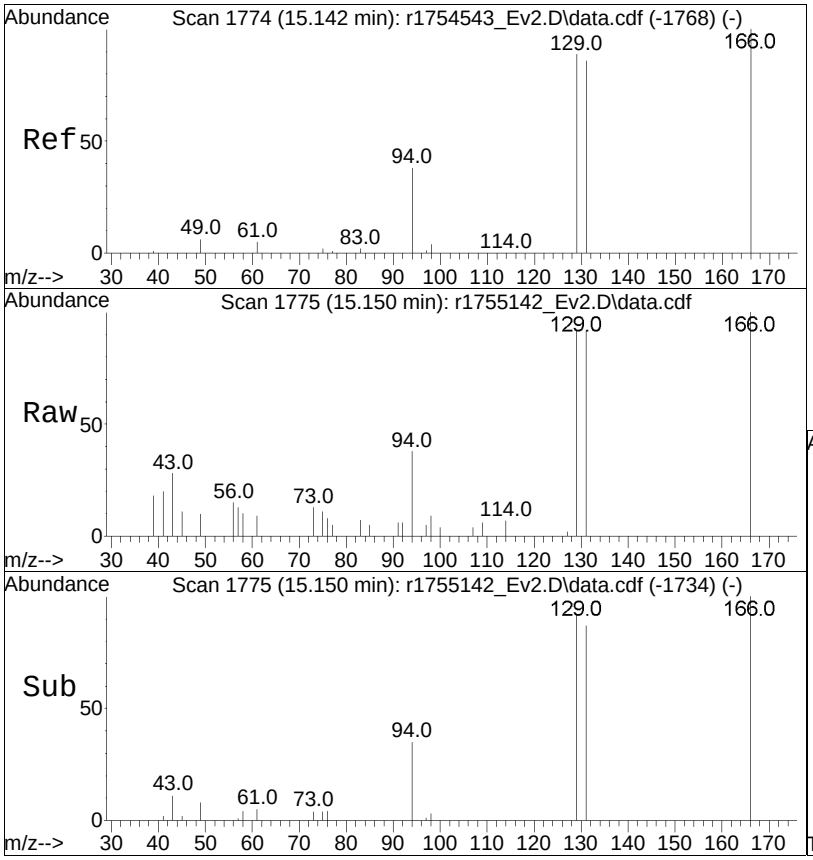


#53
toluene
Concen: 0.08 ppbV
RT: 13.958 min Scan# 1632
Delta R.T. 0.017 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 91 Resp: 6644

Ion	Ratio	Lower	Upper
91	100		
92	61.8	52.6	78.8

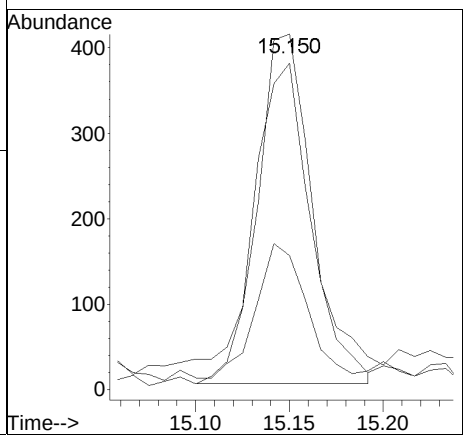


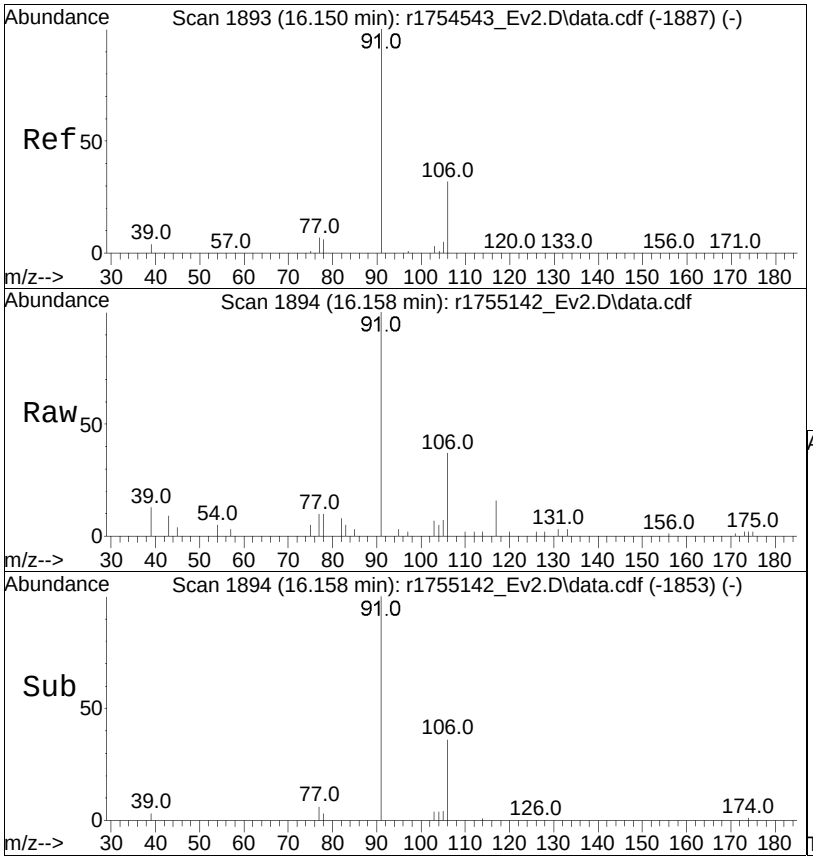


#58
tetrachloroethene
Concen: 0.03 ppbV
RT: 15.150 min Scan# 1775
Delta R.T. 0.008 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:166 Resp: 826

Ion	Ratio	Lower	Upper
166	100		
131	91.8	69.1	103.7
94	37.7	30.7	46.1

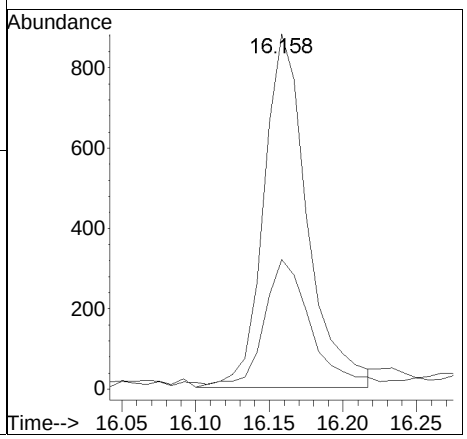


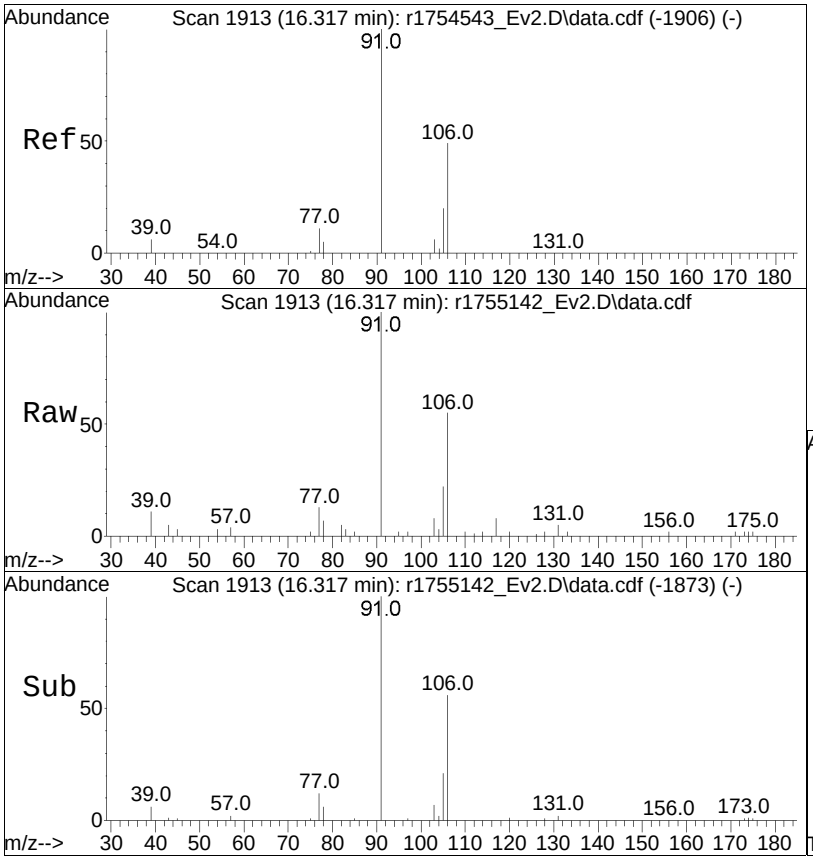


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 91 Resp: 1812

Ion	Ratio	Lower	Upper
91	100		
106	36.5	25.8	38.6

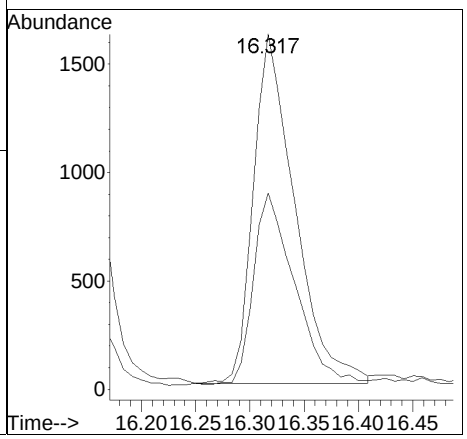


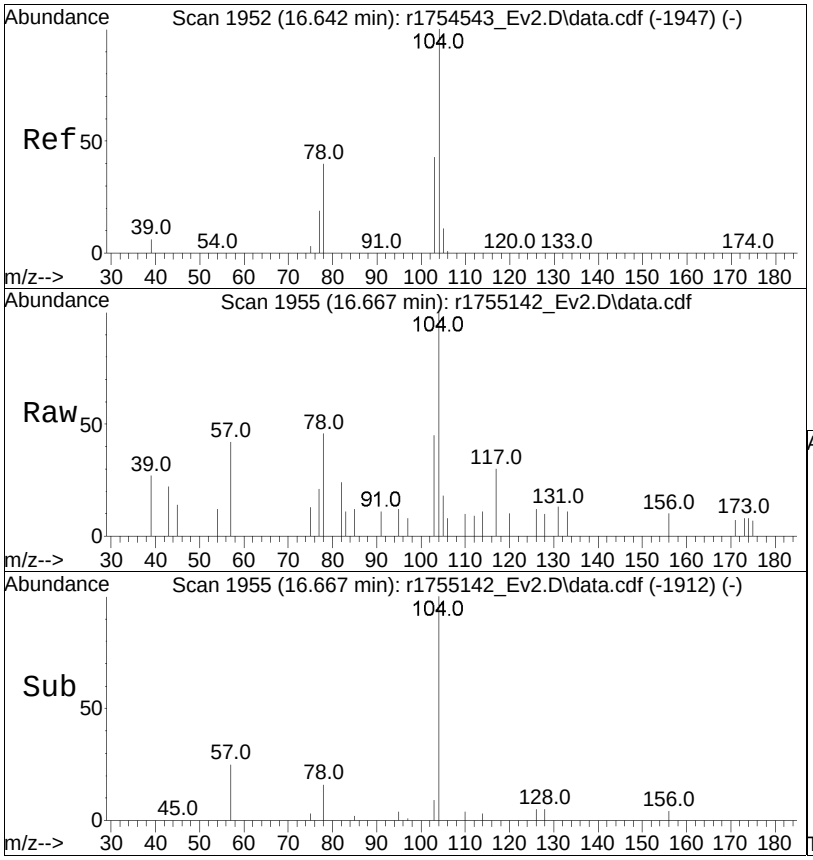


#62
m+p-xylene
Concen: 0.05 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. 0.000 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 91 Resp: 4267

Ion	Ratio	Lower	Upper
91	100		
106	55.3	39.4	59.0

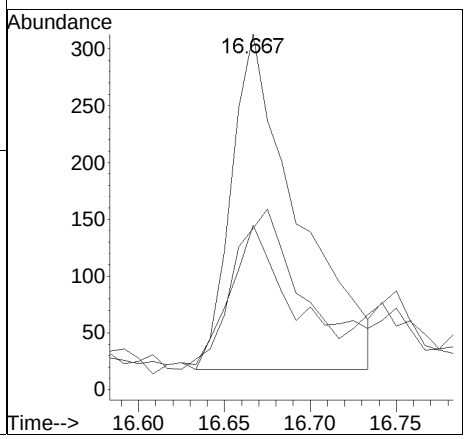


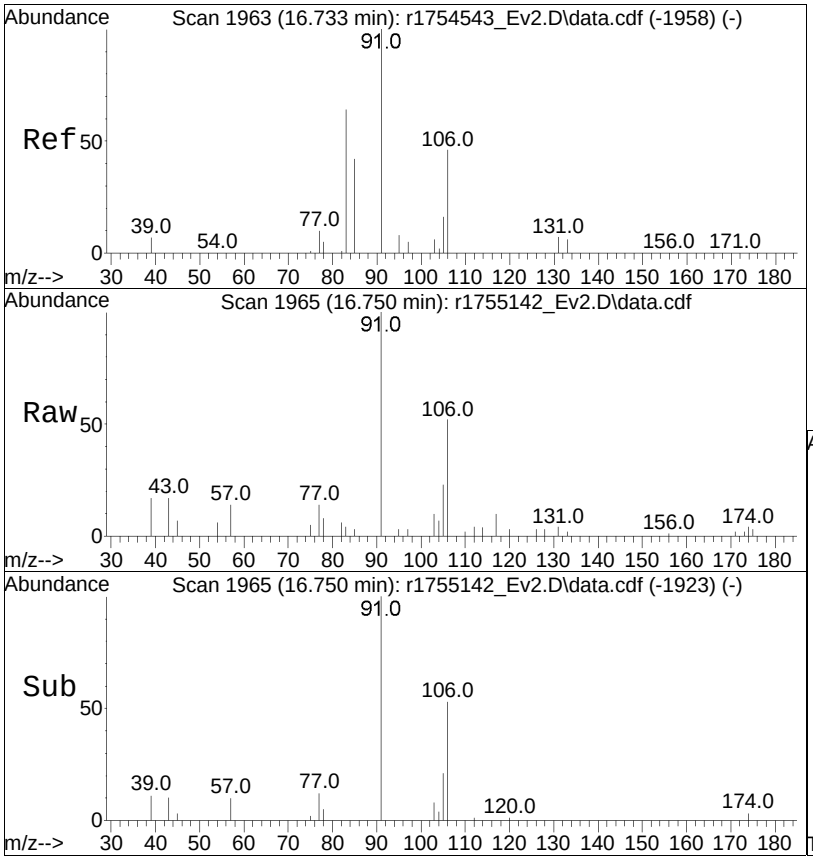


#64
styrene
Concen: 0.01 ppbV
RT: 16.667 min Scan# 1955
Delta R.T. 0.025 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:104 Resp: 794

Ion	Ratio	Lower	Upper
104	100		
103	45.4	34.8	52.2
78	46.3	31.8	47.8

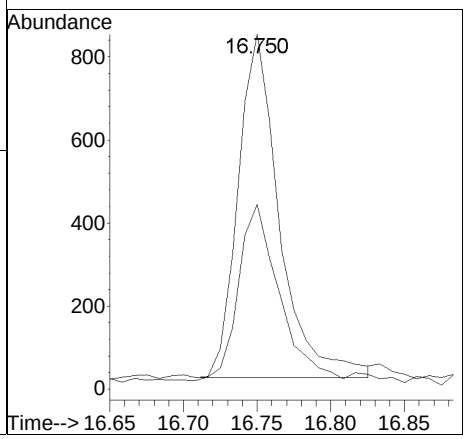


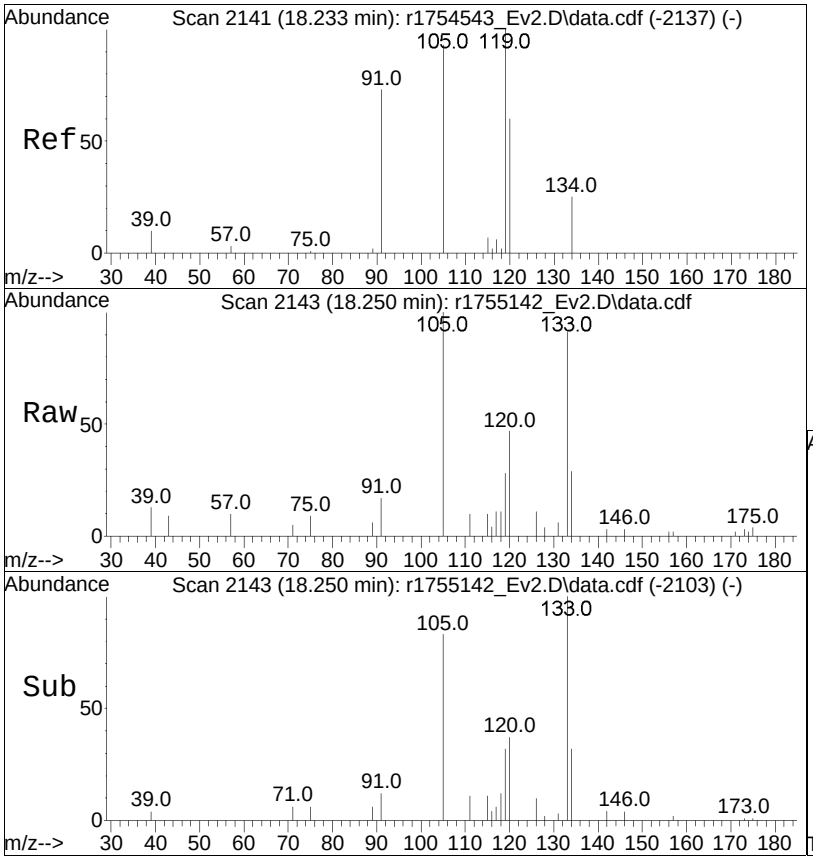


#66
o-xylene
Concen: 0.02 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion: 91 Resp: 1617

Ion	Ratio	Lower	Upper
91	100		
106	52.0	37.0	55.4

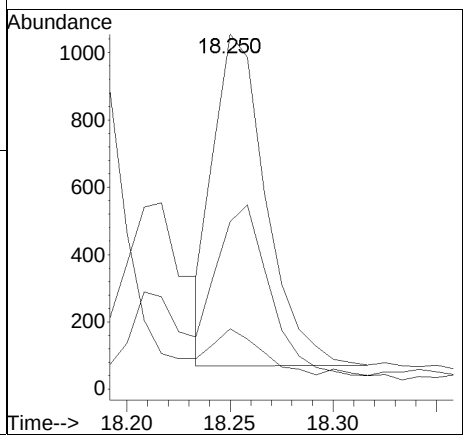




#74
1,2,4-trimethylbenzene
Concen: 0.02 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755142_Ev2.D
Acq: 28 Mar 2026 6:25 AM

Tgt Ion:105 Resp: 1739

Ion	Ratio	Lower	Upper
105	100		
120	47.2	51.8	77.8#
91	17.1	63.4	95.2#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TSIM17_260305.M
Data File	: r1755142_Ev2.D	Operator	: AIRLAB17:SL
Date Inj'd	: 3/28/2026 6:25 AM	Instrument	:
Sample	: L2612589-08,3,250,250	Quant Date	: 3/28/2026 12:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755144_Ev2.D
Acq On : 28 Mar 2026 7:41 AM
Operator : AIRLAB17:SL
Sample : L2612589-10,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:22 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.758	49	234886	10.000	ppbV		0.00
Standard Area = 255556			Recovery =		91.91%		
34) 1,4-difluorobenzene	10.977	114	815837	10.000	ppbV		0.00
Standard Area = 912824			Recovery =		89.38%		
52) chlorobenzene-D5	15.750	54	105269	10.000	ppbV	#	0.00
Standard Area = 110427			Recovery =		95.33%		
System Monitoring Compounds							
Target Compounds							Qvalue
4) dichlorodifluoromethane	3.838	85	46141	1.291	ppbV		100
5) chloromethane	3.988	50	10821	0.641	ppbV		100
6) Freon-114	4.090	85	790	0.018	ppbV		98
7) vinyl chloride	0.000		0	N.D.			
9) bromomethane	4.600		0	N.D.			
10) chloroethane	0.000		0	N.D.	d		
11) ethanol	4.906	31	531184	31.418	ppbV	#	85
15) trichlorofluoromethane	5.590	101	8647	0.236	ppbV		98
18) 1,1-dichloroethene	0.000		0	N.D.			
19) tertiary butyl alcohol	0.000		0	N.D.	d		
20) methylene chloride	6.396	49	3027	0.153	ppbV		94
23) Freon 113	6.702	101	3243	0.081	ppbV		97
24) trans-1,2-dichloroethene	7.433		0	N.D.			
25) 1,1-dichloroethane	0.000		0	N.D.			
26) MTBE	7.733		0	N.D.			
28) 2-butanone	8.100	43	8539	0.246	ppbV		97
29) cis-1,2-dichloroethene	8.583		0	N.D.			
31) chloroform	8.917	83	2175	0.062	ppbV		98
33) 1,2-dichloroethane	9.742	62	954	0.041	ppbV	#	91
35) hexane	8.833	57	6901	0.185	ppbV	#	23
37) 1,1,1-trichloroethane	10.042		0	N.D.			
38) benzene	10.550	78	6197	0.087	ppbV		100
39) carbon tetrachloride	10.723	117	2332	0.074	ppbV		88
40) cyclohexane	0.000		0	N.D.	d		
42) 1,2-dichloropropane	11.497	63	936	0.031	ppbV	#	86
43) bromodichloromethane	11.717		0	N.D.			
44) 1,4-dioxane	11.803		0	N.D.			
45) trichloroethene	11.770	130	590	0.016	ppbV		90

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755144_Ev2.D
Acq On : 28 Mar 2026 7:41 AM
Operator : AIRLAB17:SL
Sample : L2612589-10,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:22 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

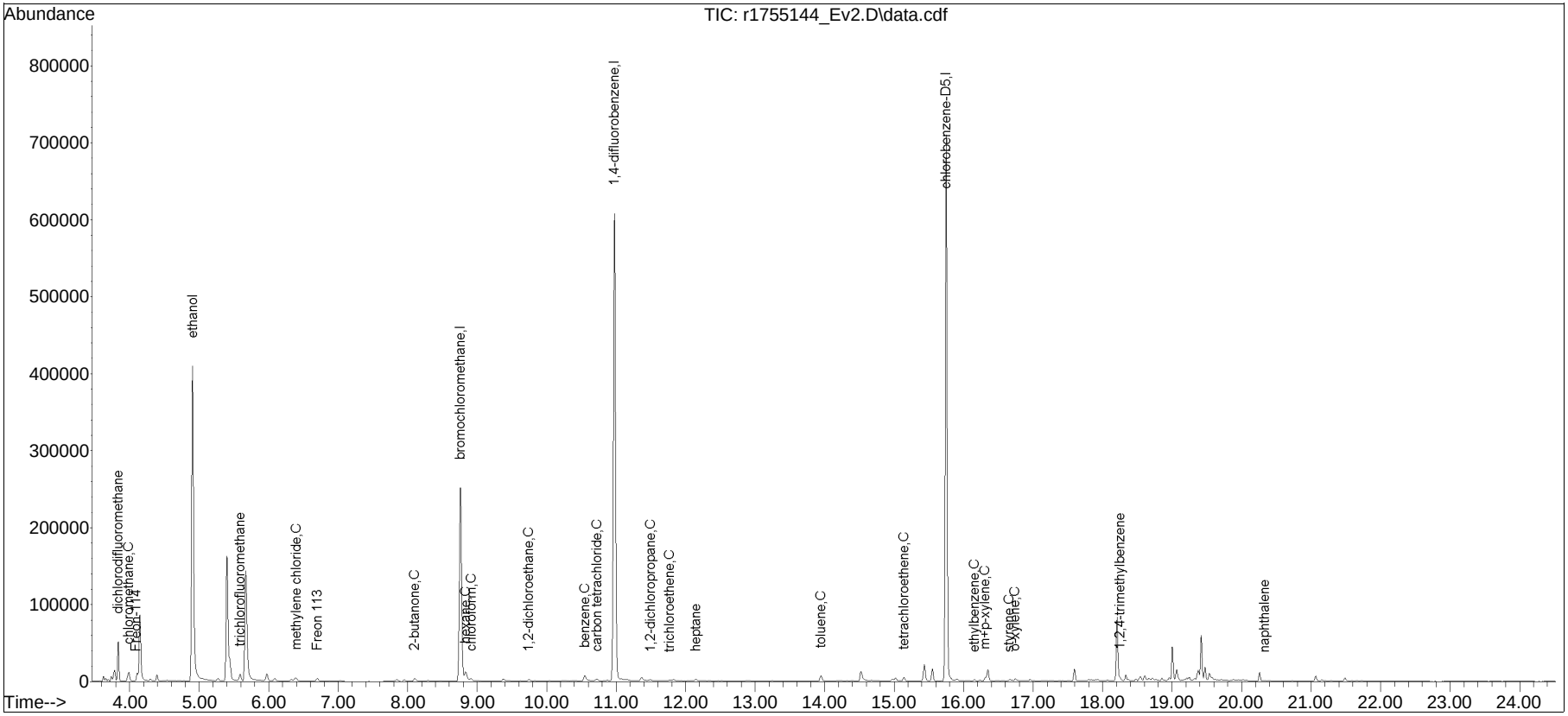
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.150	43	1863	0.048	ppbV #	85
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.950	91	8363	0.102	ppbV	100
56) dibromochloromethane	14.408		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.142	166	2687	0.084	ppbV	98
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	2127	0.020	ppbV	93
62) m+p-xylene	16.308	91	5833	0.072	ppbV	92
63) bromoform	16.375		0	N.D.		
64) styrene	16.658	104	878	0.016	ppbV #	88
65) 1,1,2,2-tetrachloroethane	16.775		0	N.D.		
66) o-xylene	16.742	91	2300	0.028	ppbV	94
72) 1,3,5-trimethylbenzene	17.900		0	N.D.		
74) 1,2,4-trimethylbenzene	18.250	105	2827	0.034	ppbV #	51
75) Benzyl Chloride	18.242		0	N.D.		
76) 1,3-dichlorobenzene	18.392		0	N.D.		
77) 1,4-dichlorobenzene	18.450		0	N.D.		
81) 1,2-dichlorobenzene	18.725		0	N.D.		
84) 1,2,4-trichlorobenzene	20.100		0	N.D.		
85) naphthalene	20.333	128	1009	0.011	ppbV #	71
87) hexachlorobutadiene	0.000		0	N.D.		

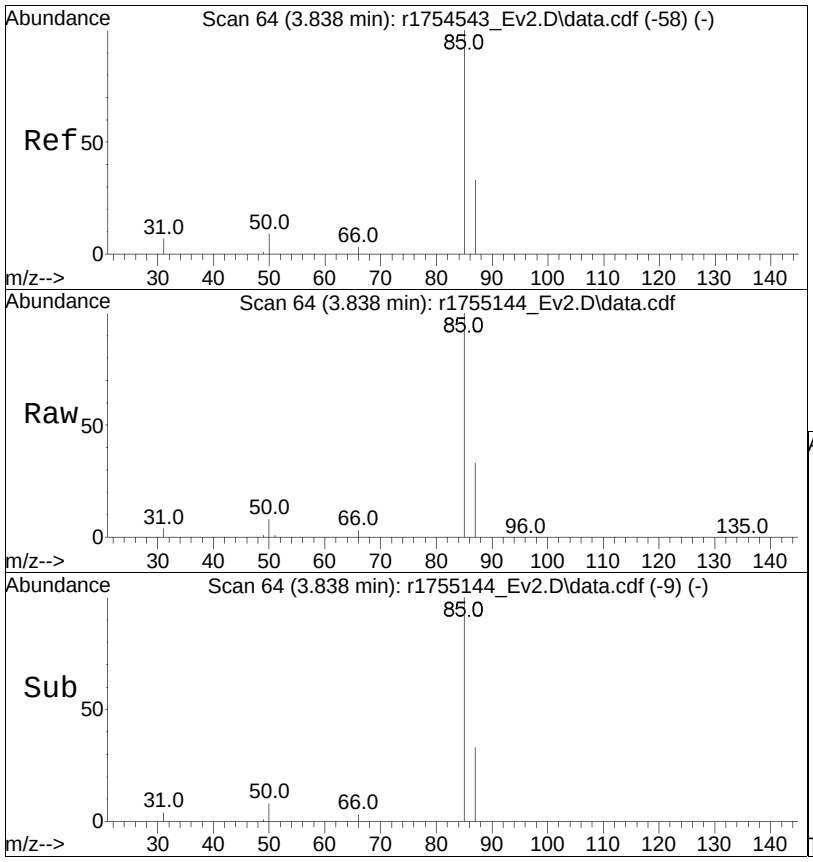
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755144_Ev2.D
Acq On : 28 Mar 2026 7:41 AM
Operator : AIRLAB17:SL
Sample : L2612589-10,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:22 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

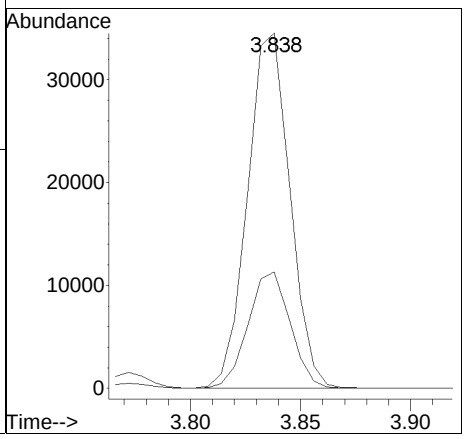


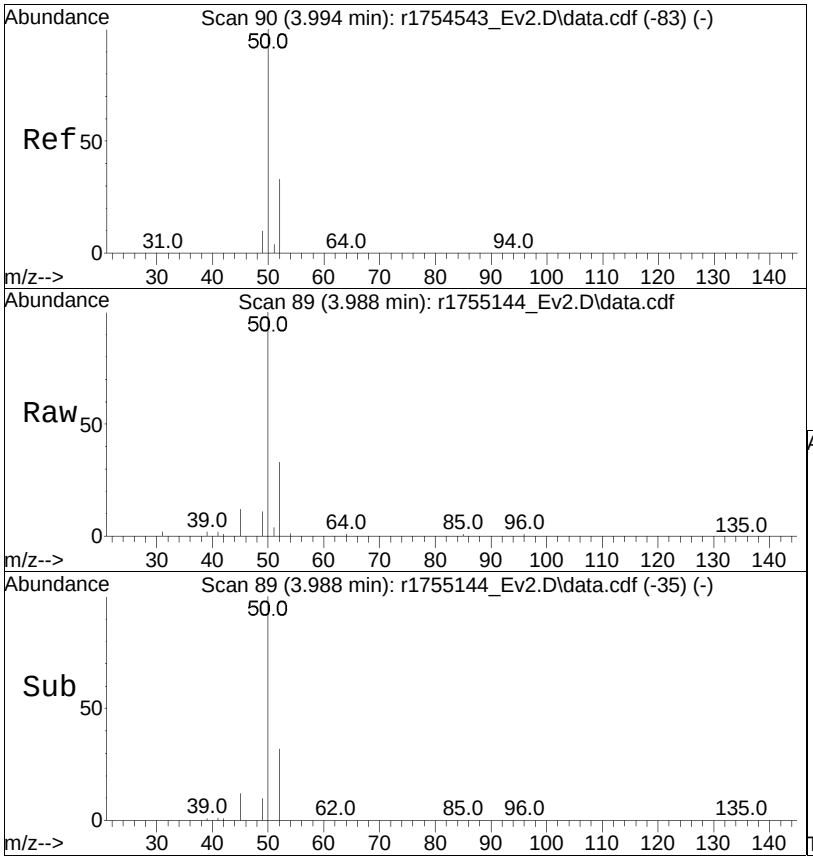


#4
dichlorodifluoromethane
Concen: 1.29 ppbV
RT: 3.838 min Scan# 64
Delta R.T. 0.000 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 85 Resp: 46141

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.4

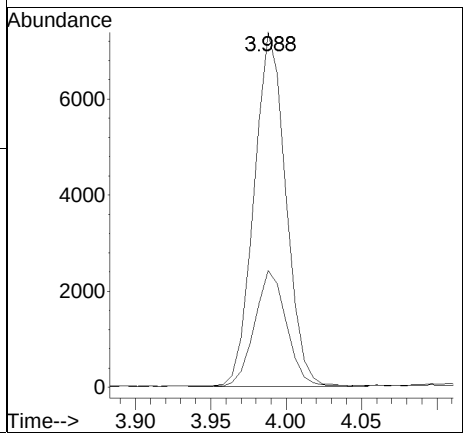


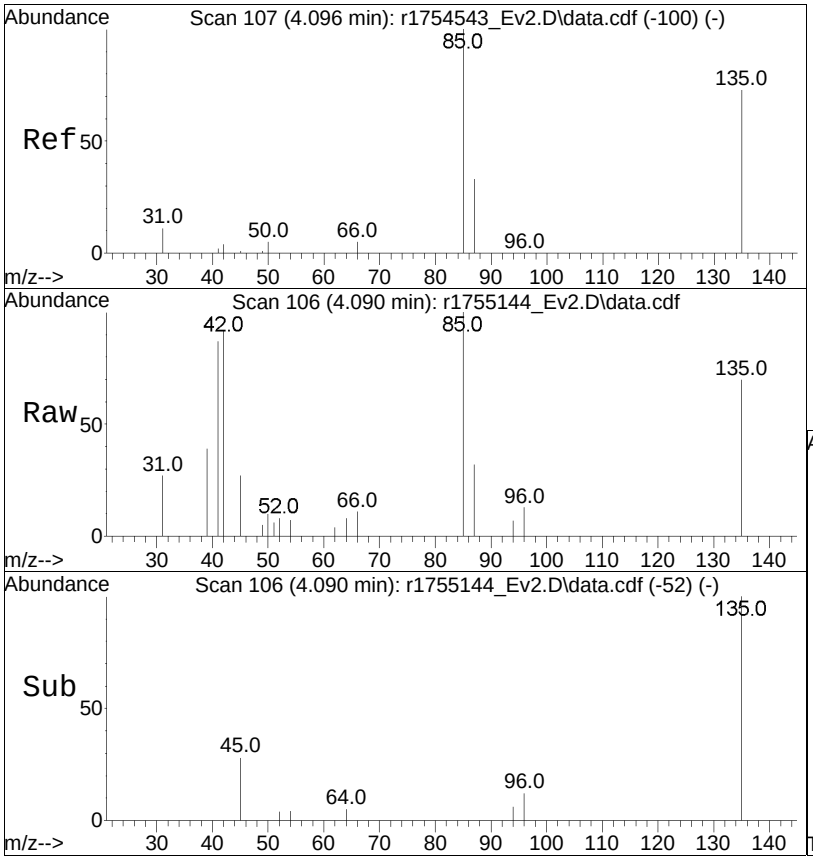


#5
chloromethane
Concen: 0.64 ppbV
RT: 3.988 min Scan# 89
Delta R.T. -0.006 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 50 Resp: 10821

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.6	39.8

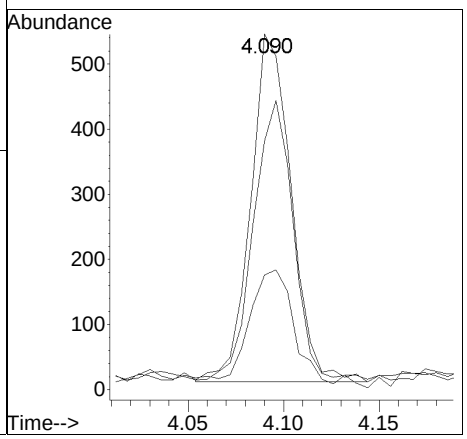


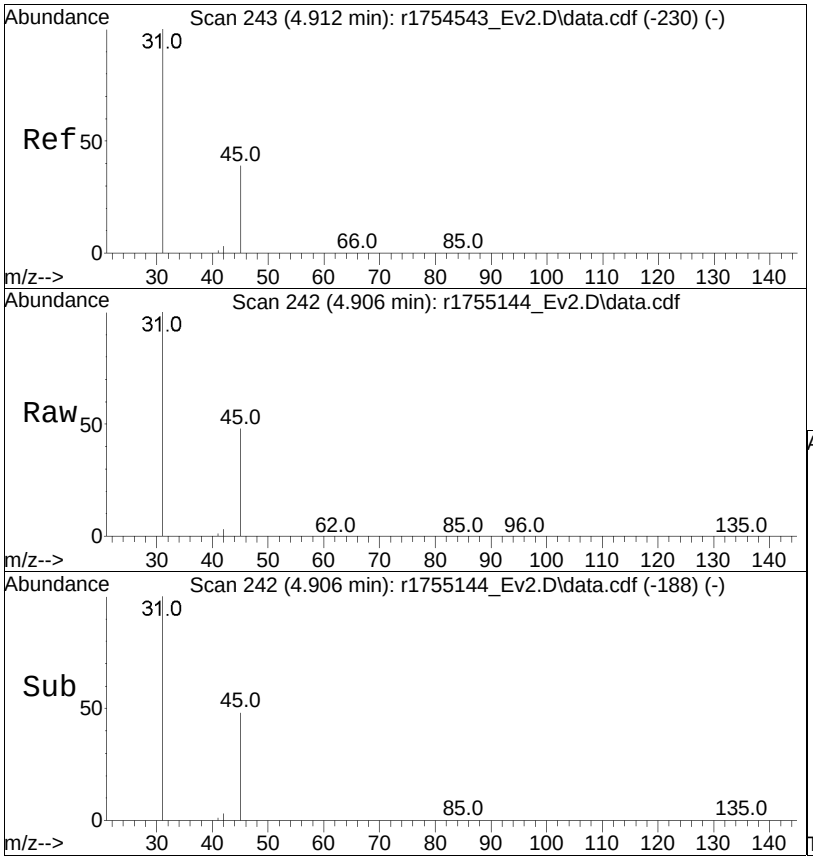


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.090 min Scan# 106
Delta R.T. -0.006 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 85 Resp: 790

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.2	39.4
135	70.0	58.1	87.1

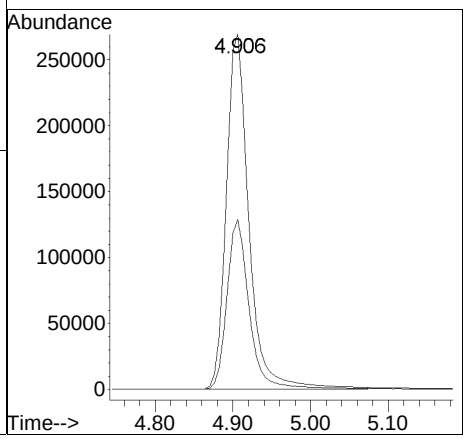


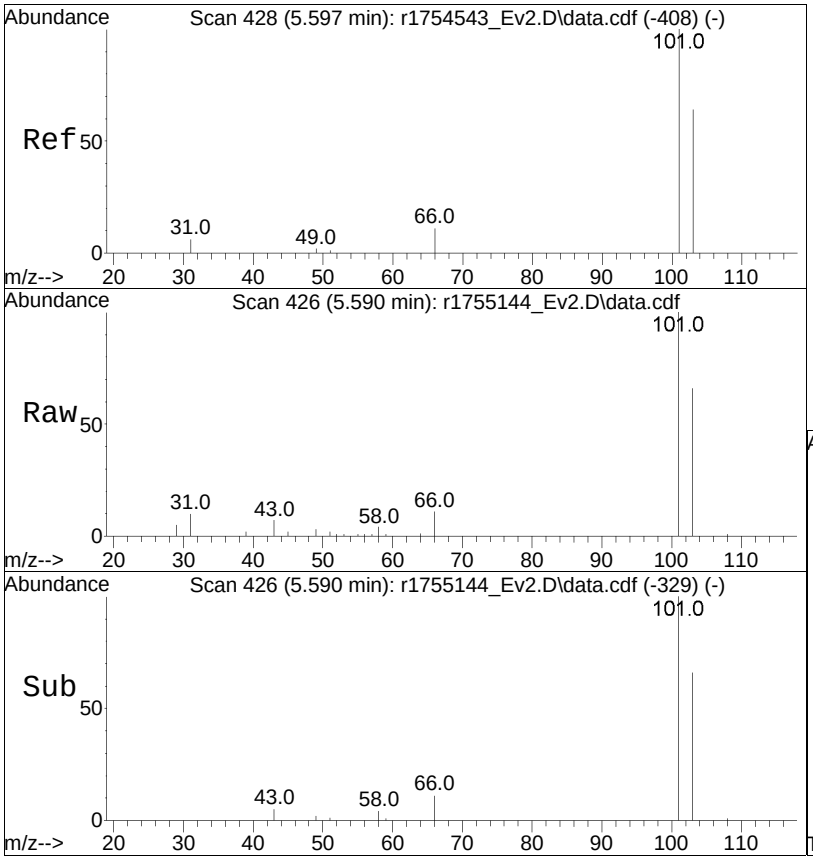


#11
ethanol
Concen: 31.42 ppbV
RT: 4.906 min Scan# 242
Delta R.T. -0.006 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 31 Resp: 531184

Ion	Ratio	Lower	Upper
31	100		
45	47.8	31.0	46.4#

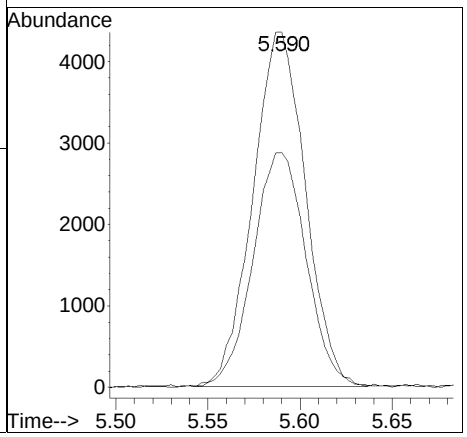


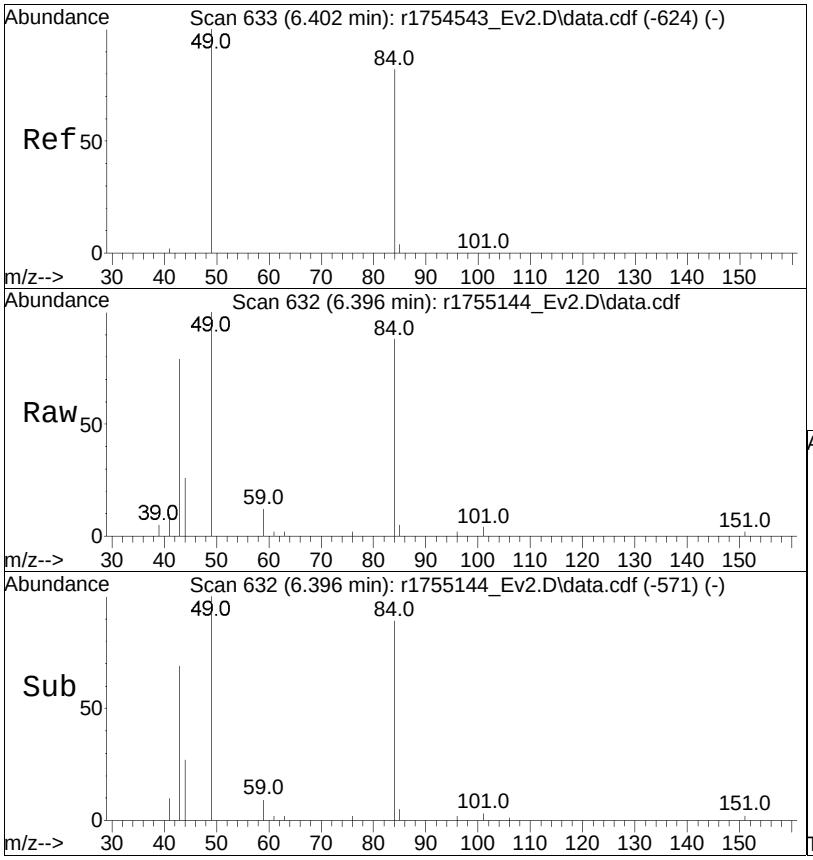


#15
trichlorofluoromethane
Concen: 0.24 ppbV
RT: 5.590 min Scan# 426
Delta R.T. -0.007 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:101 Resp: 8647

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.4	77.0

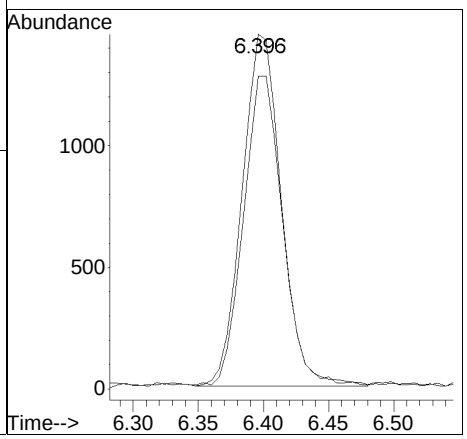


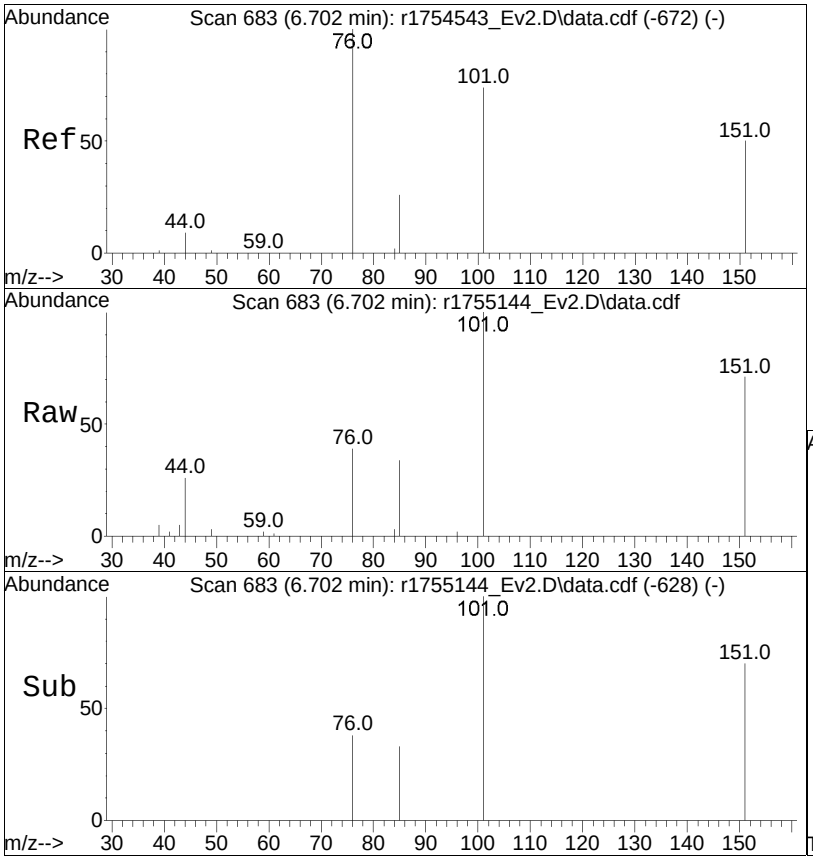


#20
methylene chloride
Concen: 0.15 ppbV
RT: 6.396 min Scan# 632
Delta R.T. -0.006 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 49 Resp: 3027

Ion	Ratio	Lower	Upper
49	100		
84	88.1	65.9	98.9

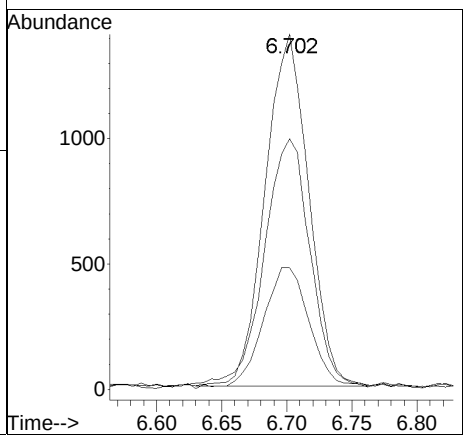


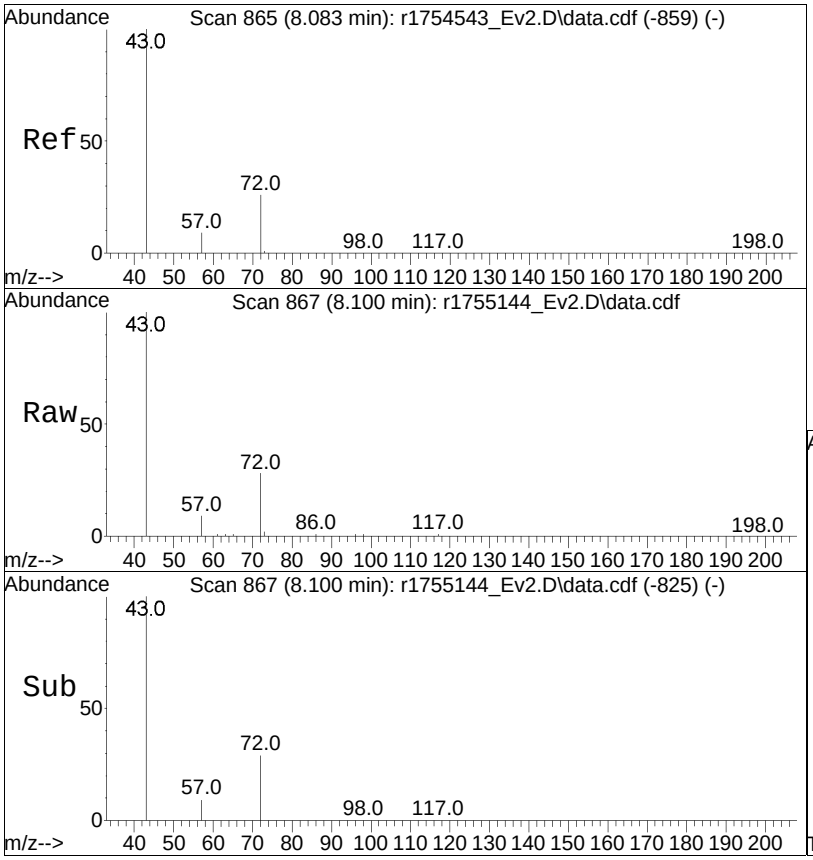


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.702 min Scan# 683
Delta R.T. 0.000 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:101 Resp: 3243

Ion	Ratio	Lower	Upper
101	100		
85	34.3	27.5	41.3
151	70.6	53.4	80.0

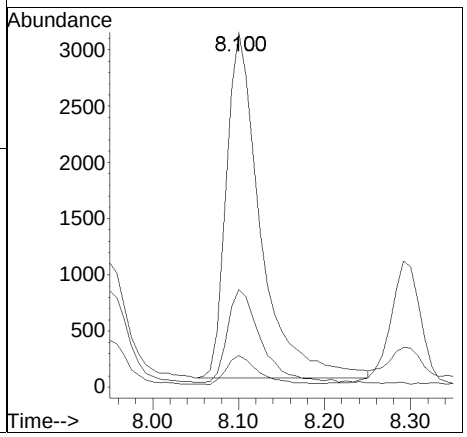


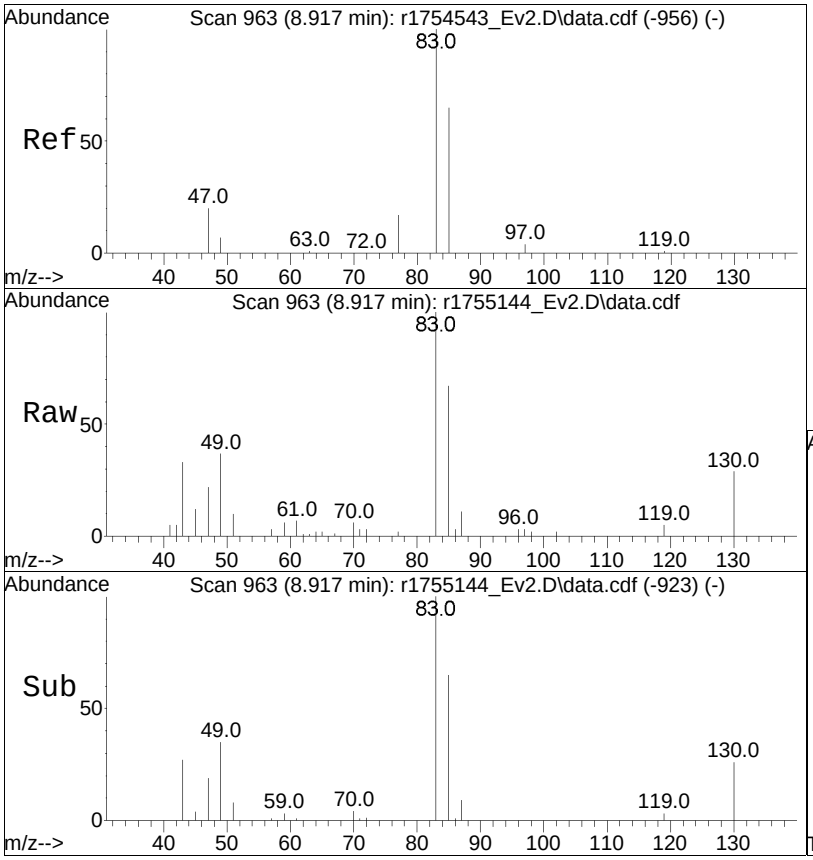


#28
2-butanone
Concen: 0.25 ppbV
RT: 8.100 min Scan# 867
Delta R.T. 0.017 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 43 Resp: 8539

Ion	Ratio	Lower	Upper
43	100		
72	27.5	20.7	31.1
57	9.0	6.9	10.3

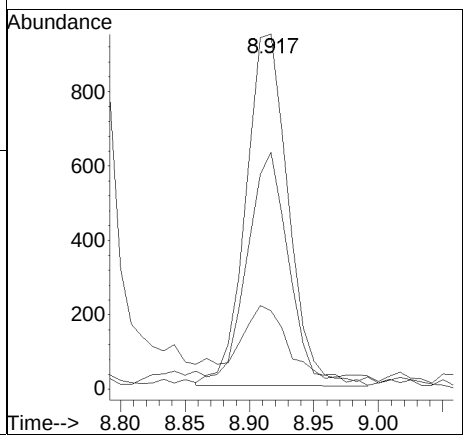


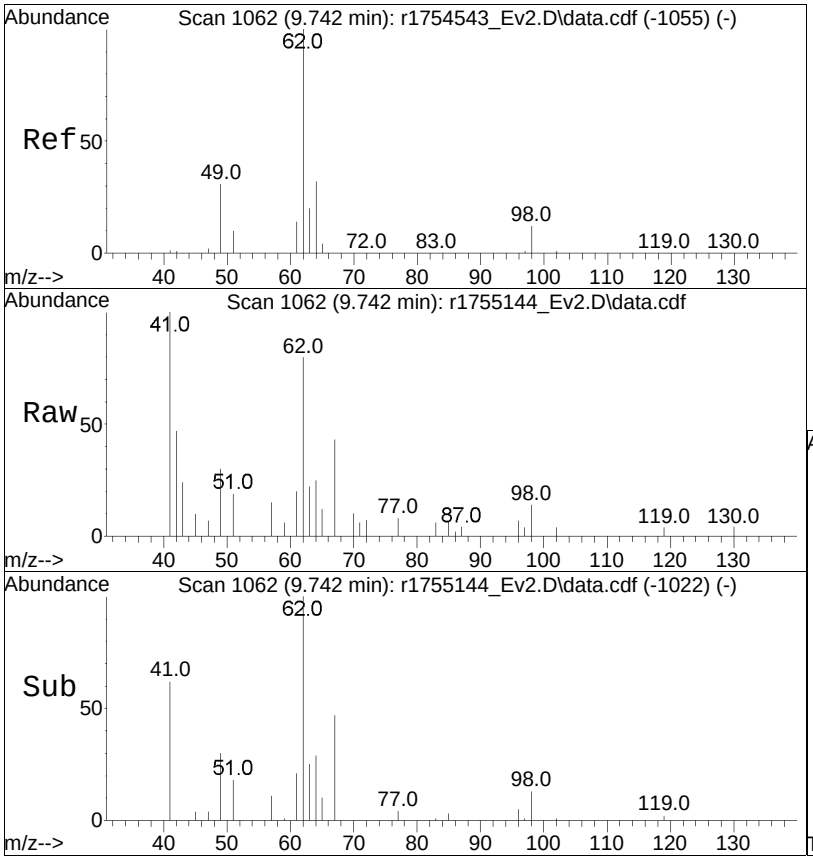


#31
chloroform
Concen: 0.06 ppbV
RT: 8.917 min Scan# 963
Delta R.T. 0.000 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 83 Resp: 2175

Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.3	78.5
47	22.1	16.5	24.7

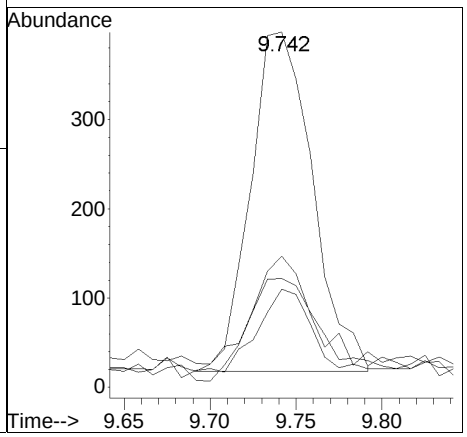


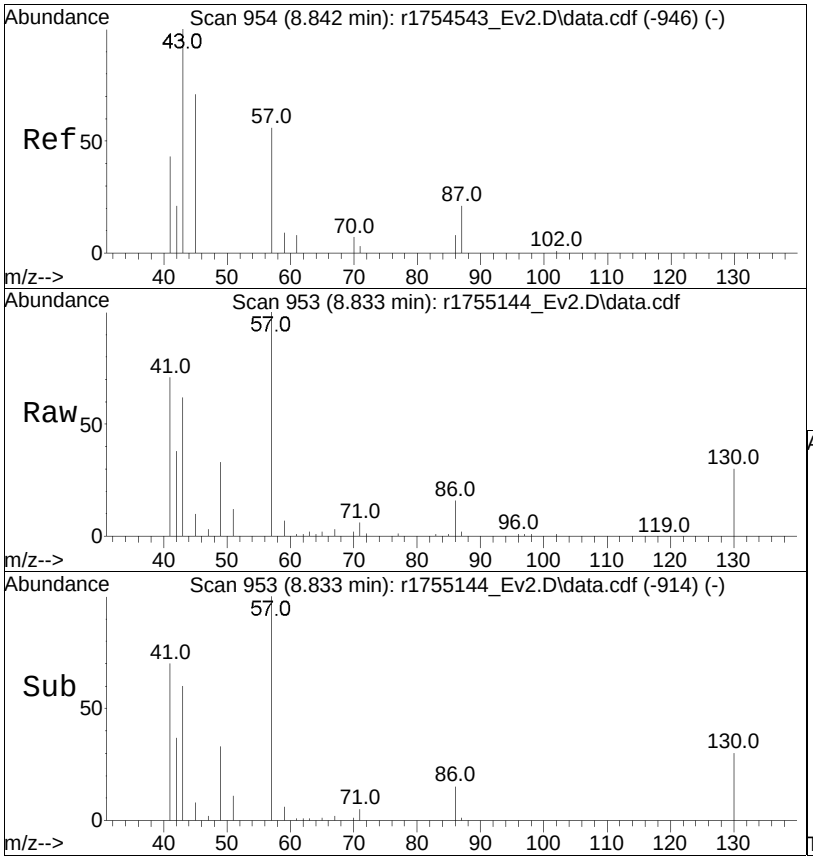


#33
1,2-dichloroethane
Concen: 0.04 ppbV
RT: 9.742 min Scan# 1062
Delta R.T. 0.000 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 62 Resp: 954

Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.4	38.2
49	36.9	24.6	37.0
63	27.6	15.9	23.9#

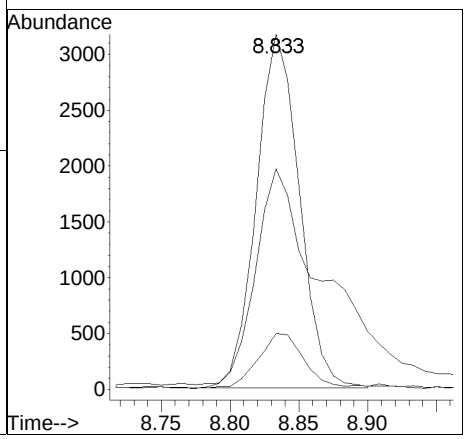


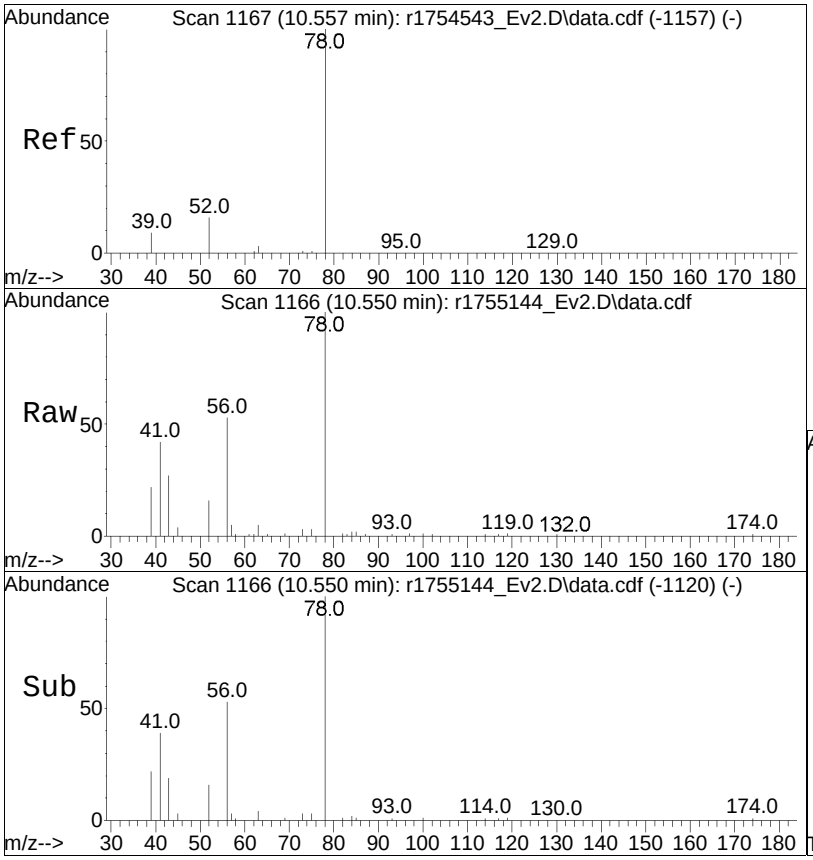


#35
hexane
Concen: 0.18 ppbV
RT: 8.833 min Scan# 953
Delta R.T. -0.008 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 57 Resp: 6901

Ion	Ratio	Lower	Upper
57	100		
43	62.1	143.4	215.2#
86	15.7	11.9	17.9

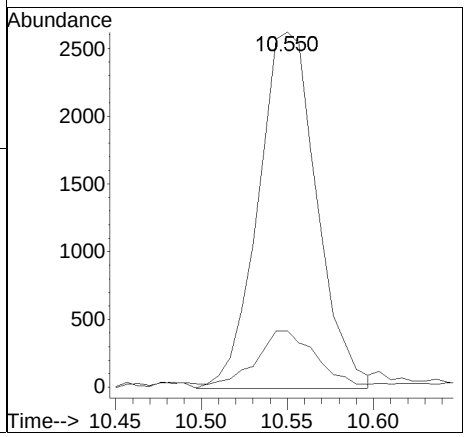


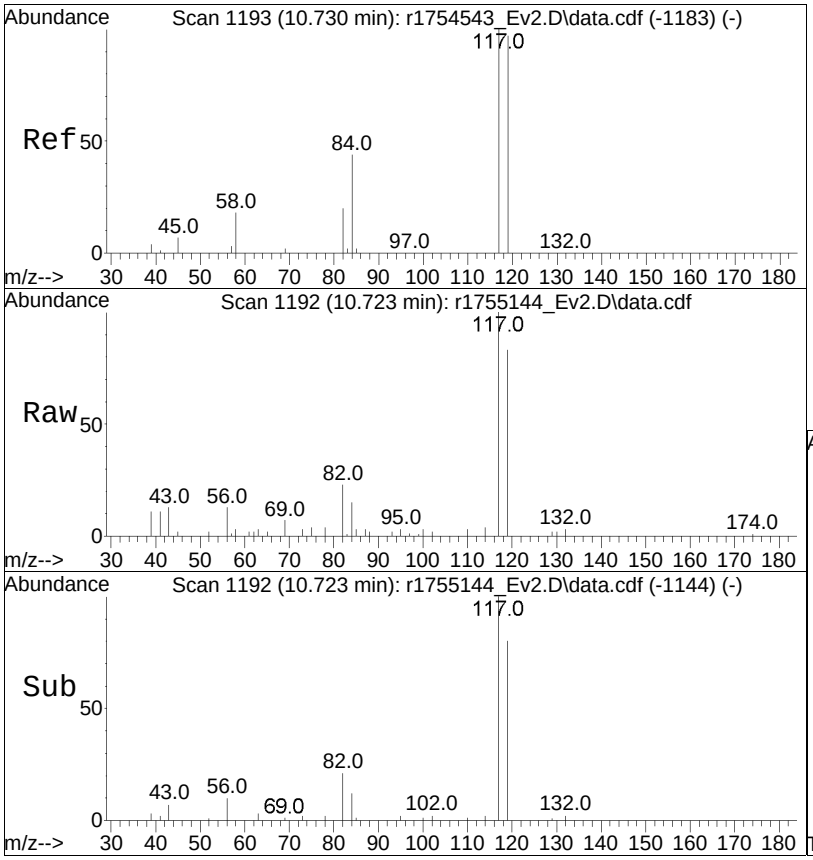


#38
benzene
Concen: 0.09 ppbV
RT: 10.550 min Scan# 1166
Delta R.T. -0.007 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 78 Resp: 6197

Ion	Ratio	Lower	Upper
78	100		
52	15.9	12.7	19.1

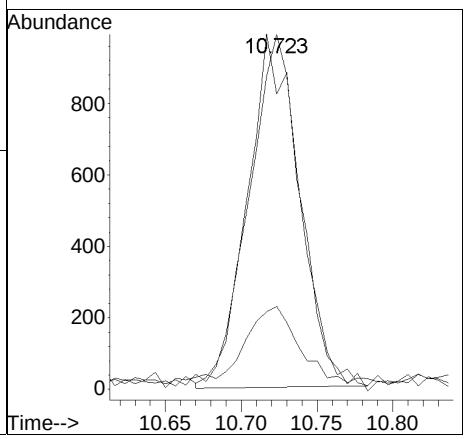


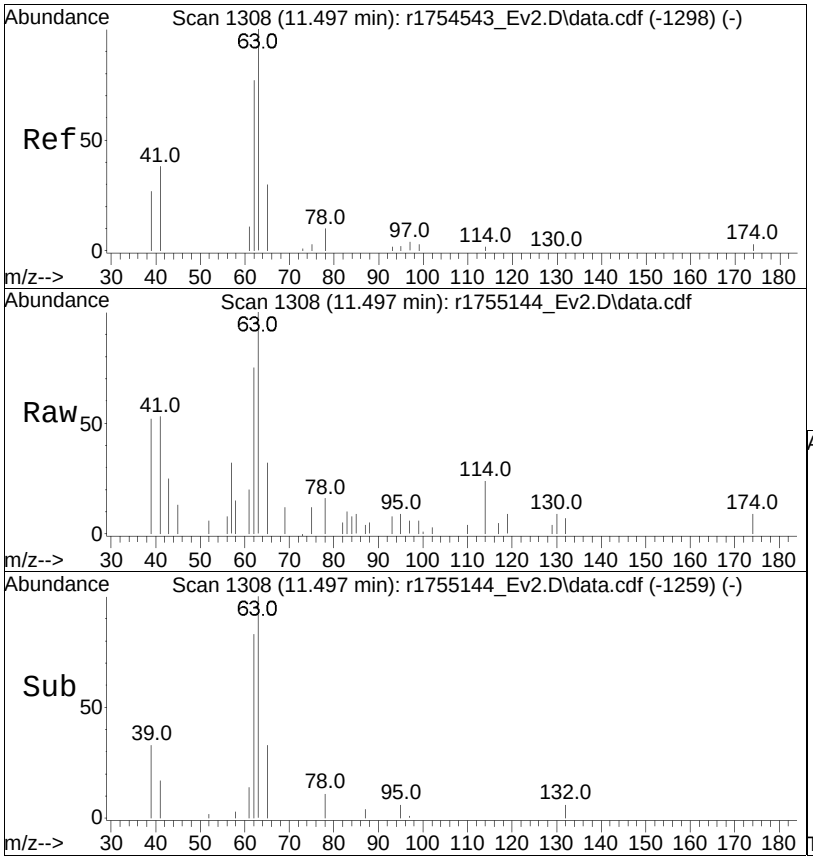


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.723 min Scan# 1192
Delta R.T. -0.007 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:117 Resp: 2332

Ion	Ratio	Lower	Upper
117	100		
119	83.3	77.3	115.9
82	23.4	16.2	24.2

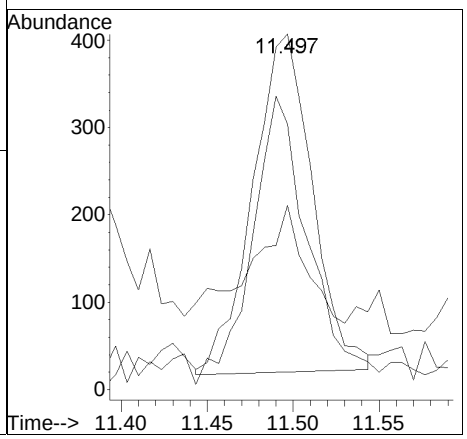


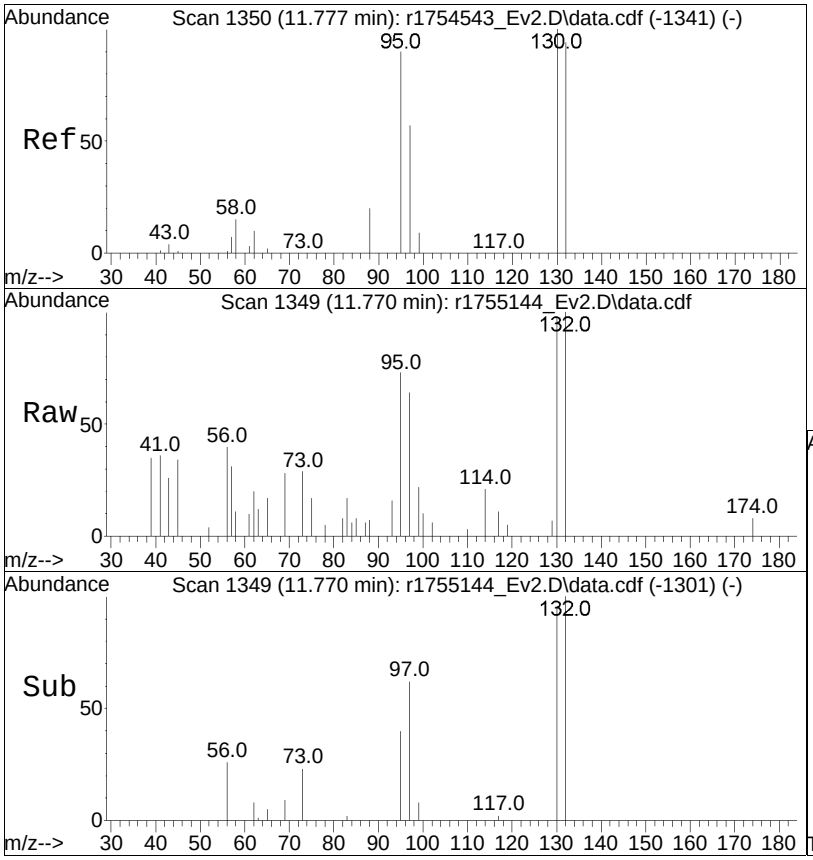


#42
1,2-dichloropropane
Concen: 0.03 ppbV
RT: 11.497 min Scan# 1308
Delta R.T. 0.000 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 63 Resp: 936

Ion	Ratio	Lower	Upper
63	100		
62	74.7	61.5	92.3
39	51.8	22.2	33.2#

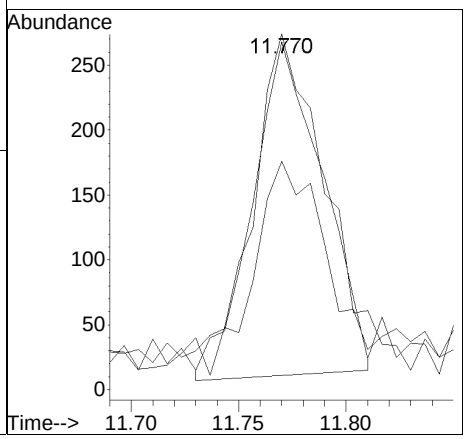


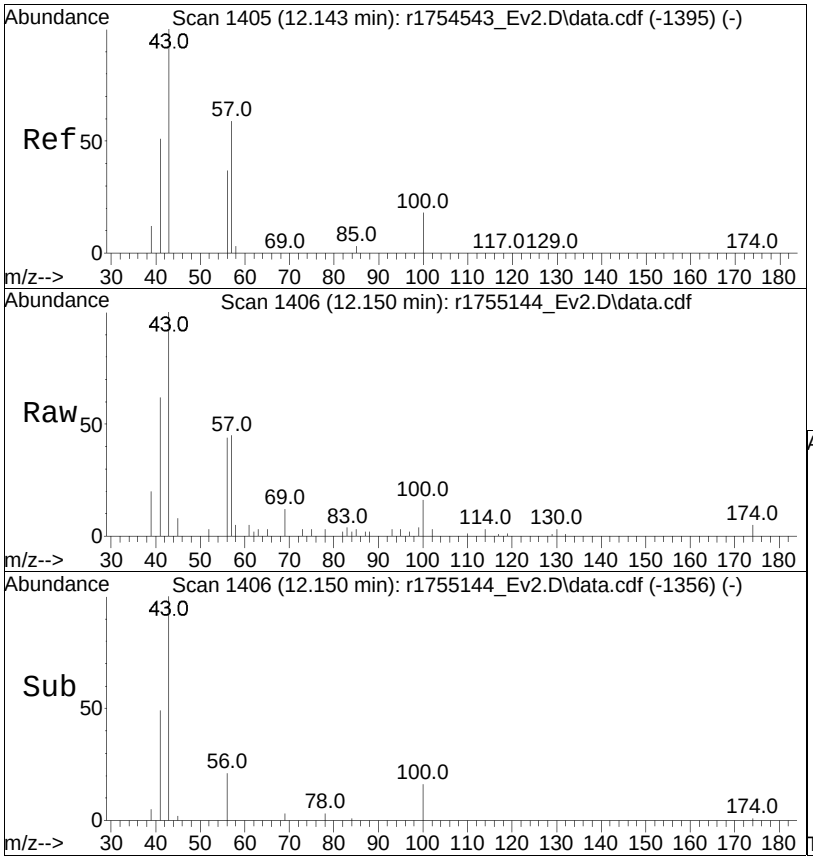


#45
trichloroethene
Concen: 0.02 ppbV
RT: 11.770 min Scan# 1349
Delta R.T. -0.007 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:130 Resp: 590

Ion	Ratio	Lower	Upper
130	100		
132	102.2	75.0	112.4
97	65.7	45.4	68.2

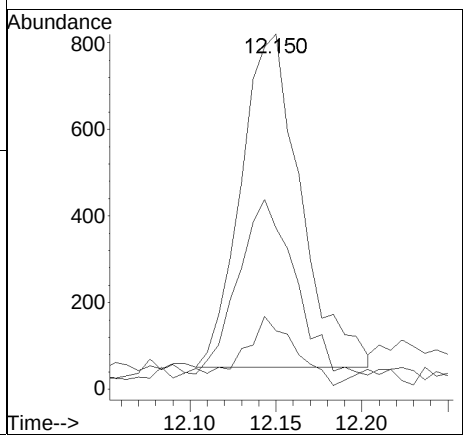


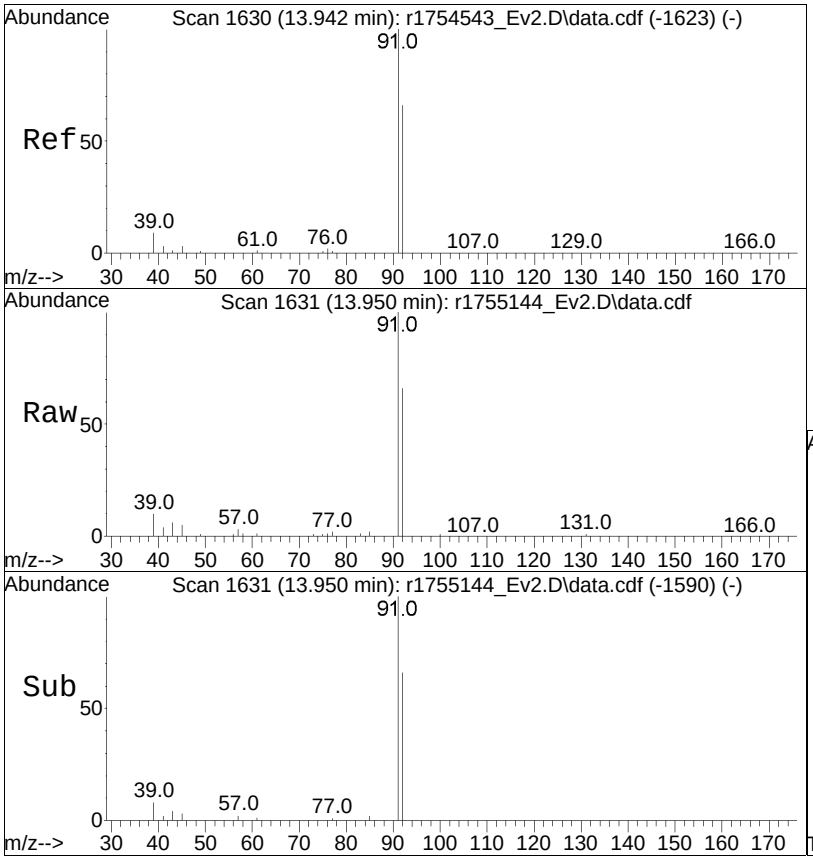


#47
heptane
Concen: 0.05 ppbV
RT: 12.150 min Scan# 1406
Delta R.T. 0.007 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 43 Resp: 1863

Ion	Ratio	Lower	Upper
43	100		
57	45.4	47.2	70.8#
100	16.5	14.9	22.3

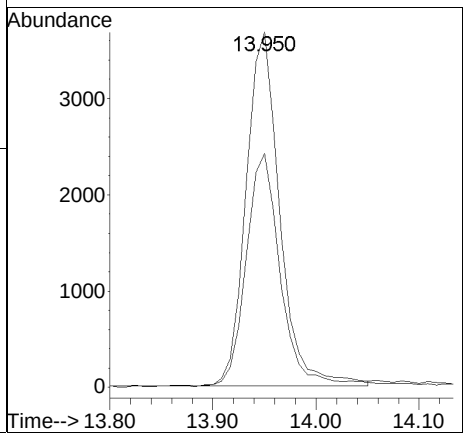


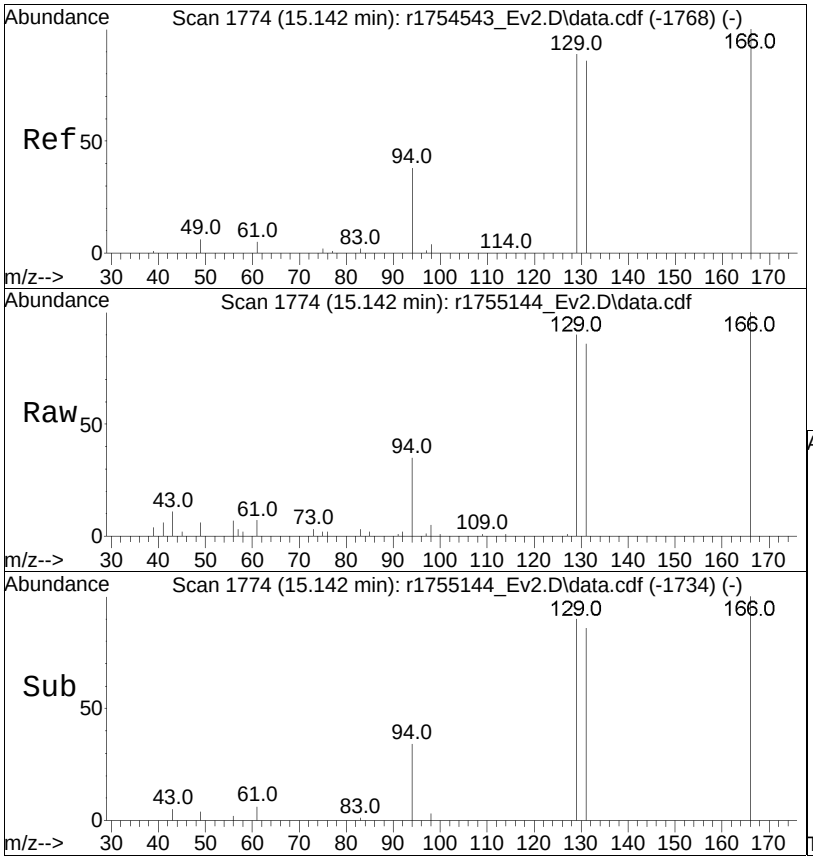


#53
toluene
Concen: 0.10 ppbV
RT: 13.950 min Scan# 1631
Delta R.T. 0.008 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 91 Resp: 8363

Ion	Ratio	Lower	Upper
91	100		
92	65.8	52.6	78.8

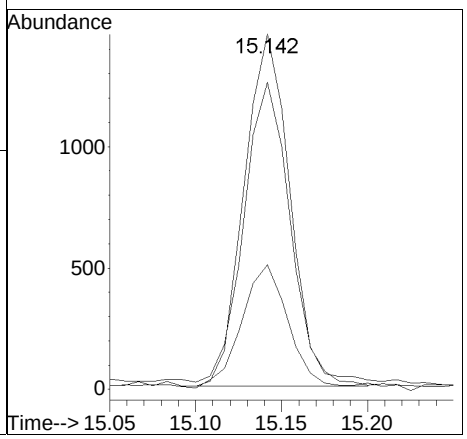


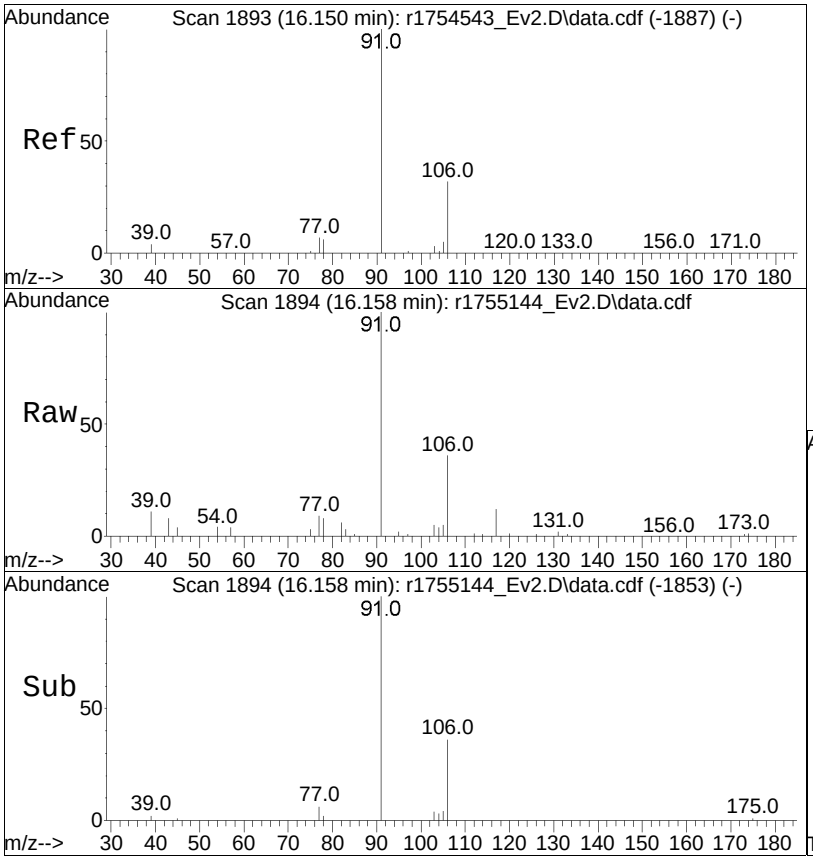


#58
tetrachloroethene
Concen: 0.08 ppbV
RT: 15.142 min Scan# 1774
Delta R.T. 0.000 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:166 Resp: 2687

Ion	Ratio	Lower	Upper
166	100		
131	86.4	69.1	103.7
94	35.0	30.7	46.1

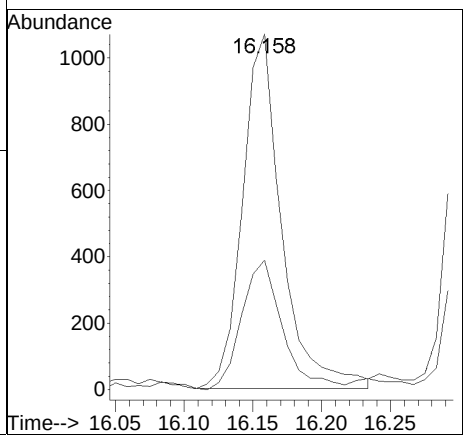


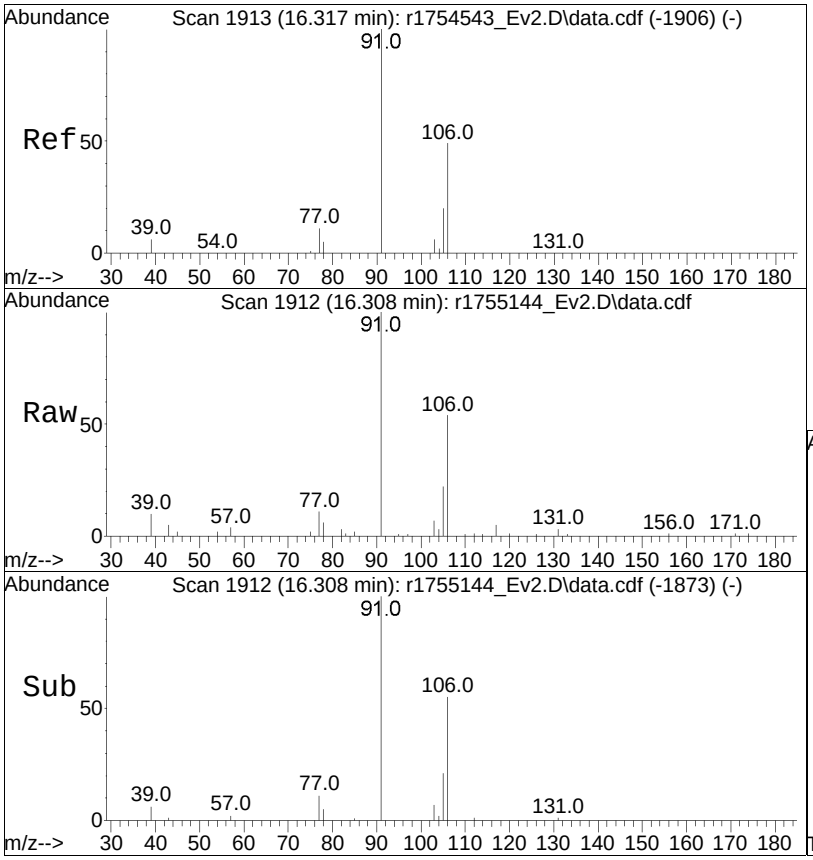


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 91 Resp: 2127

Ion	Ratio	Lower	Upper
91	100		
106	36.4	25.8	38.6

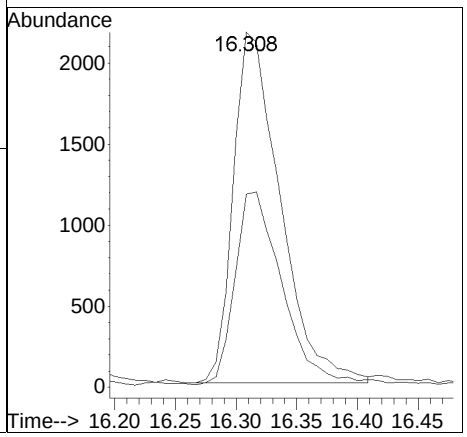


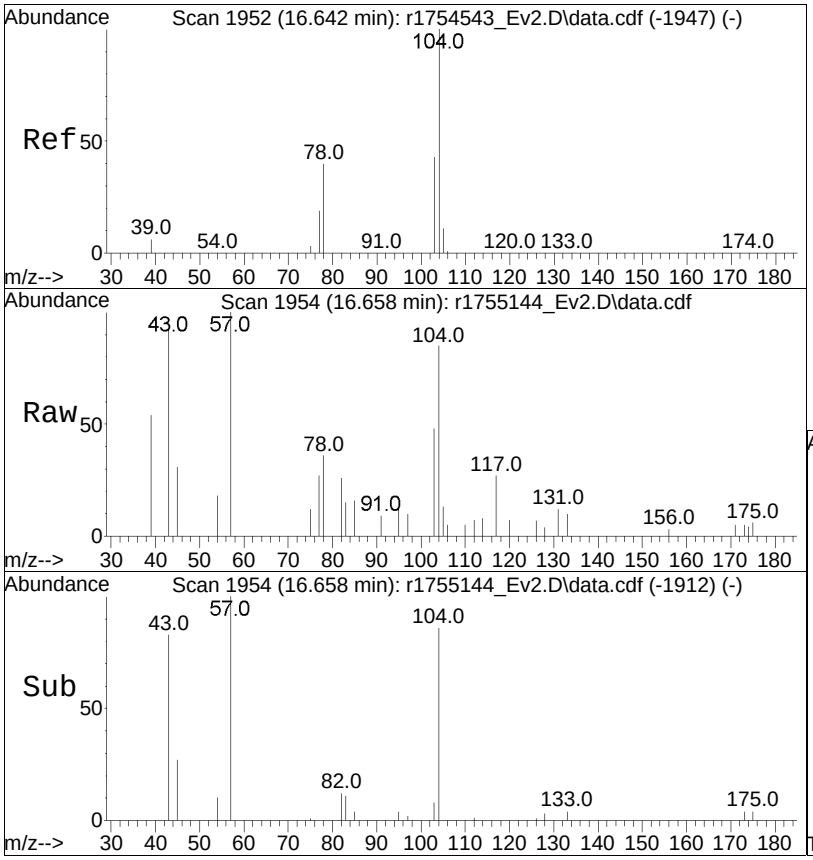


#62
m+p-xylene
Concen: 0.07 ppbV
RT: 16.308 min Scan# 1912
Delta R.T. -0.008 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 91 Resp: 5833

Ion	Ratio	Lower	Upper
91	100		
106	54.4	39.4	59.0

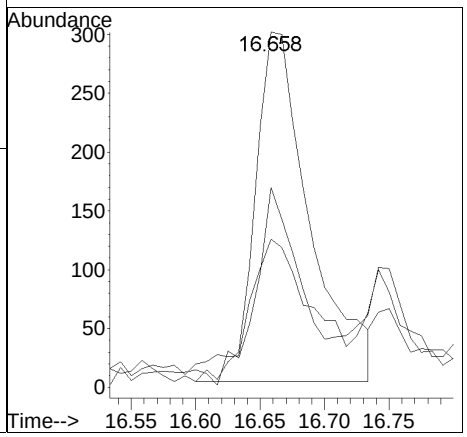


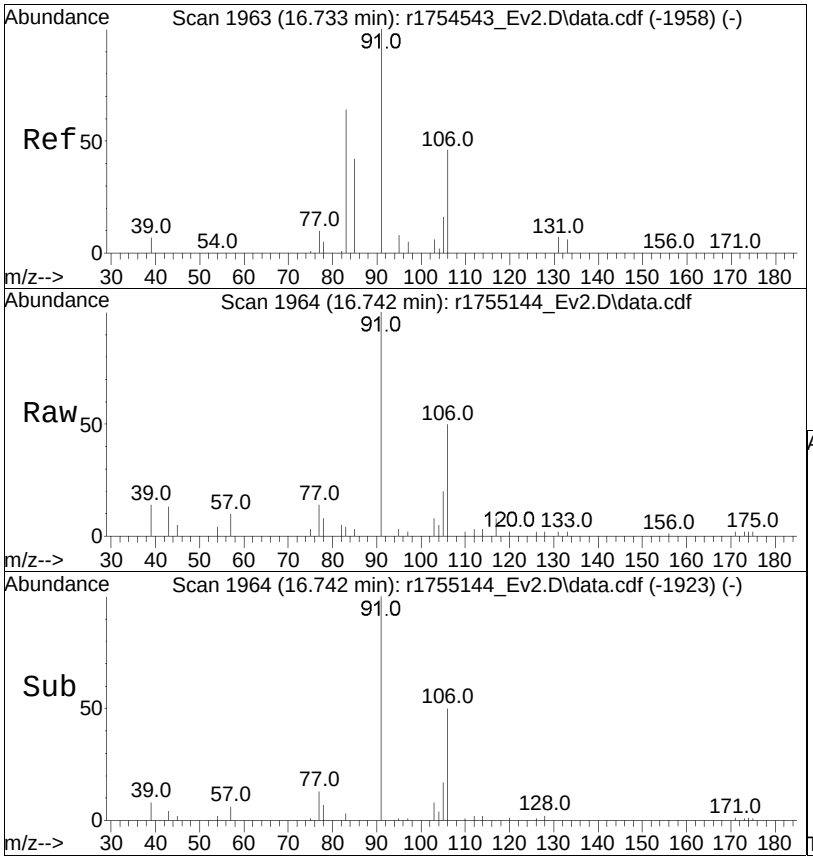


#64
styrene
Concen: 0.02 ppbV
RT: 16.658 min Scan# 1954
Delta R.T. 0.017 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:104 Resp: 878

Ion	Ratio	Lower	Upper
104	100		
103	56.3	34.8	52.2#
78	41.7	31.8	47.8

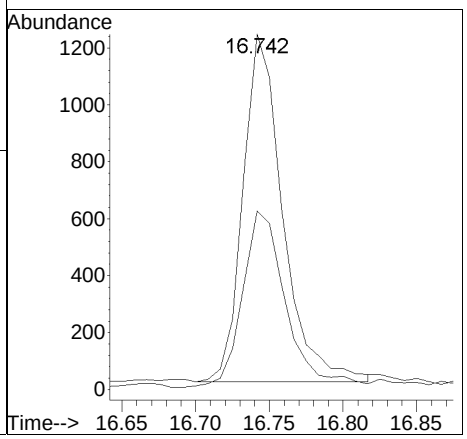


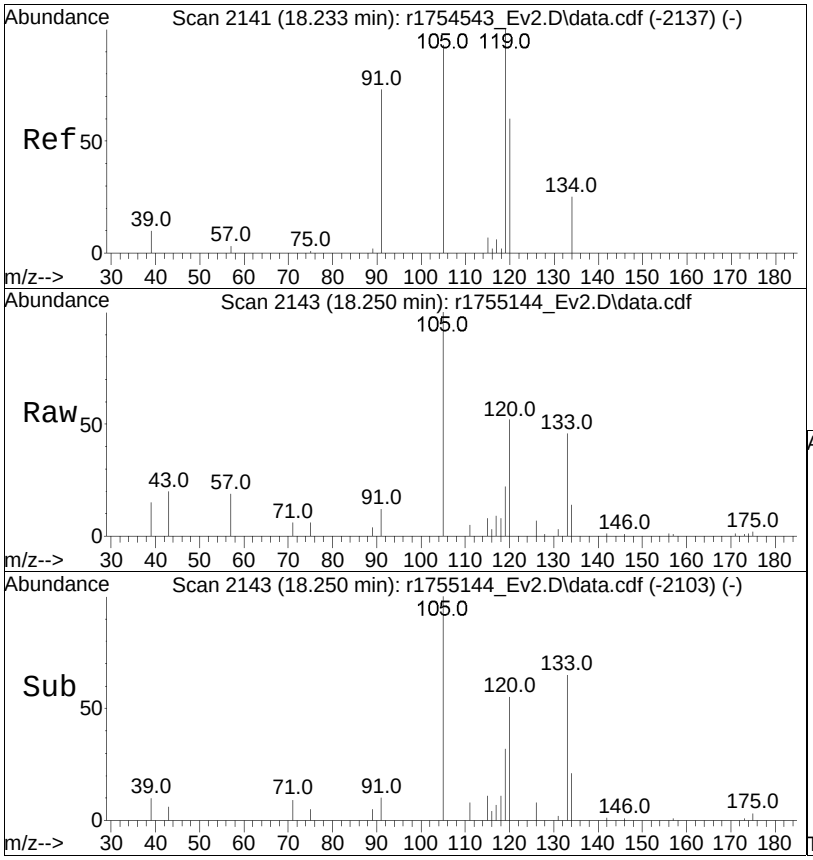


#66
o-xylene
Concen: 0.03 ppbV
RT: 16.742 min Scan# 1964
Delta R.T. 0.008 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion: 91 Resp: 2300

Ion	Ratio	Lower	Upper
91	100		
106	50.3	37.0	55.4

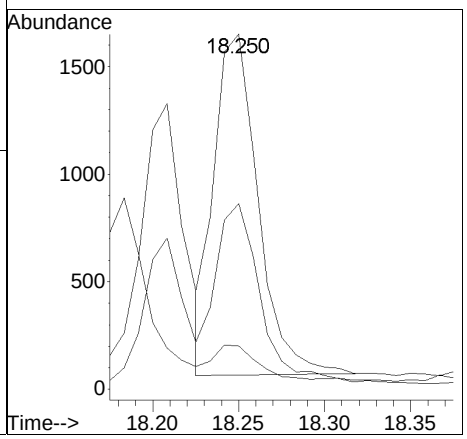


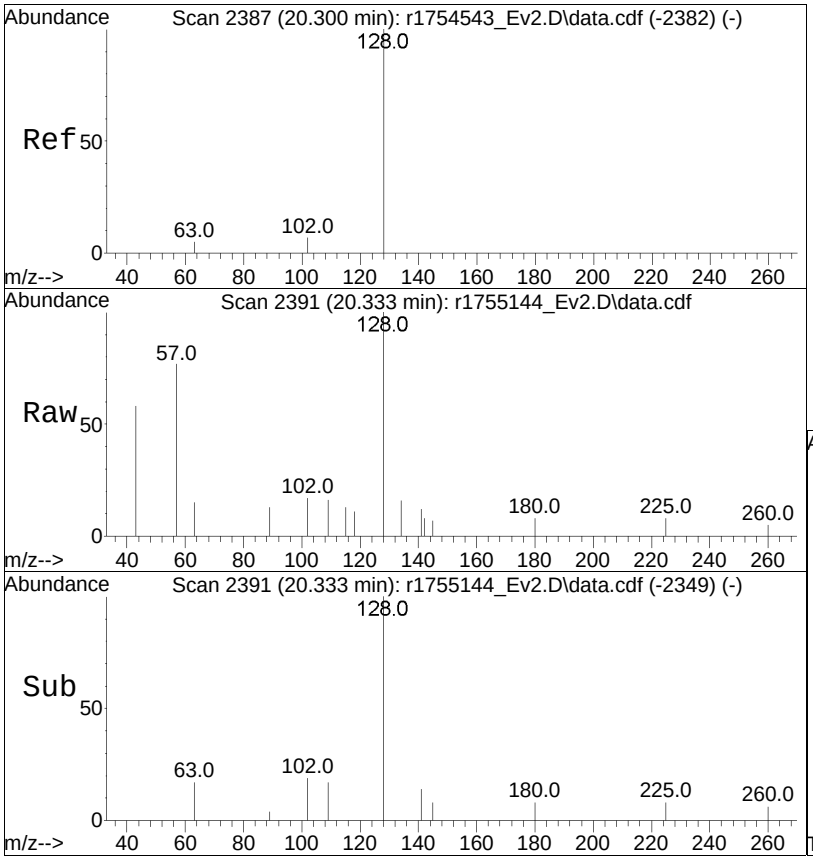


#74
1,2,4-trimethylbenzene
Concen: 0.03 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:105 Resp: 2827

Ion	Ratio	Lower	Upper
105	100		
120	52.3	51.8	77.8
91	12.2	63.4	95.2#

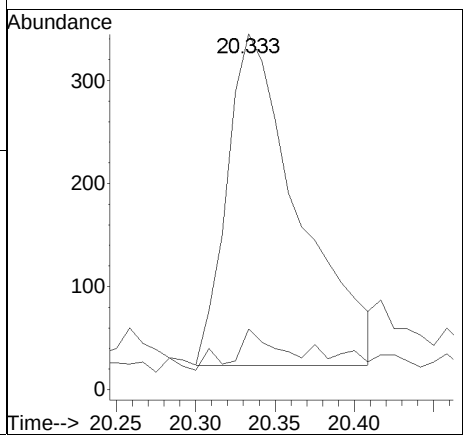




#85
naphthalene
Concen: 0.01 ppbV
RT: 20.333 min Scan# 2391
Delta R.T. 0.033 min
Lab File: r1755144_Ev2.D
Acq: 28 Mar 2026 7:41 AM

Tgt Ion:128 Resp: 1009

Ion	Ratio	Lower	Upper
128	100		
102	17.1	5.7	8.5#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TSIM17_260305.M
Data File	: r1755144_Ev2.D	Operator	: AIRLAB17:SL
Date Inj'd	: 3/28/2026 7:41 AM	Instrument	:
Sample	: L2612589-10,3,250,250	Quant Date	: 3/28/2026 12:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755145_Ev2.D
Acq On : 28 Mar 2026 8:19 AM
Operator : AIRLAB17:SL
Sample : L2612589-13,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:30 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.758	49	244628	10.000	ppbV		0.00
Standard Area = 255556			Recovery = 95.72%				
34) 1,4-difluorobenzene	10.977	114	853070	10.000	ppbV		0.00
Standard Area = 912824			Recovery = 93.45%				
52) chlorobenzene-D5	15.750	54	109199	10.000	ppbV	#	0.00
Standard Area = 110427			Recovery = 98.89%				
System Monitoring Compounds							
Target Compounds							Qvalue
4) dichlorodifluoromethane	3.844	85	27763	0.746	ppbV		99
5) chloromethane	3.994	50	9033	0.514	ppbV		98
6) Freon-114	4.102	85	742	0.016	ppbV		94
7) vinyl chloride	0.000		0	N.D.			
9) bromomethane	0.000		0	N.D.	d		
10) chloroethane	4.780		0	N.D.			
11) ethanol	4.912	31	706965	40.150	ppbV	#	86
15) trichlorofluoromethane	5.593	101	8748	0.230	ppbV		97
18) 1,1-dichloroethene	0.000		0	N.D.			
19) tertiary butyl alcohol	0.000		0	N.D.	d		
20) methylene chloride	6.402	49	2982	0.144	ppbV		93
23) Freon 113	6.702	101	3136	0.075	ppbV		94
24) trans-1,2-dichloroethene	7.433		0	N.D.			
25) 1,1-dichloroethane	7.650		0	N.D.			
26) MTBE	0.000		0	N.D.	d		
28) 2-butanone	8.100	43	8018	0.222	ppbV		98
29) cis-1,2-dichloroethene	8.583		0	N.D.			
31) chloroform	8.917	83	977	0.027	ppbV	#	94
33) 1,2-dichloroethane	9.742	62	965	0.040	ppbV		93
35) hexane	8.833	57	8610	0.220	ppbV	#	23
37) 1,1,1-trichloroethane	10.033		0	N.D.			
38) benzene	10.550	78	6177	0.083	ppbV		93
39) carbon tetrachloride	10.723	117	2340	0.071	ppbV		97
40) cyclohexane	0.000		0	N.D.	d		
42) 1,2-dichloropropane	11.490	63	1446	0.046	ppbV		92
43) bromodichloromethane	11.717		0	N.D.			
44) 1,4-dioxane	11.823		0	N.D.			
45) trichloroethene	11.770	130	687	0.018	ppbV		92

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755145_Ev2.D
Acq On : 28 Mar 2026 8:19 AM
Operator : AIRLAB17:SL
Sample : L2612589-13,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:30 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

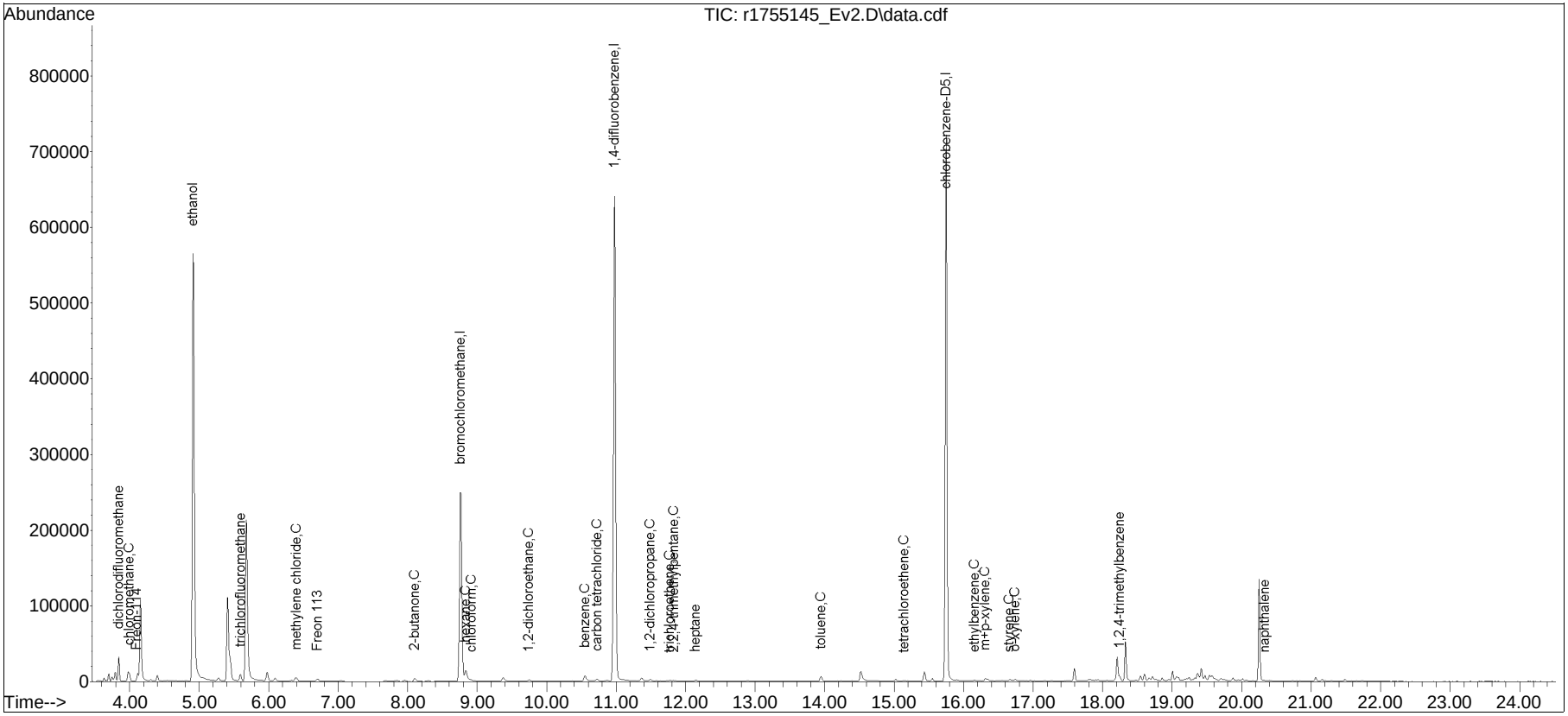
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	11.830	57	1409	0.012	ppbV #	71
47) heptane	12.143	43	1437	0.035	ppbV	99
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	12.892		0	N.D.		
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.950	91	7609	0.089	ppbV	99
56) dibromochloromethane	0.000		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.142	166	499	0.015	ppbV	91
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	1667	0.015	ppbV #	86
62) m+p-xylene	16.308	91	4026M2	0.048	ppbV	
63) bromoform	0.000		0	N.D.		
64) styrene	16.658	104	1015	0.017	ppbV	97
65) 1,1,2,2-tetrachloroethane	16.767		0	N.D.		
66) o-xylene	16.742	91	1720	0.020	ppbV	89
72) 1,3,5-trimethylbenzene	17.900		0	N.D.		
74) 1,2,4-trimethylbenzene	18.242	105	4460	0.052	ppbV #	49
75) Benzyl Chloride	0.000		0	N.D.	d	
76) 1,3-dichlorobenzene	18.383		0	N.D.		
77) 1,4-dichlorobenzene	18.442		0	N.D.		
81) 1,2-dichlorobenzene	18.717		0	N.D.		
84) 1,2,4-trichlorobenzene	20.117		0	N.D.		
85) naphthalene	20.333	128	1396M2	0.014	ppbV	
87) hexachlorobutadiene	0.000		0	N.D.		

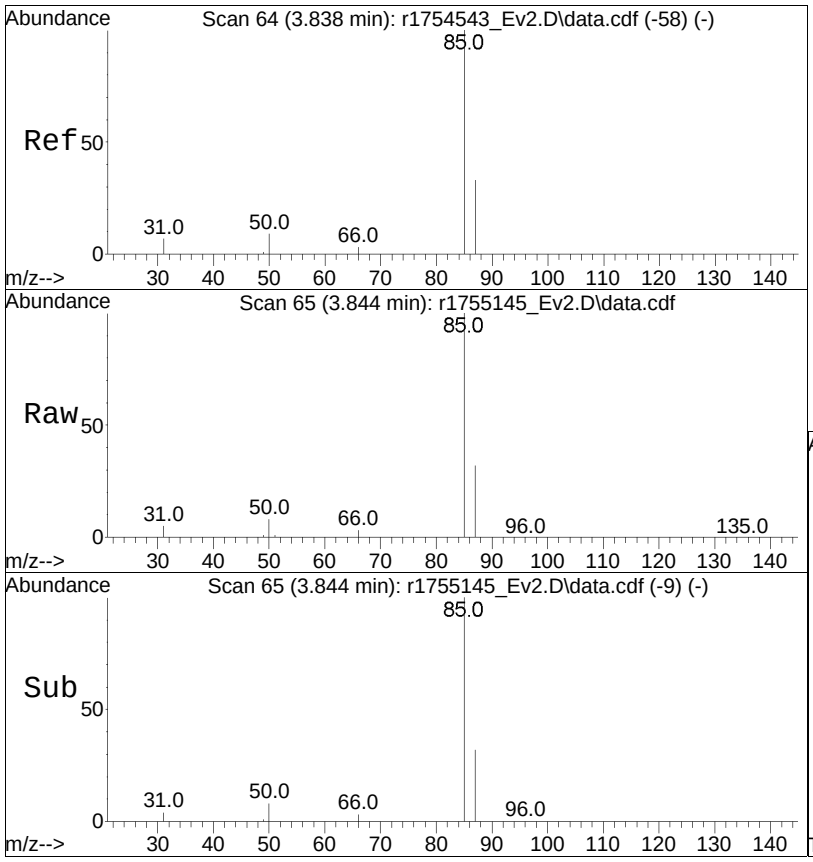
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755145_Ev2.D
Acq On : 28 Mar 2026 8:19 AM
Operator : AIRLAB17:SL
Sample : L2612589-13,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:30 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

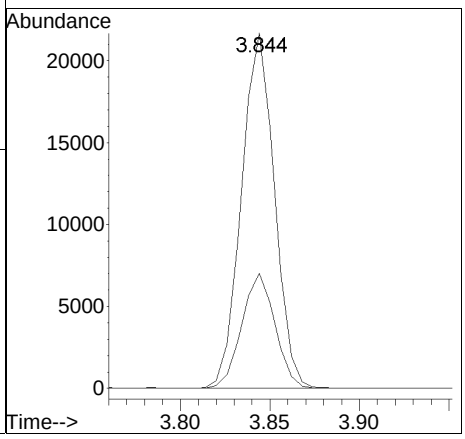


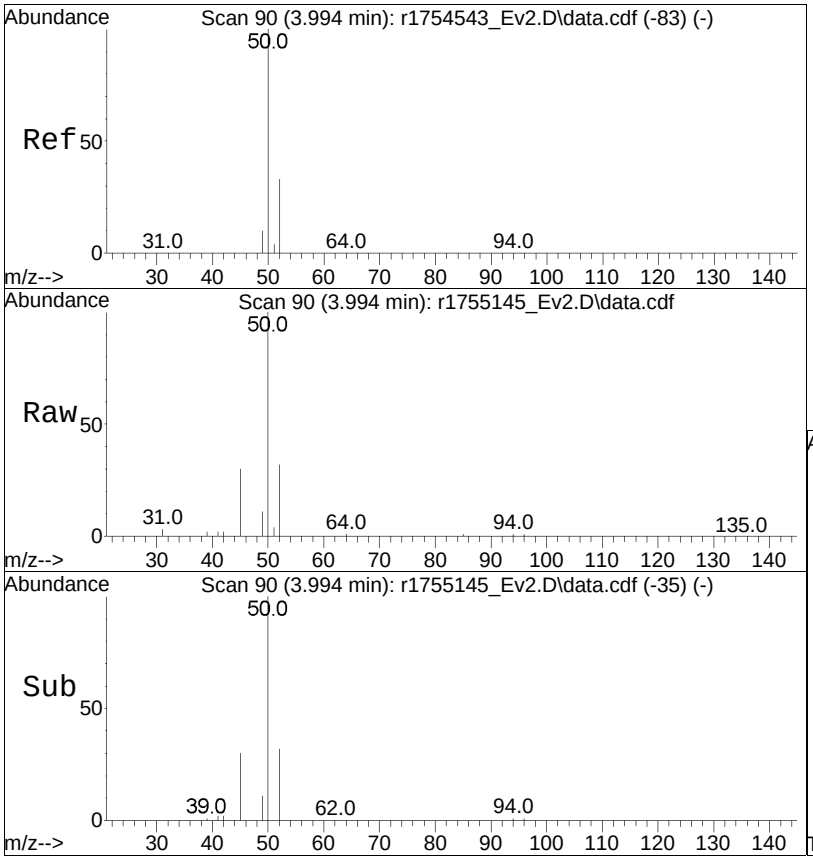


#4
dichlorodifluoromethane
Concen: 0.75 ppbV
RT: 3.844 min Scan# 65
Delta R.T. 0.006 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 85 Resp: 27763

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.2	39.4

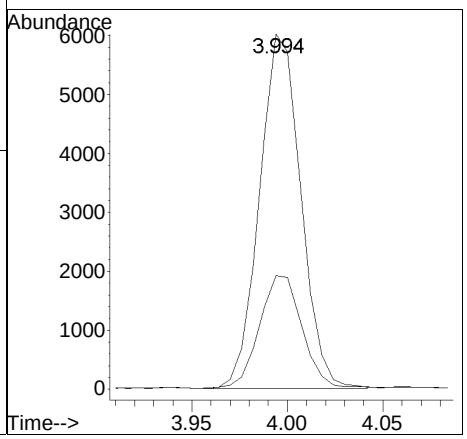


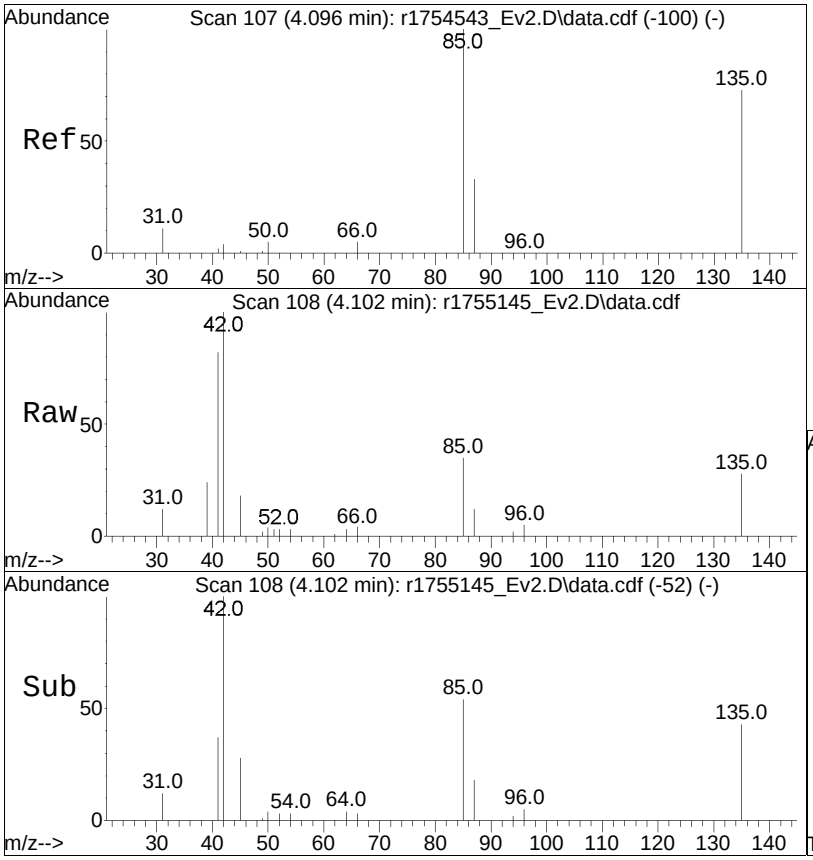


#5
chloromethane
Concen: 0.51 ppbV
RT: 3.994 min Scan# 90
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 50 Resp: 9033

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.6	39.8

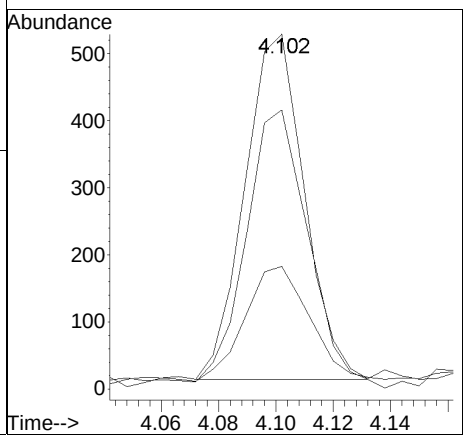


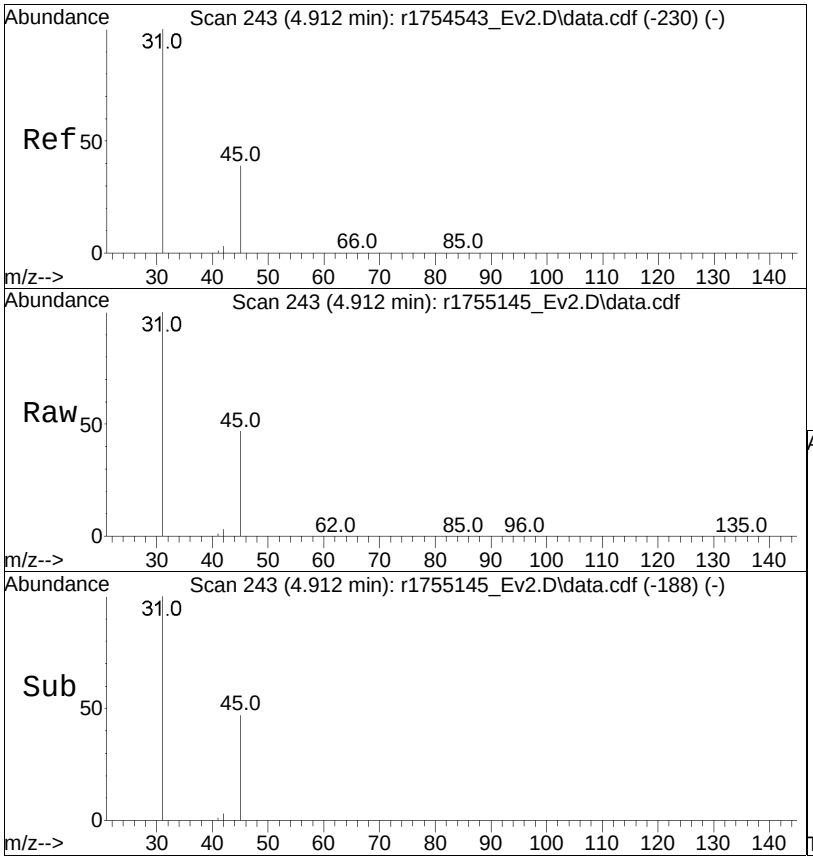


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.102 min Scan# 108
Delta R.T. 0.006 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 85 Resp: 742

Ion	Ratio	Lower	Upper
85	100		
87	34.6	26.2	39.4
135	78.6	58.1	87.1

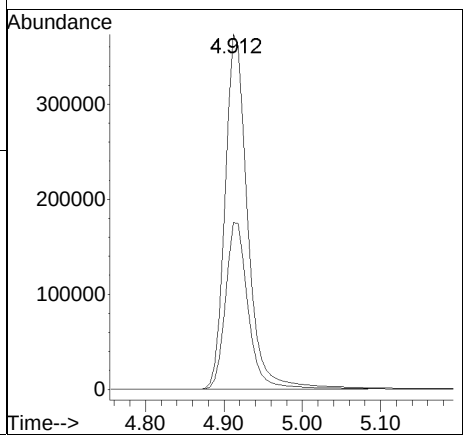


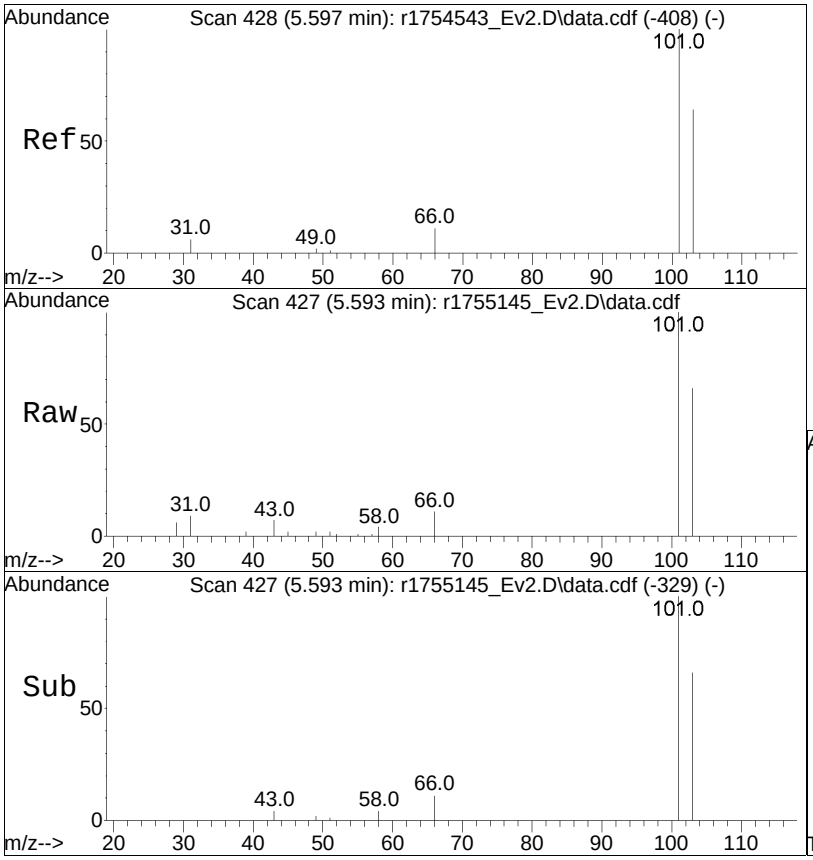


#11
ethanol
Concen: 40.15 ppbV
RT: 4.912 min Scan# 243
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 31 Resp: 706965

Ion	Ratio	Lower	Upper
31	100		
45	46.9	31.0	46.4#

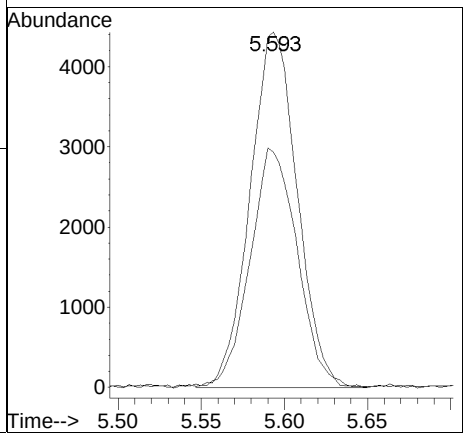


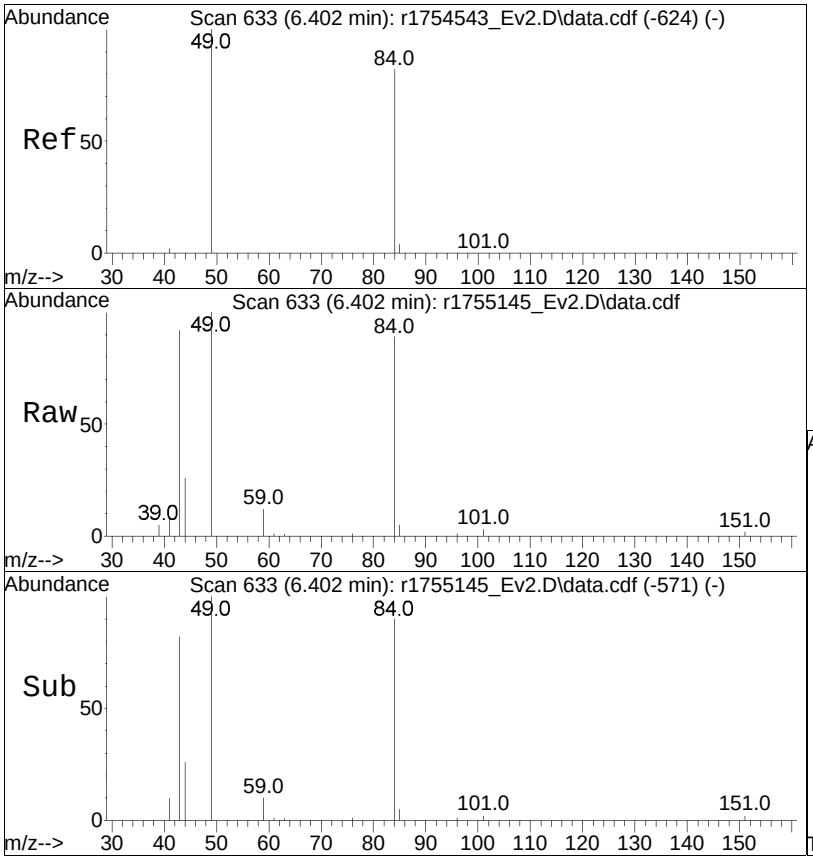


#15
trichlorofluoromethane
Concen: 0.23 ppbV
RT: 5.593 min Scan# 427
Delta R.T. -0.003 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:101 Resp: 8748

Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.4	77.0

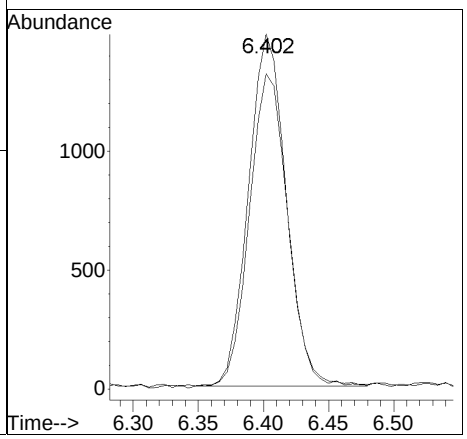


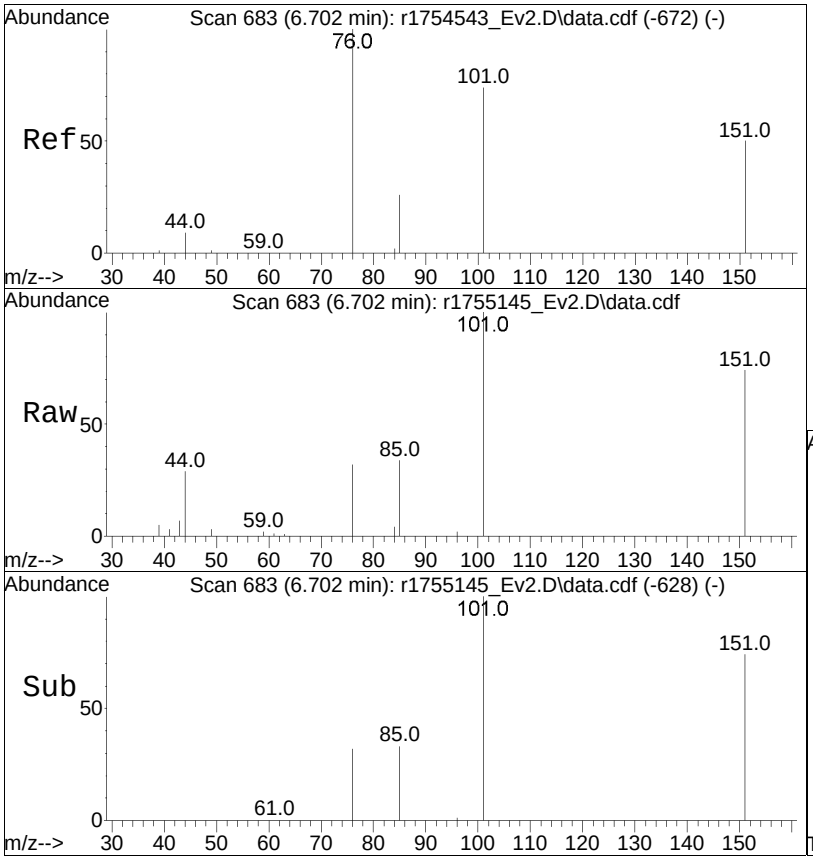


#20
methylene chloride
Concen: 0.14 ppbV
RT: 6.402 min Scan# 633
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 49 Resp: 2982

Ion	Ratio	Lower	Upper
49	100		
84	88.8	65.9	98.9

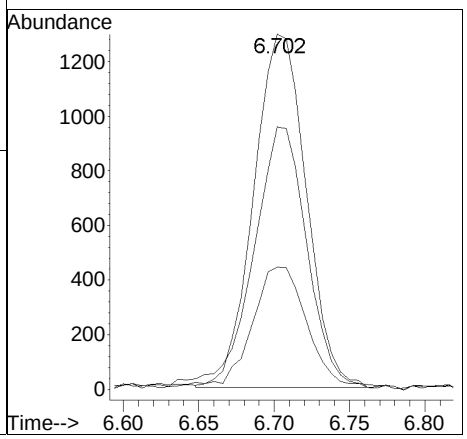


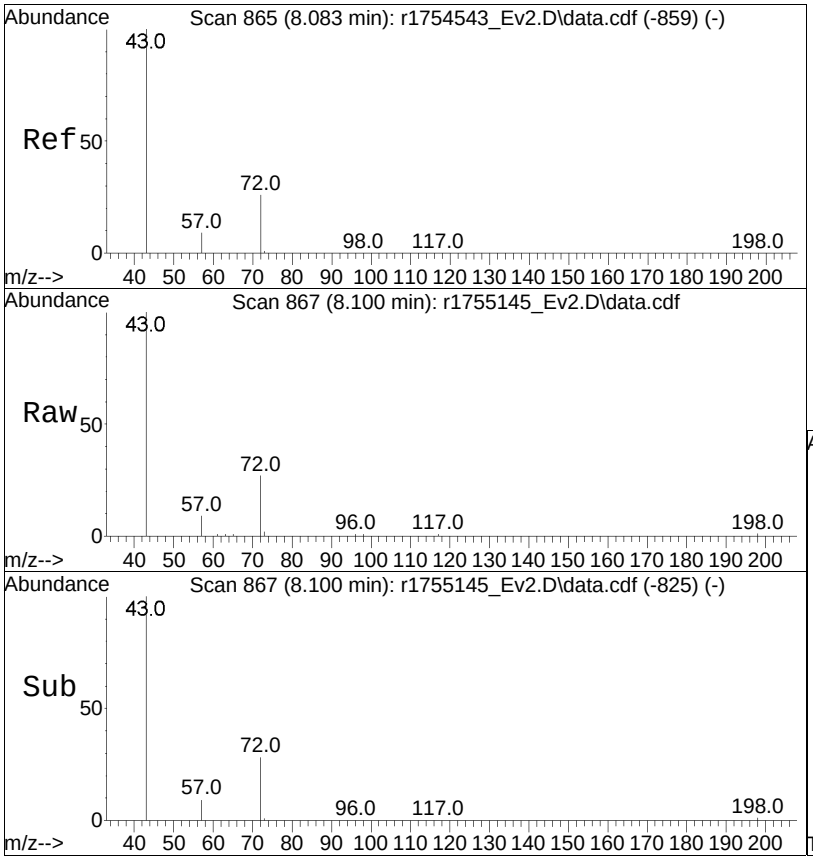


#23
Freon 113
Concen: 0.07 ppbV
RT: 6.702 min Scan# 683
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:101 Resp: 3136

Ion	Ratio	Lower	Upper
101	100		
85	34.4	27.5	41.3
151	73.9	53.4	80.0

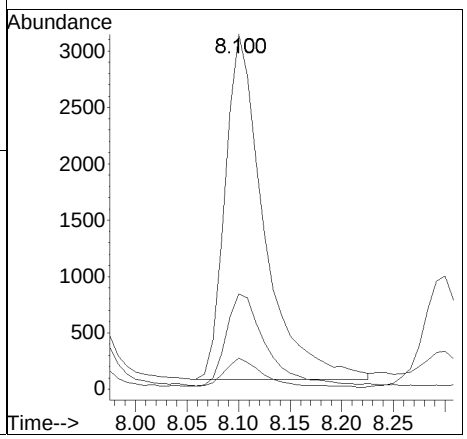


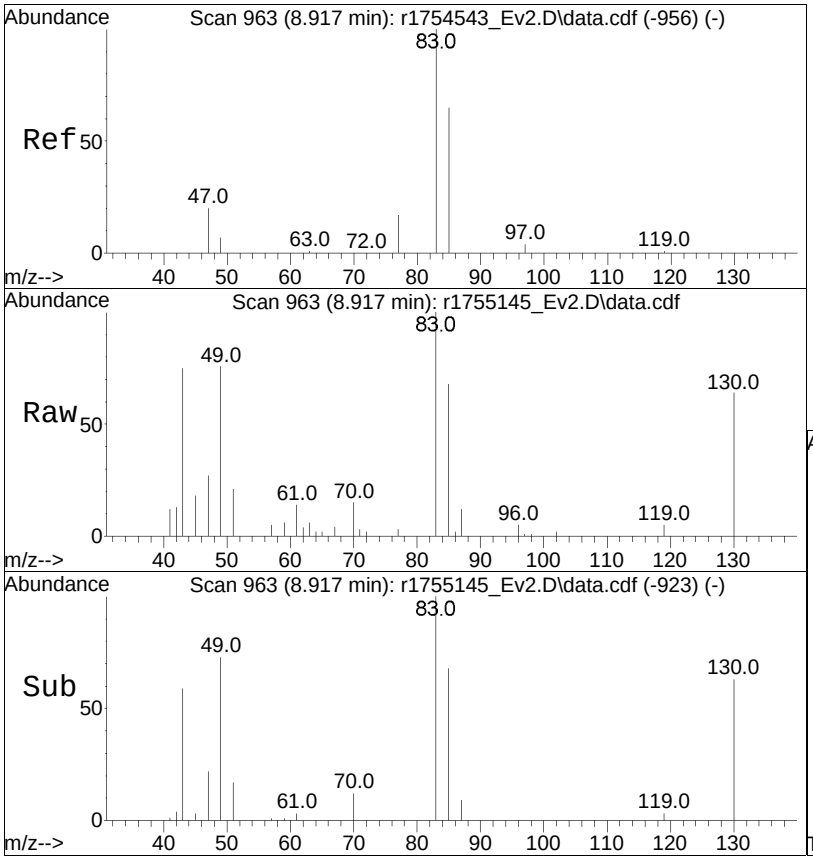


#28
2-butanone
Concen: 0.22 ppbV
RT: 8.100 min Scan# 867
Delta R.T. 0.017 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 43 Resp: 8018

Ion	Ratio	Lower	Upper
43	100		
72	26.9	20.7	31.1
57	8.8	6.9	10.3

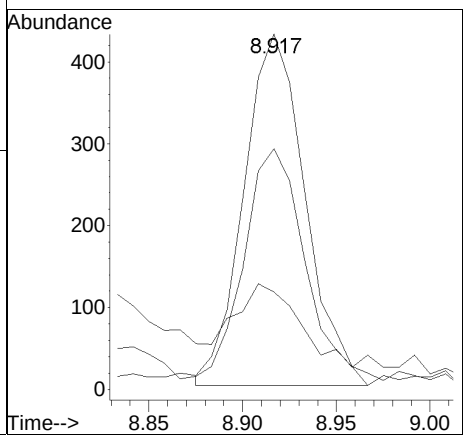


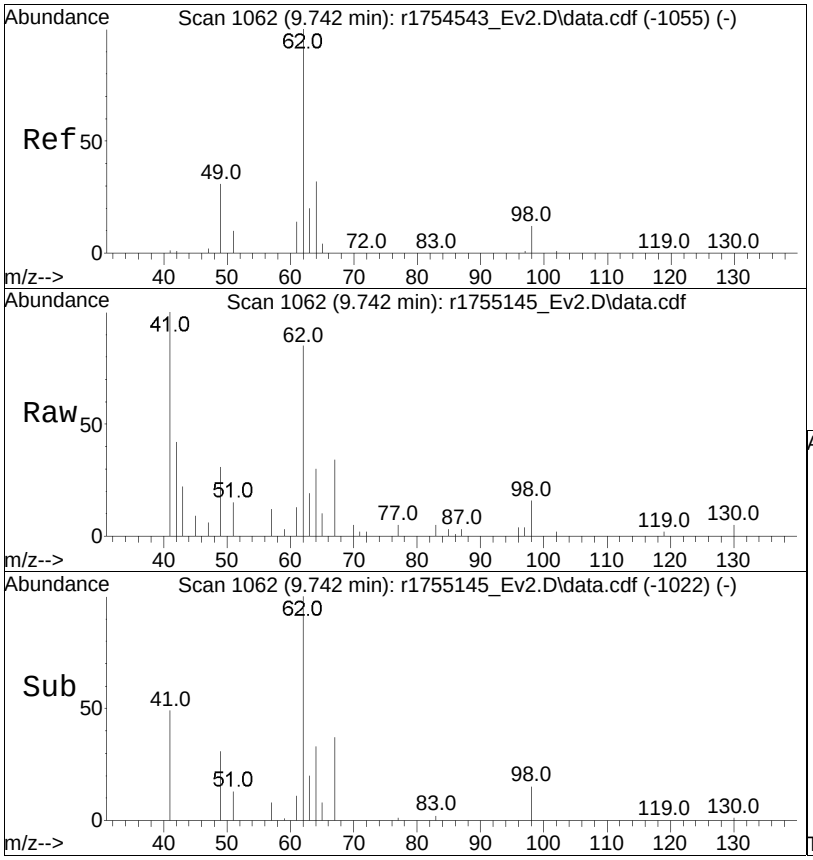


#31
chloroform
Concen: 0.03 ppbV
RT: 8.917 min Scan# 963
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 83 Resp: 977

Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.3	78.5
47	27.4	16.5	24.7#

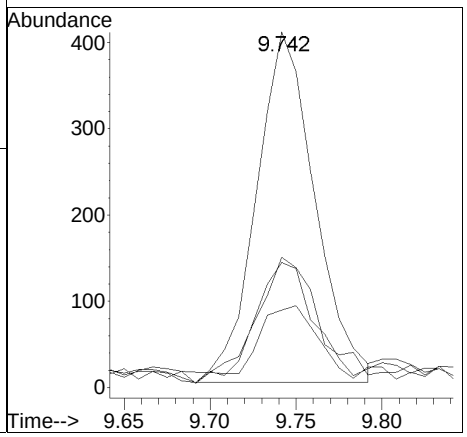


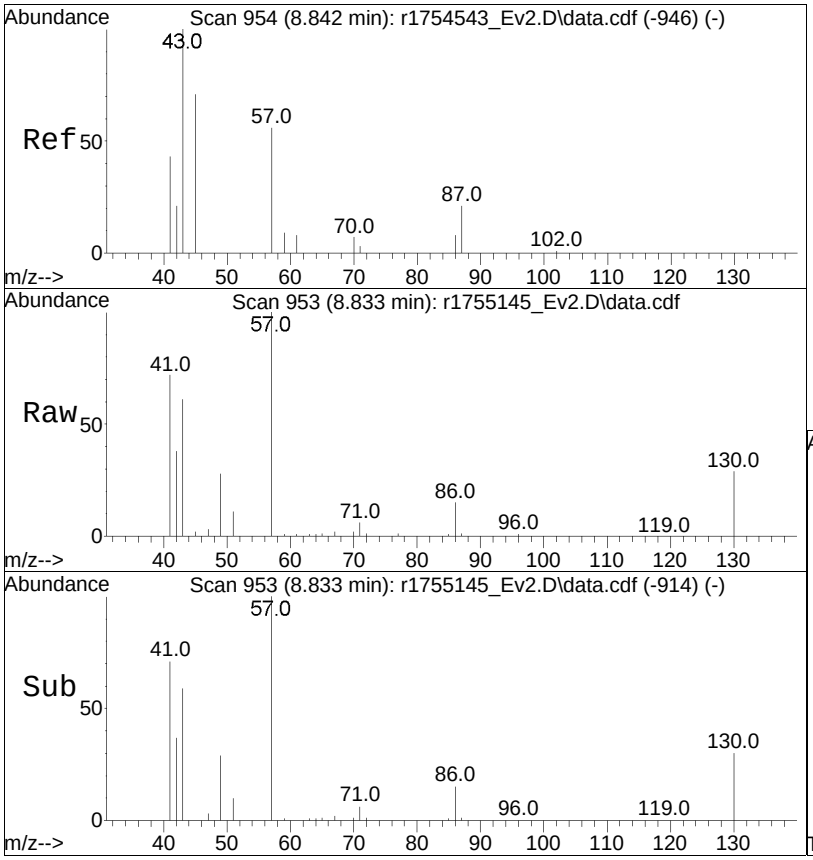


#33
1,2-dichloroethane
Concen: 0.04 ppbV
RT: 9.742 min Scan# 1062
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 62 Resp: 965

Ion	Ratio	Lower	Upper
62	100		
64	35.2	25.4	38.2
49	36.7	24.6	37.0
63	21.8	15.9	23.9

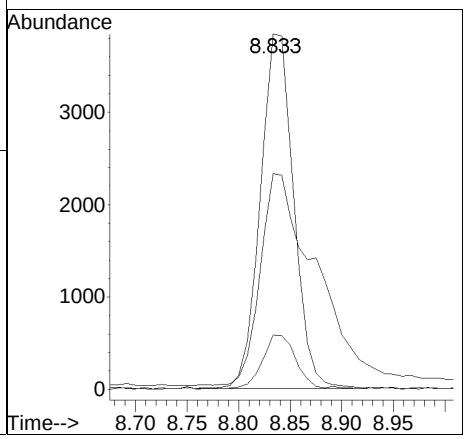


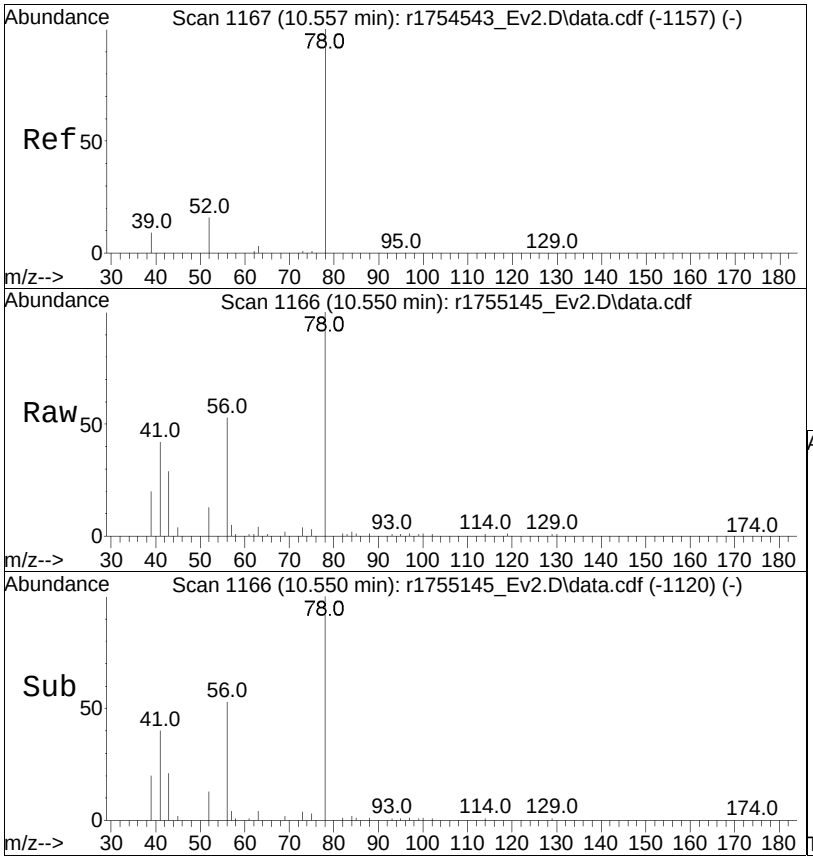


#35
hexane
Concen: 0.22 ppbV
RT: 8.833 min Scan# 953
Delta R.T. -0.008 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 57 Resp: 8610

Ion	Ratio	Lower	Upper
57	100		
43	60.7	143.4	215.2#
86	15.3	11.9	17.9

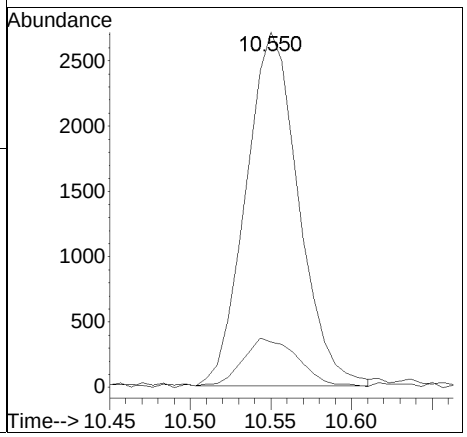


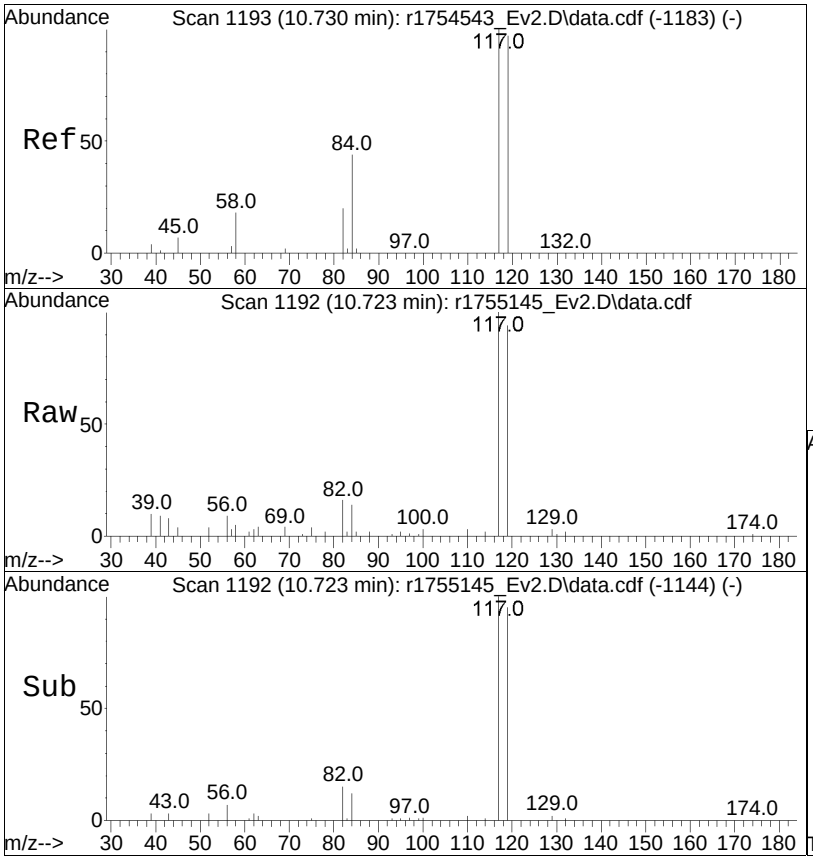


#38
benzene
Concen: 0.08 ppbV
RT: 10.550 min Scan# 1166
Delta R.T. -0.007 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 78 Resp: 6177

Ion	Ratio	Lower	Upper
78	100		
52	12.8	12.7	19.1

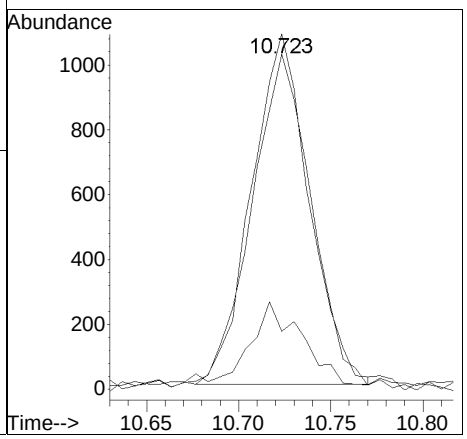


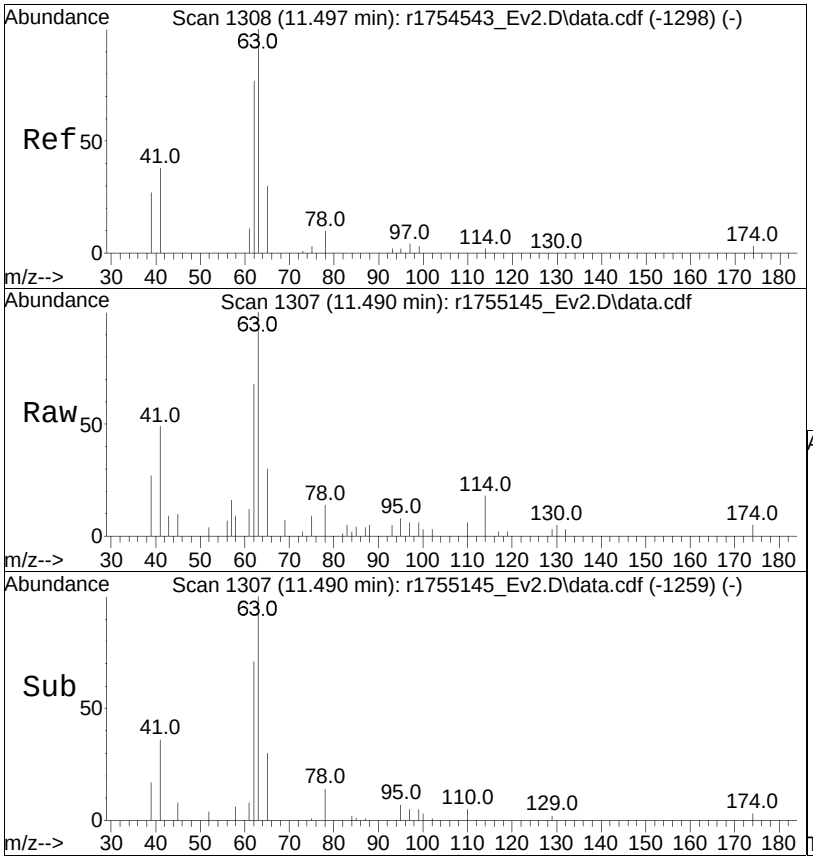


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.723 min Scan# 1192
Delta R.T. -0.007 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:117 Resp: 2340

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.3	115.9
82	16.3	16.2	24.2

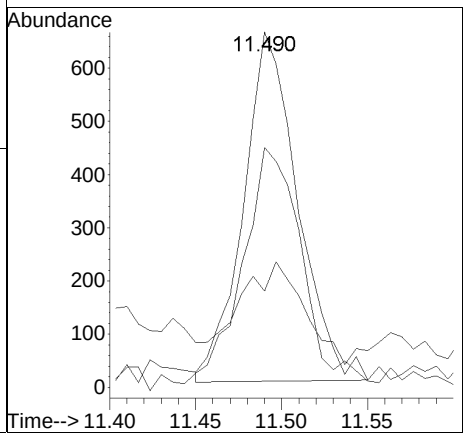


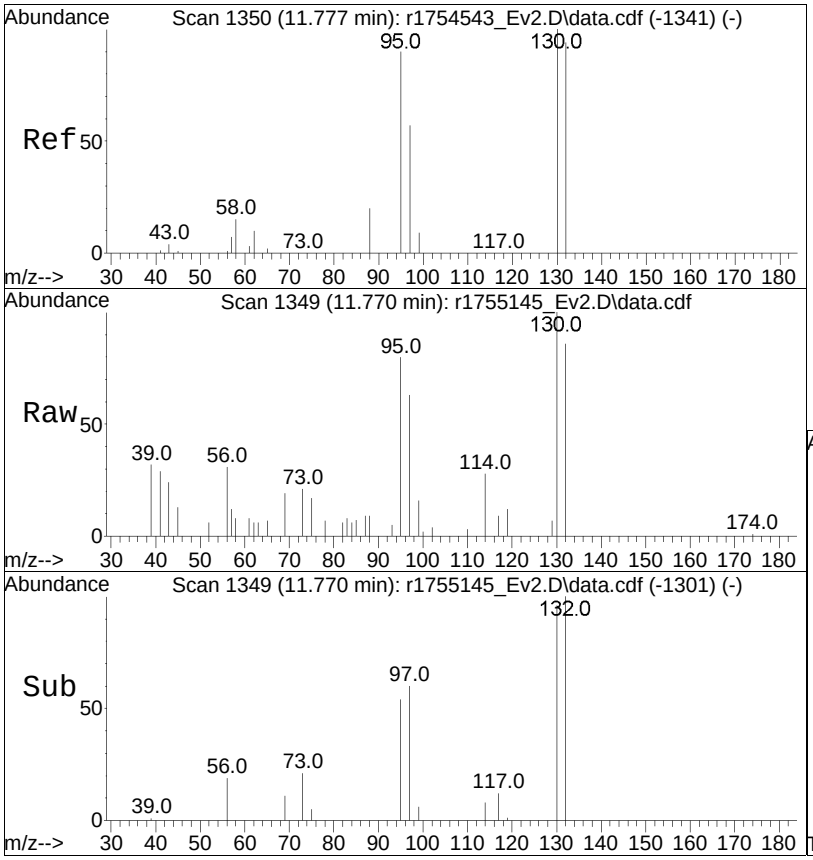


#42
1,2-dichloropropane
Concen: 0.05 ppbV
RT: 11.490 min Scan# 1307
Delta R.T. -0.007 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 63 Resp: 1446

Ion	Ratio	Lower	Upper
63	100		
62	67.5	61.5	92.3
39	27.1	22.2	33.2

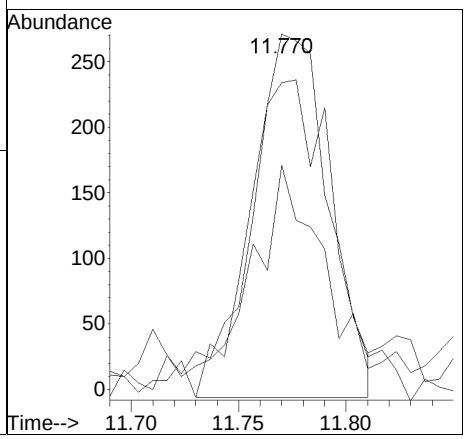


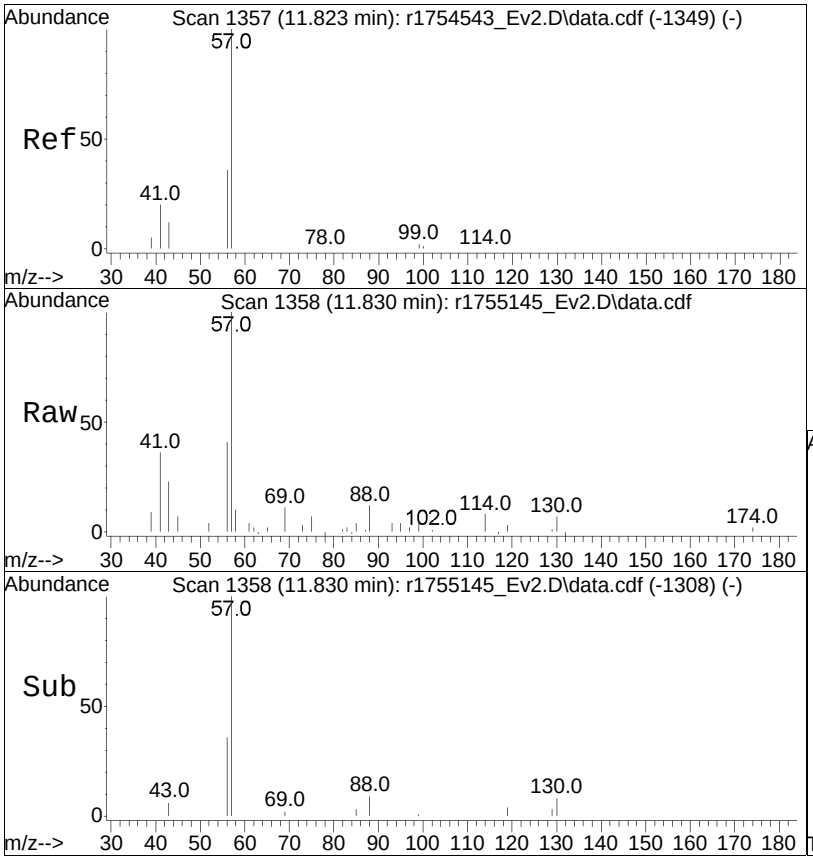


#45
trichloroethene
Concen: 0.02 ppbV
RT: 11.770 min Scan# 1349
Delta R.T. -0.007 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:130 Resp: 687

Ion	Ratio	Lower	Upper
130	100		
132	86.3	75.0	112.4
97	63.1	45.4	68.2

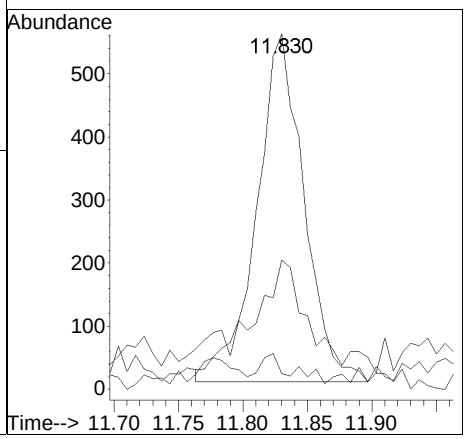


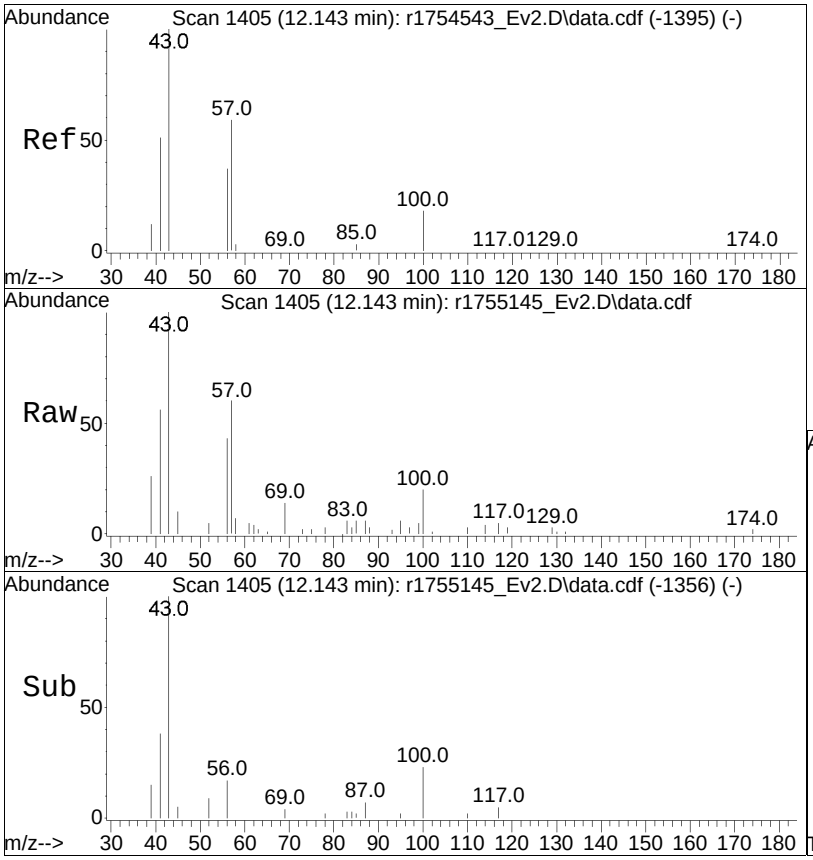


#46
2,2,4-trimethylpentane
Concen: 0.01 ppbV
RT: 11.830 min Scan# 1358
Delta R.T. 0.007 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 57 Resp: 1409

Ion	Ratio	Lower	Upper
57	100		
99	4.4	4.0	6.0
41	36.4	16.2	24.2#

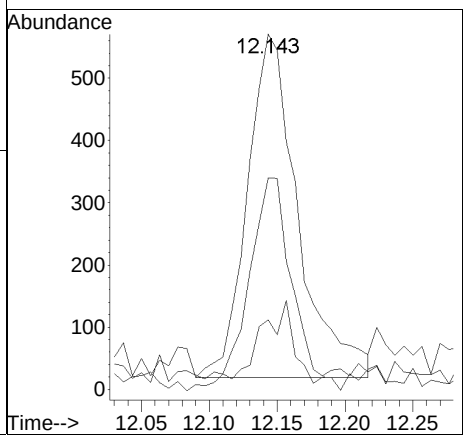


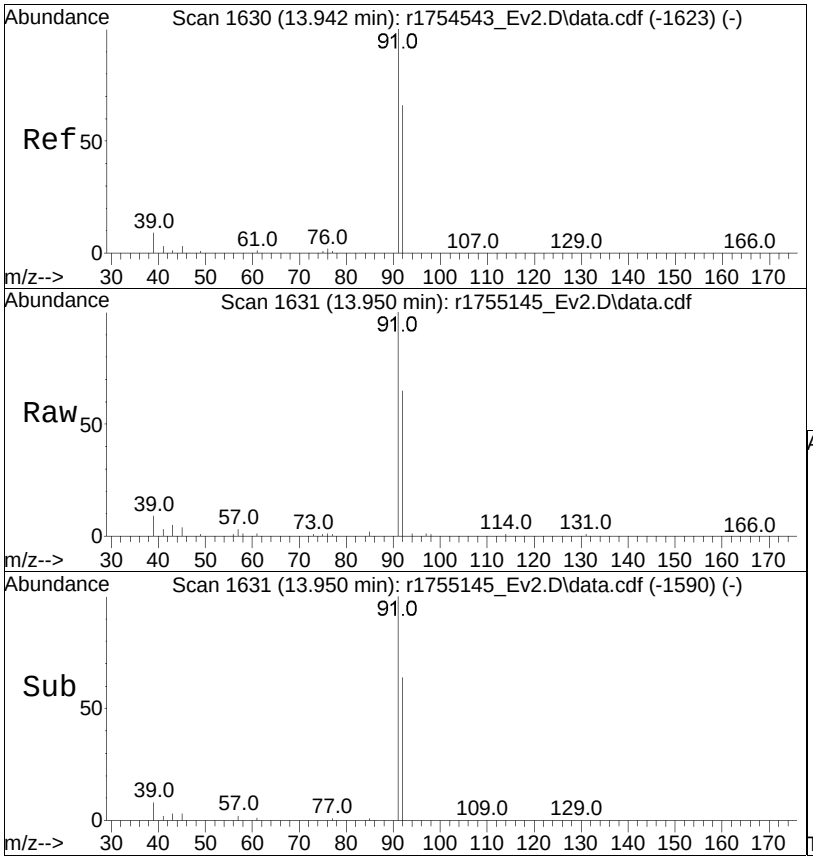


#47
heptane
Concen: 0.04 ppbV
RT: 12.143 min Scan# 1405
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 43 Resp: 1437

Ion	Ratio	Lower	Upper
43	100		
57	59.5	47.2	70.8
100	19.6	14.9	22.3

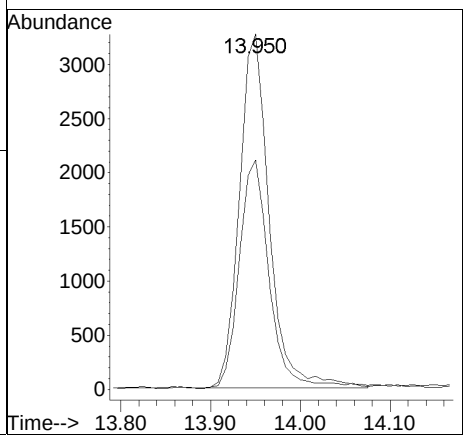


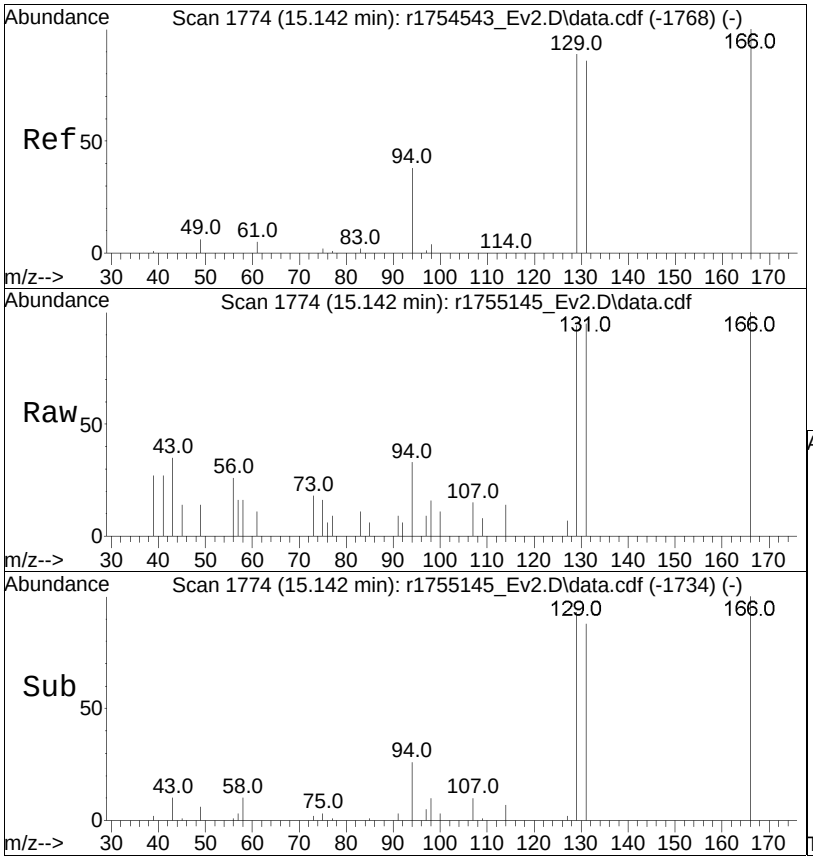


#53
toluene
Concen: 0.09 ppbV
RT: 13.950 min Scan# 1631
Delta R.T. 0.008 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 91 Resp: 7609

Ion	Ratio	Lower	Upper
91	100		
92	64.6	52.6	78.8

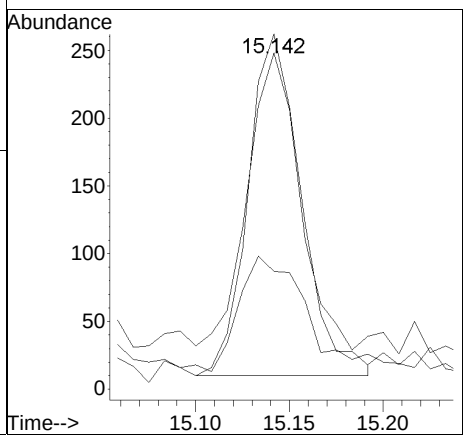


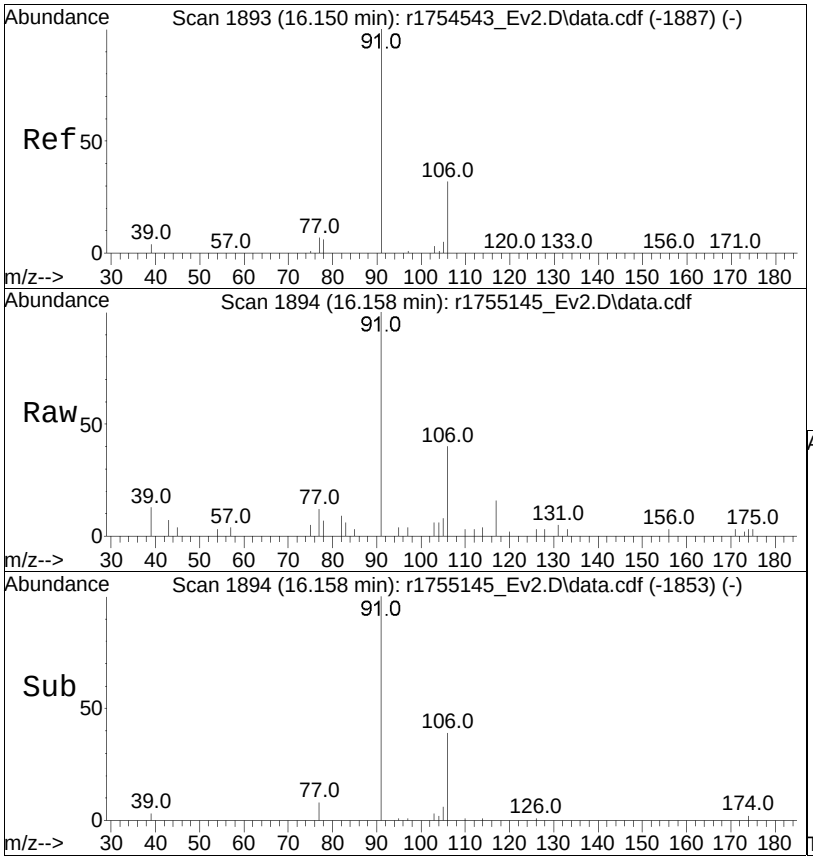


#58
tetrachloroethene
Concen: 0.02 ppbV
RT: 15.142 min Scan# 1774
Delta R.T. 0.000 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:166 Resp: 499

Ion	Ratio	Lower	Upper
166	100		
131	94.7	69.1	103.7
94	33.2	30.7	46.1

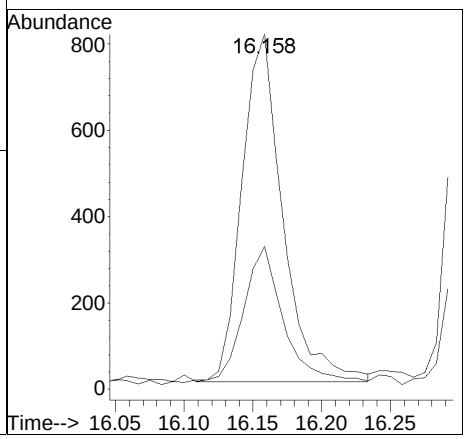


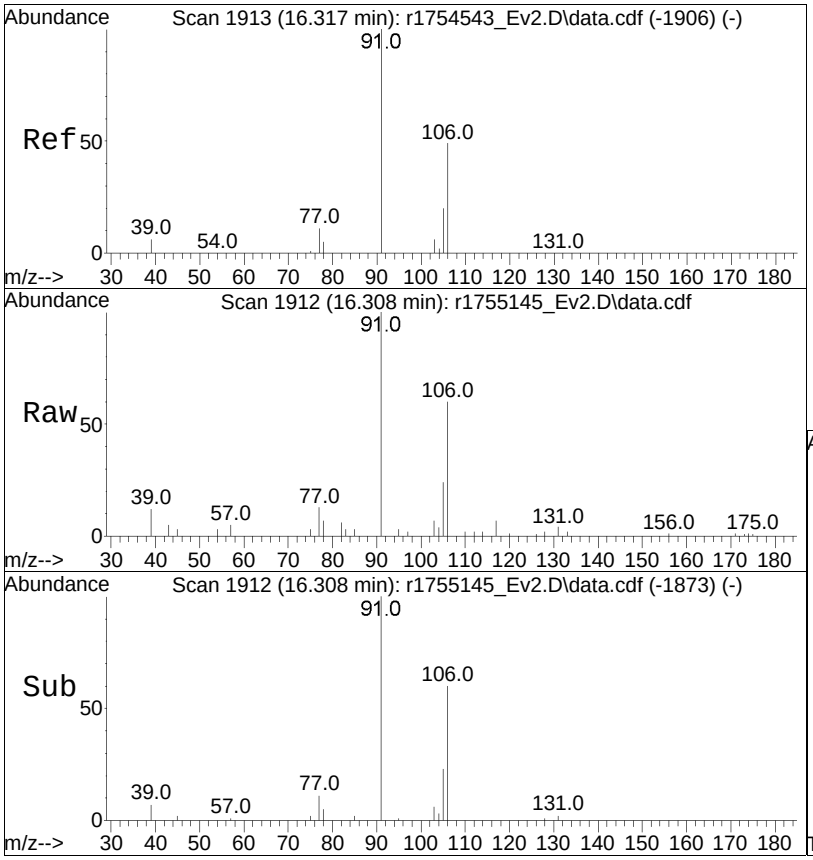


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 91 Resp: 1667

Ion	Ratio	Lower	Upper
91	100		
106	40.2	25.8	38.6#

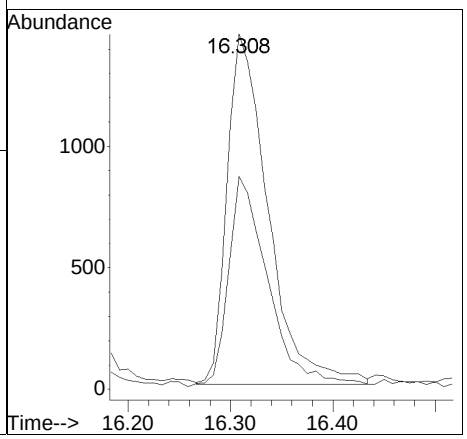


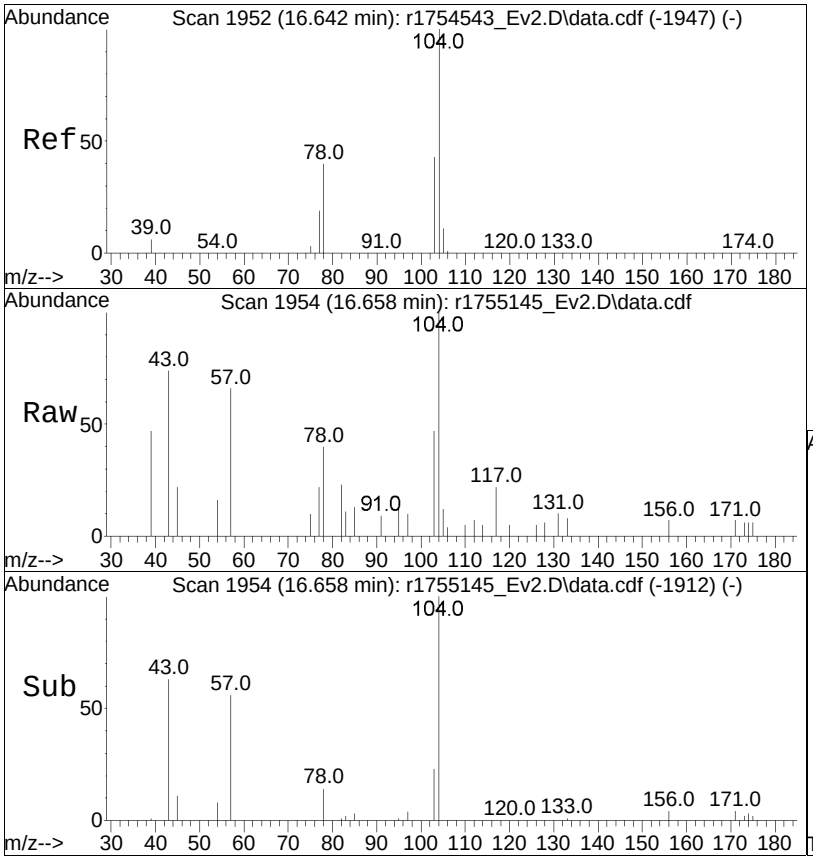


#62
m+p-xylene
Concen: 0.05 ppbV m
RT: 16.308 min Scan# 1912
Delta R.T. -0.008 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 91 Resp: 4026

Ion	Ratio	Lower	Upper
91	100		
106	59.9	39.4	59.0#

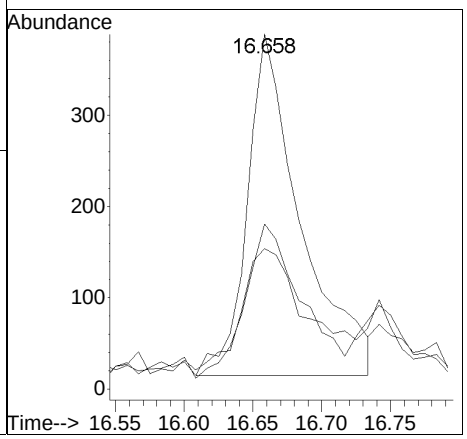


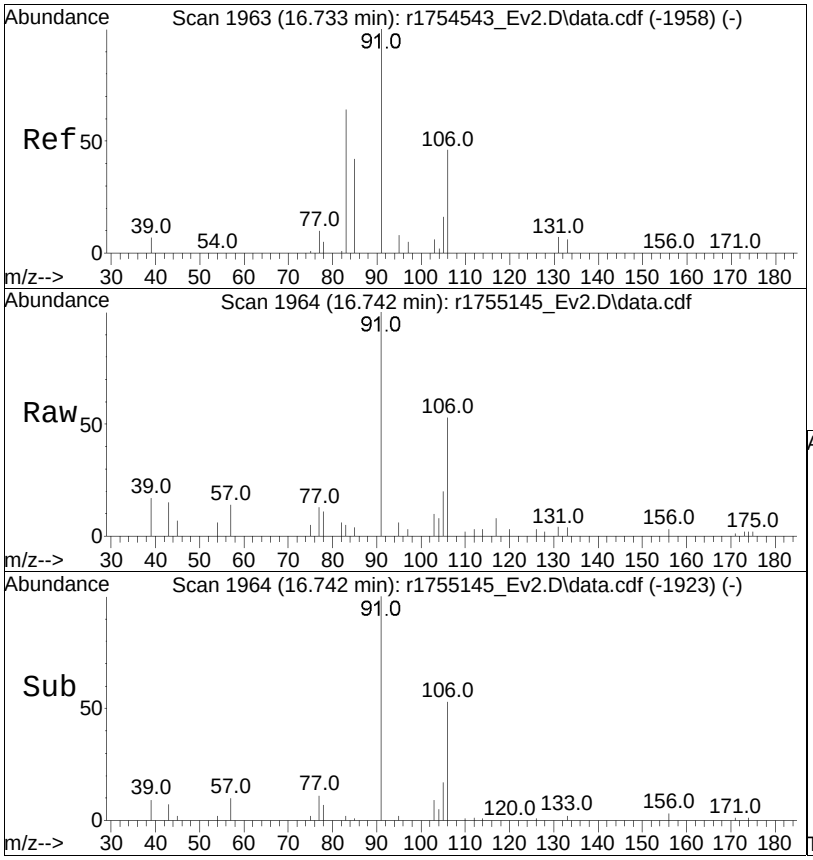


#64
styrene
Concen: 0.02 ppbV
RT: 16.658 min Scan# 1954
Delta R.T. 0.017 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:104 Resp: 1015

Ion	Ratio	Lower	Upper
104	100		
103	46.5	34.8	52.2
78	39.6	31.8	47.8

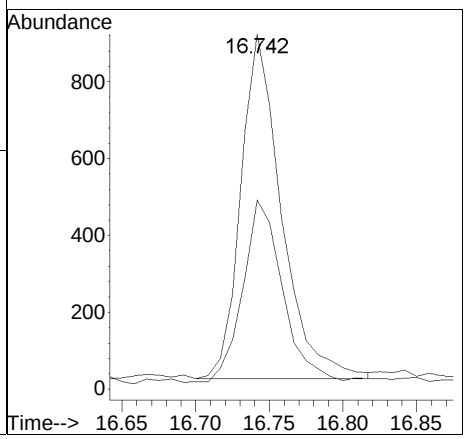


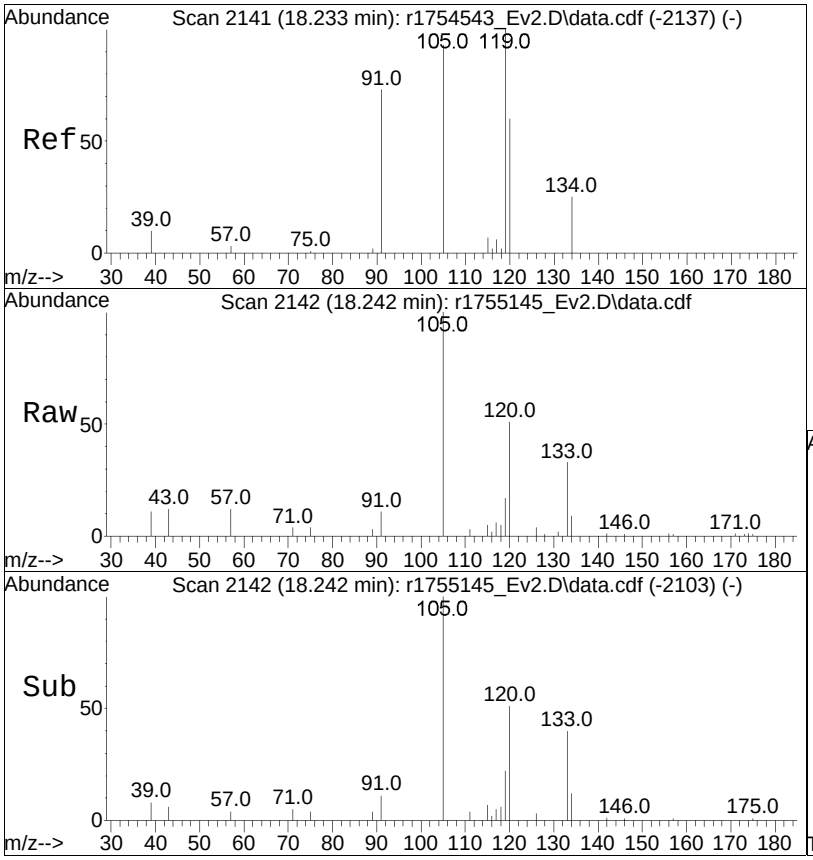


#66
o-xylene
Concen: 0.02 ppbV
RT: 16.742 min Scan# 1964
Delta R.T. 0.008 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion: 91 Resp: 1720

Ion	Ratio	Lower	Upper
91	100		
106	53.2	37.0	55.4

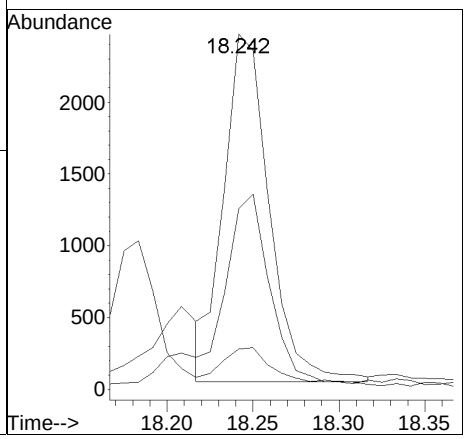


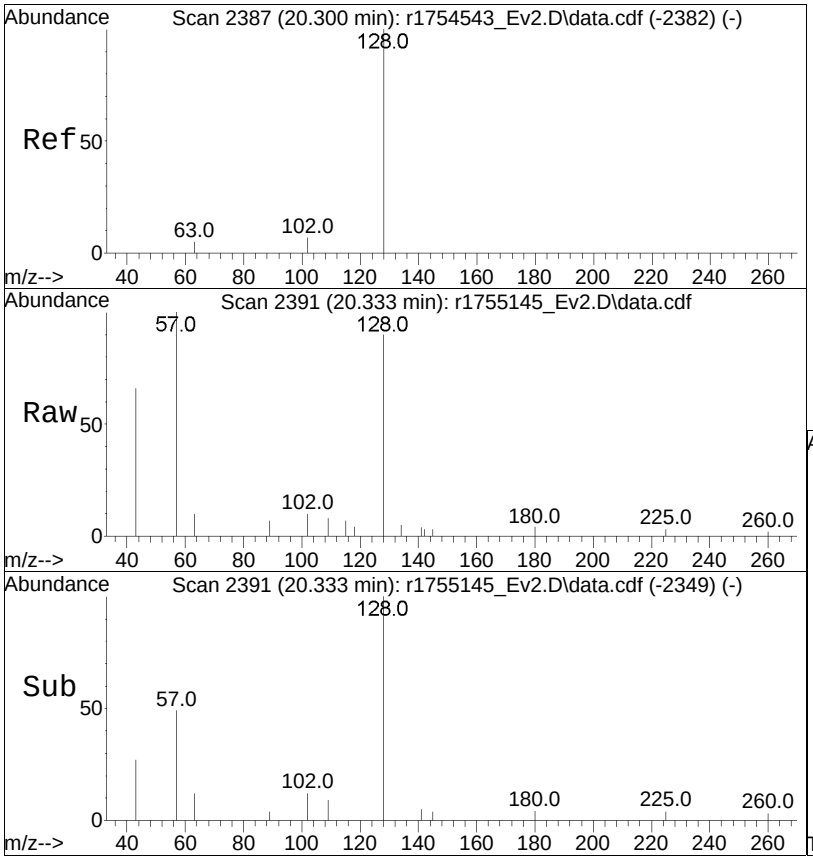


#74
1,2,4-trimethylbenzene
Concen: 0.05 ppbV
RT: 18.242 min Scan# 2142
Delta R.T. 0.008 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:105 Resp: 4460

Ion	Ratio	Lower	Upper
105	100		
120	50.8	51.8	77.8#
91	11.4	63.4	95.2#

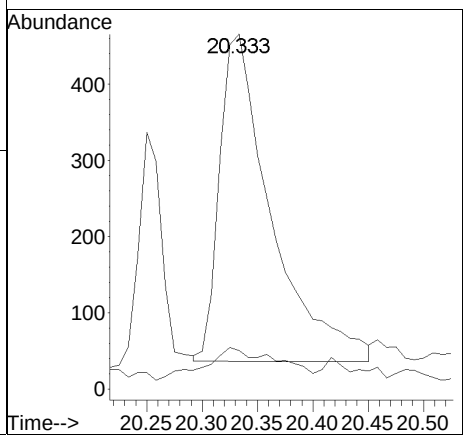




#85
naphthalene
Concen: 0.01 ppbV m
RT: 20.333 min Scan# 2391
Delta R.T. 0.033 min
Lab File: r1755145_Ev2.D
Acq: 28 Mar 2026 8:19 AM

Tgt Ion:128 Resp: 1396

Ion	Ratio	Lower	Upper
128	100		
102	10.9	5.7	8.5#

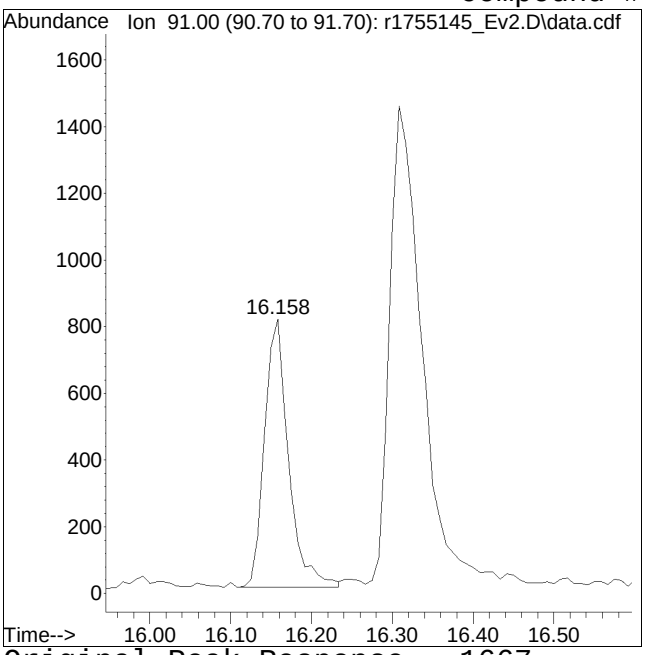


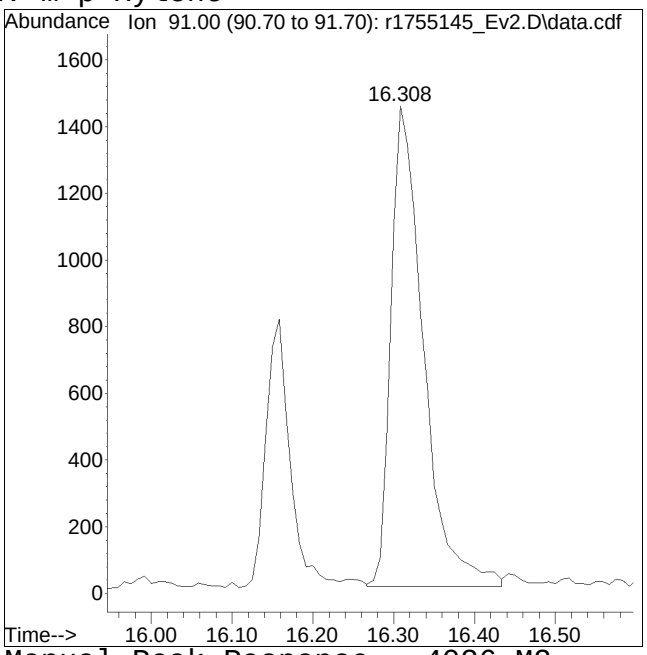
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1755145_Ev2.D
Date Inj'd : 3/28/2026 8:19 AM
Sample : L2612589-13,3,250,250

Method : TSIM17_260305.M
Operator : AIRLAB17:SL
Instrument :
Quant Date : 3/28/2026 12:38 pm

Compound #62: m+p-xylene





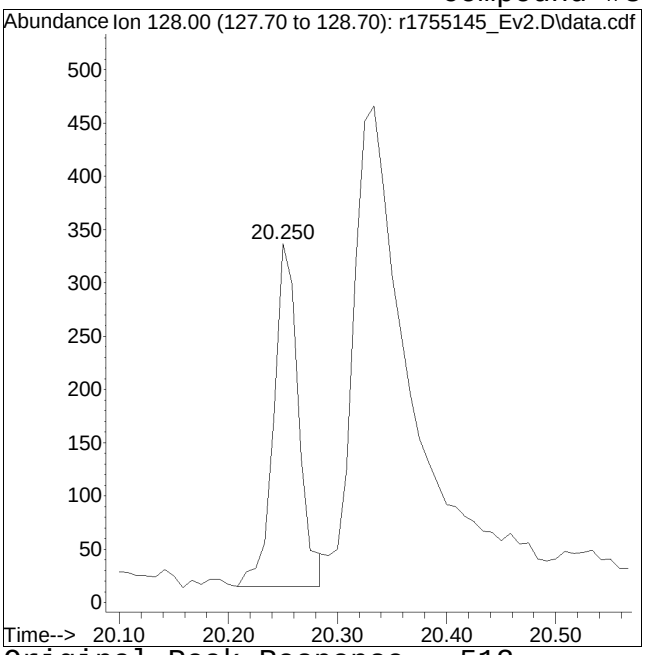
Original Peak Response = 1667 Manual Peak Response = 4026 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

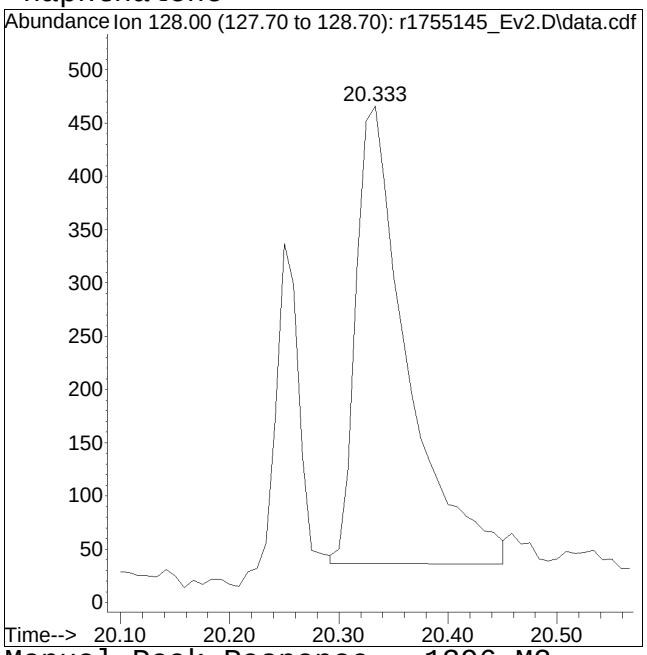
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1755145_Ev2.D
Date Inj'd : 3/28/2026 8:19 AM
Sample : L2612589-13,3,250,250

Method : TSIM17_260305.M
Operator : AIRLAB17:SL
Instrument :
Quant Date : 3/28/2026 12:38 pm

Compound #85: naphthalene



Original Peak Response = 512



Manual Peak Response = 1396 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755146_Ev2.D
Acq On : 28 Mar 2026 8:57 AM
Operator : AIRLAB17:SL
Sample : L2612589-15,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:46 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.750	49	238337	10.000	ppbV	-0.02
Standard Area = 255556			Recovery =		93.26%	
34) 1,4-difluorobenzene	10.970	114	828133	10.000	ppbV	-0.01
Standard Area = 912824			Recovery =		90.72%	
52) chlorobenzene-D5	15.742	54	104965	10.000	ppbV	0.00
Standard Area = 110427			Recovery =		95.05%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.832	85	31081	0.857	ppbV	100
5) chloromethane	3.988	50	8765	0.511	ppbV	98
6) Freon-114	4.090	85	783	0.018	ppbV	92
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	4.600		0	N.D.		
10) chloroethane	0.000		0	N.D.	d	
11) ethanol	4.900	31	763389	44.498	ppbV #	83
15) trichlorofluoromethane	5.583	101	8950	0.241	ppbV	97
18) 1,1-dichloroethene	6.204		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.	d	
20) methylene chloride	6.396	49	3058	0.152	ppbV	95
23) Freon 113	6.696	101	3301	0.081	ppbV	96
24) trans-1,2-dichloroethene	0.000		0	N.D.		
25) 1,1-dichloroethane	7.650		0	N.D.		
26) MTBE	0.000		0	N.D.	d	
28) 2-butanone	8.092	43	8414	0.239	ppbV	97
29) cis-1,2-dichloroethene	8.575		0	N.D.		
31) chloroform	8.908	83	1267	0.035	ppbV #	87
33) 1,2-dichloroethane	9.733	62	1134	0.048	ppbV #	91
35) hexane	8.833	57	4280	0.113	ppbV #	22
37) 1,1,1-trichloroethane	10.017		0	N.D.		
38) benzene	10.543	78	5846	0.081	ppbV	99
39) carbon tetrachloride	10.717	117	2500	0.079	ppbV #	94
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.490	63	911	0.030	ppbV #	83
43) bromodichloromethane	11.710		0	N.D.		
44) 1,4-dioxane	11.797		0	N.D.		
45) trichloroethene	11.770		0	N.D.		

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755146_Ev2.D
Acq On : 28 Mar 2026 8:57 AM
Operator : AIRLAB17:SL
Sample : L2612589-15,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:46 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

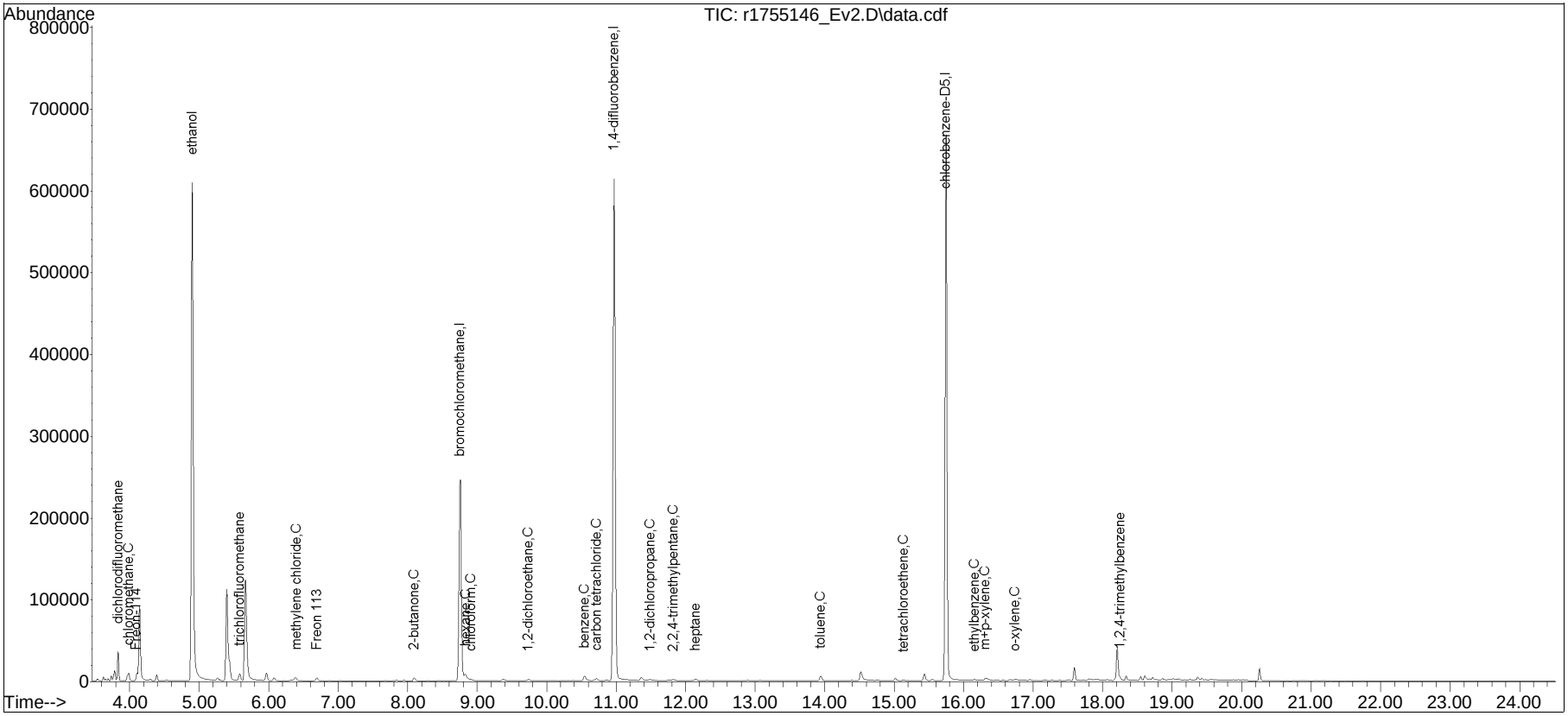
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	11.823	57	1186	0.010	ppbV #	83
47) heptane	12.143	43	1267	0.032	ppbV	94
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	12.900		0	N.D.		
50) trans-1,3-dichloropropene	13.550		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.942	91	7153	0.087	ppbV	97
56) dibromochloromethane	14.408		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.133	166	471	0.015	ppbV	94
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	1579	0.015	ppbV	94
62) m+p-xylene	16.308	91	3807	0.047	ppbV	91
63) bromoform	16.242		0	N.D.		
64) styrene	0.000		0	N.D.	d	
65) 1,1,2,2-tetrachloroethane	16.783		0	N.D.		
66) o-xylene	16.742	91	1590	0.019	ppbV	95
72) 1,3,5-trimethylbenzene	0.000		0	N.D.	d	
74) 1,2,4-trimethylbenzene	18.250	105	2616	0.032	ppbV #	52
75) Benzyl Chloride	18.433		0	N.D.		
76) 1,3-dichlorobenzene	18.392		0	N.D.		
77) 1,4-dichlorobenzene	18.450		0	N.D.		
81) 1,2-dichlorobenzene	18.733		0	N.D.		
84) 1,2,4-trichlorobenzene	0.000		0	N.D.		
85) naphthalene	20.342		0	N.D.		
87) hexachlorobutadiene	0.000		0	N.D.		

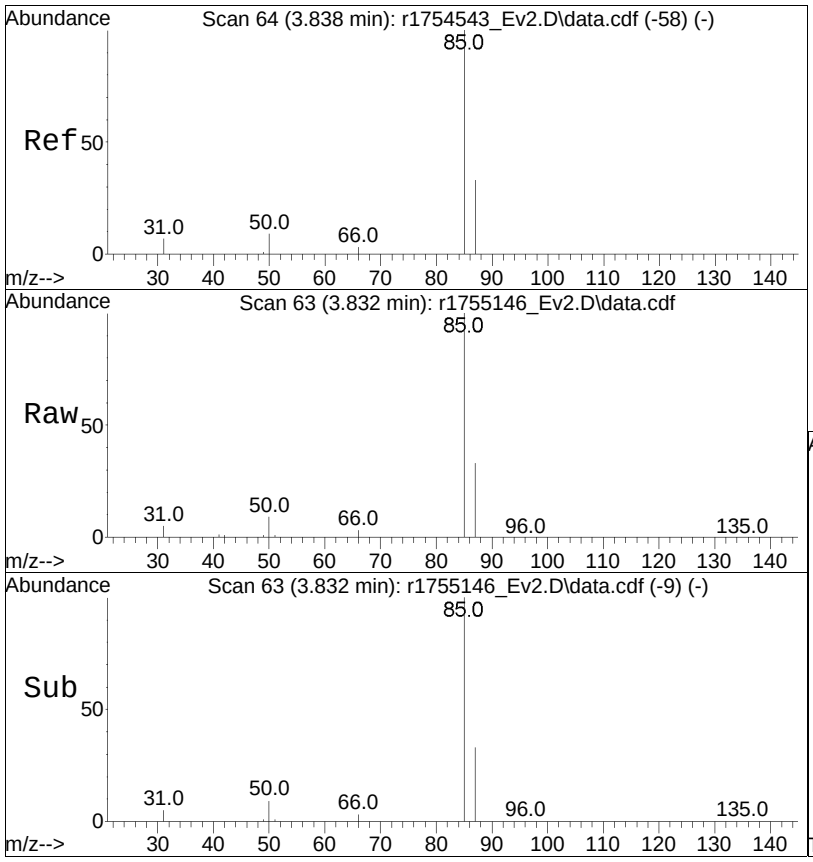
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755146_Ev2.D
Acq On : 28 Mar 2026 8:57 AM
Operator : AIRLAB17:SL
Sample : L2612589-15,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:46 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

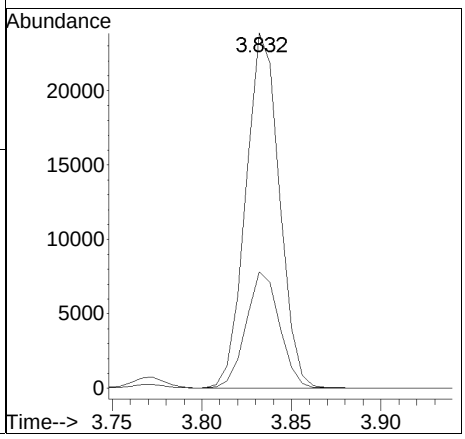


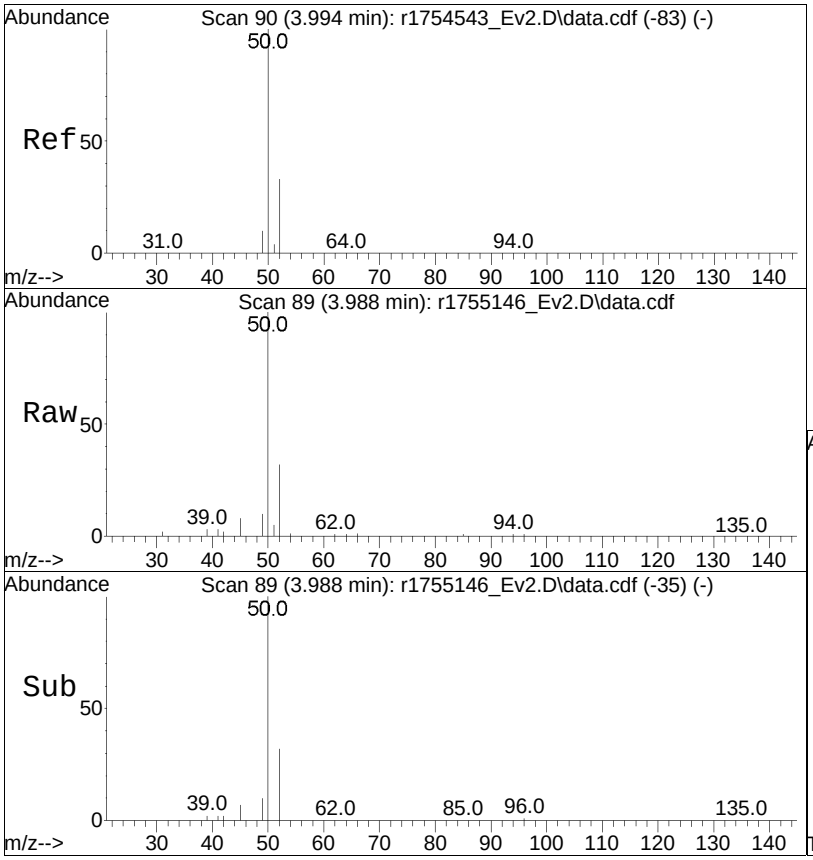


#4
dichlorodifluoromethane
Concen: 0.86 ppbV
RT: 3.832 min Scan# 63
Delta R.T. -0.006 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 85 Resp: 31081

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.4

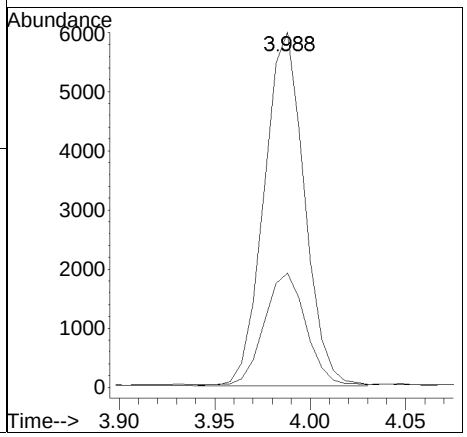


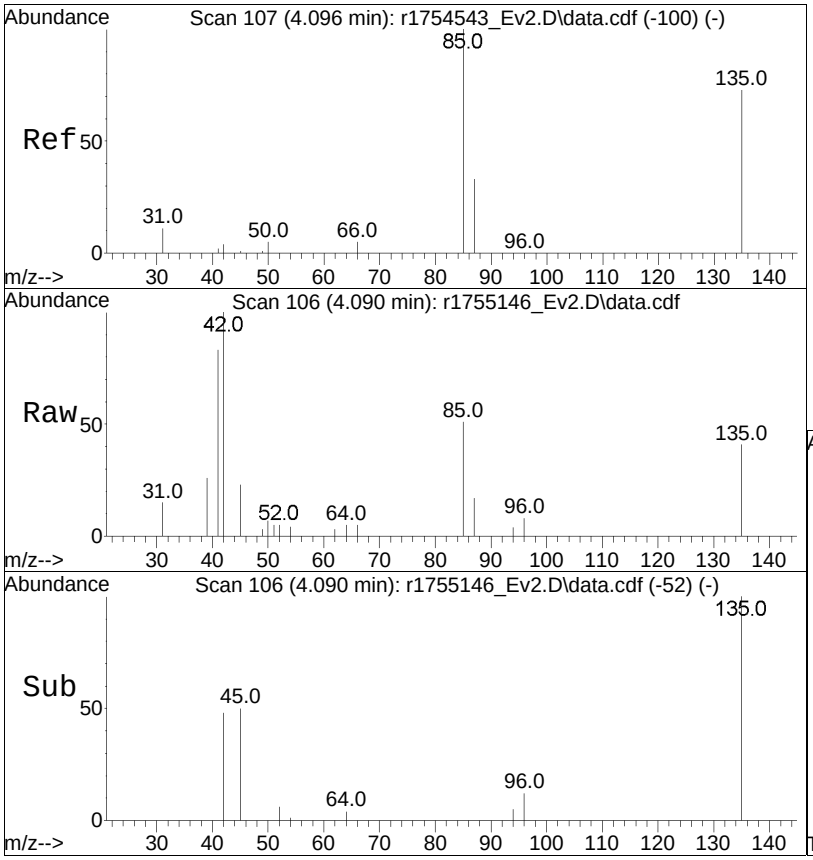


#5
chloromethane
Concen: 0.51 ppbV
RT: 3.988 min Scan# 89
Delta R.T. -0.006 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 50 Resp: 8765

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.6	39.8

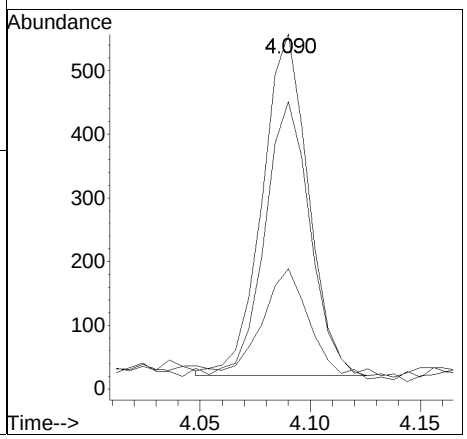


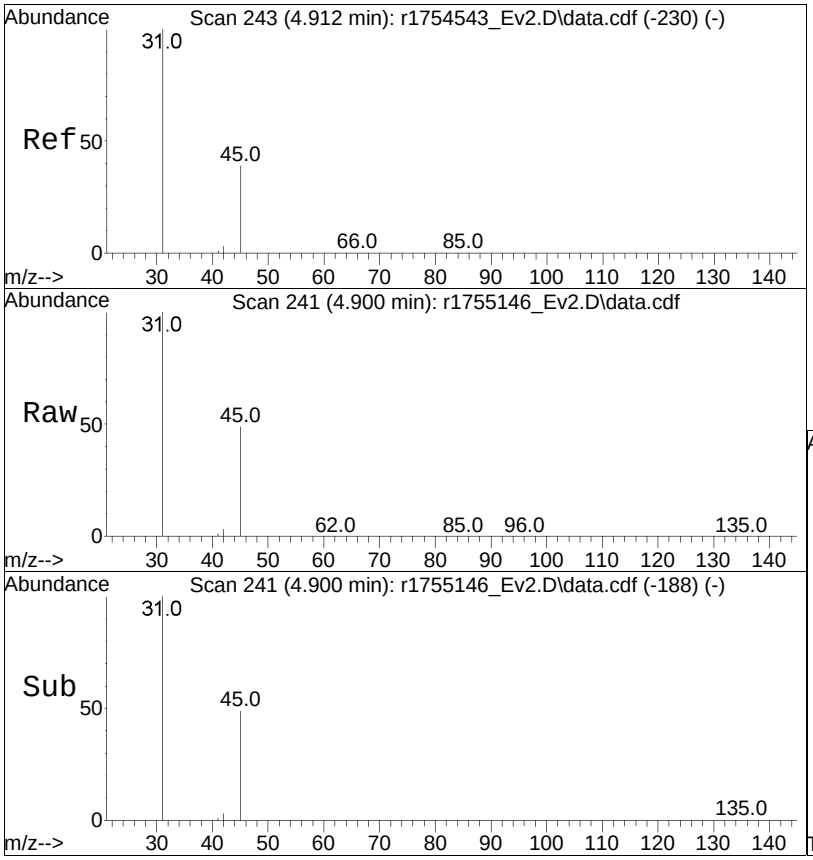


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.090 min Scan# 106
Delta R.T. -0.006 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 85 Resp: 783

Ion	Ratio	Lower	Upper
85	100		
87	33.9	26.2	39.4
135	81.0	58.1	87.1

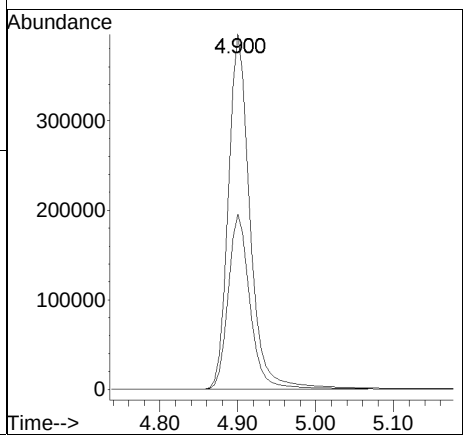


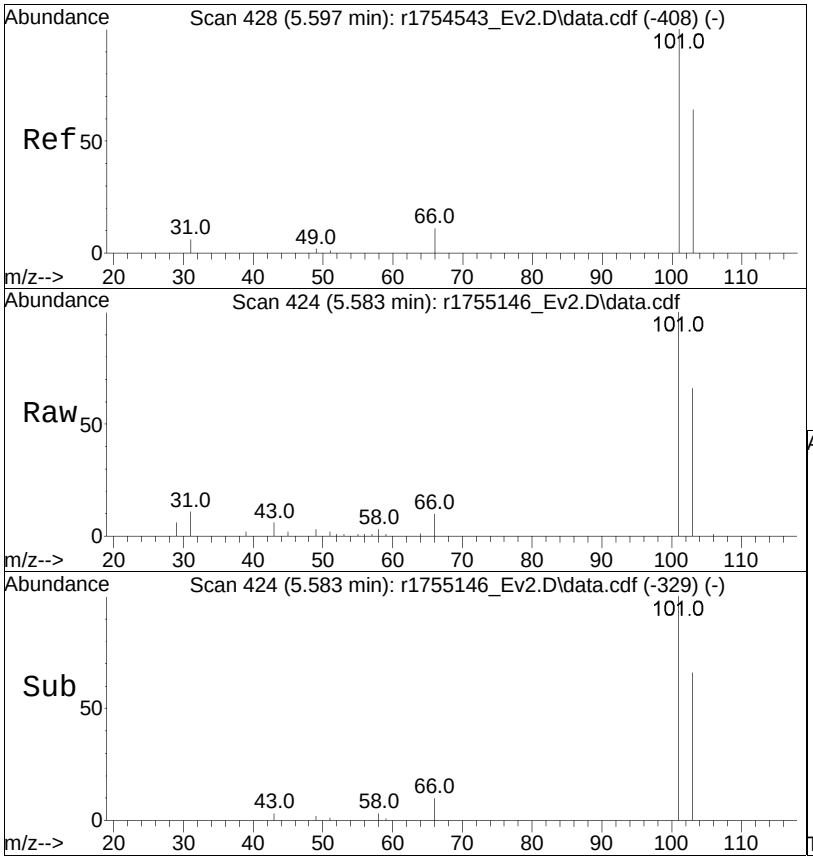


#11
ethanol
Concen: 44.50 ppbV
RT: 4.900 min Scan# 241
Delta R.T. -0.012 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 31 Resp: 763389

Ion	Ratio	Lower	Upper
31	100		
45	49.3	31.0	46.4#

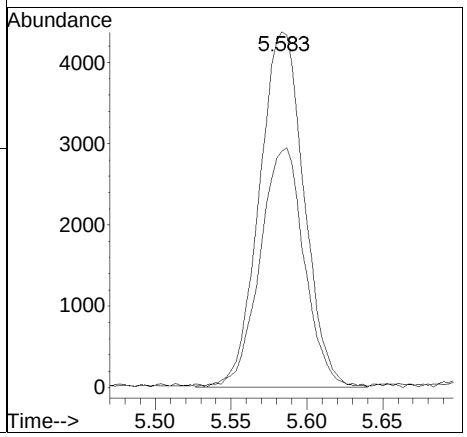


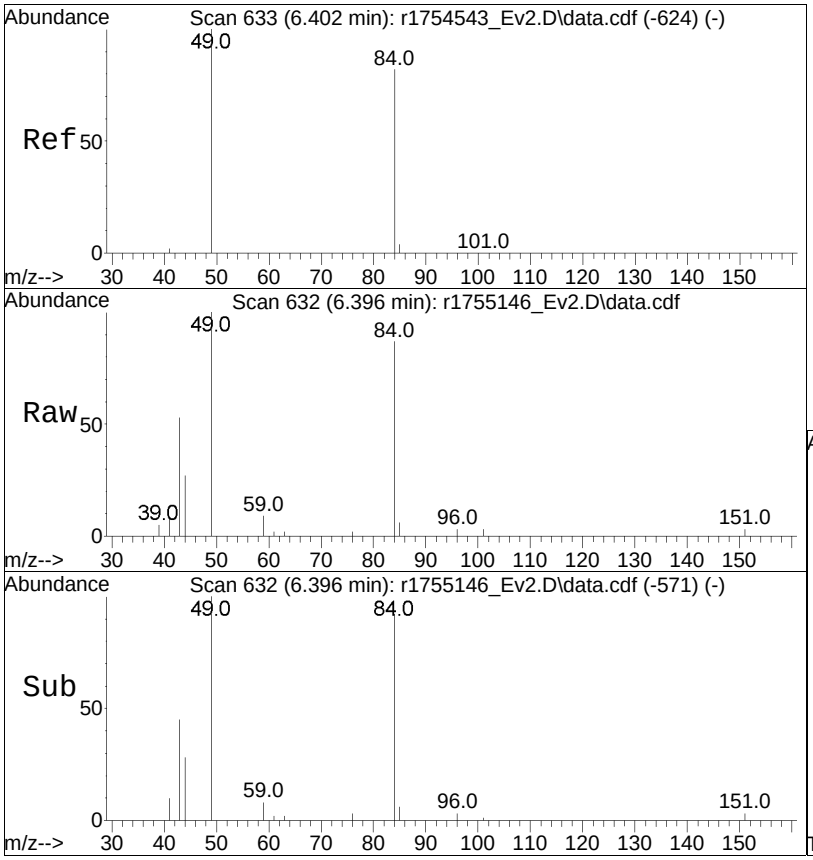


#15
trichlorofluoromethane
Concen: 0.24 ppbV
RT: 5.583 min Scan# 424
Delta R.T. -0.013 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion:101 Resp: 8950

Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.4	77.0

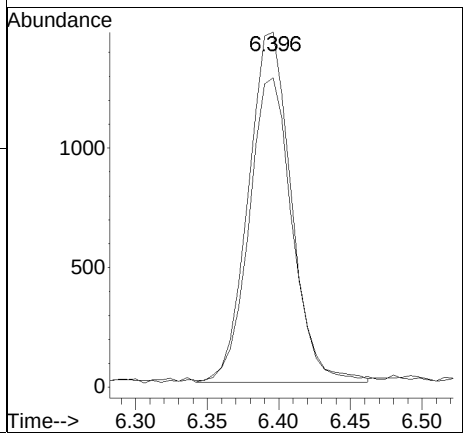


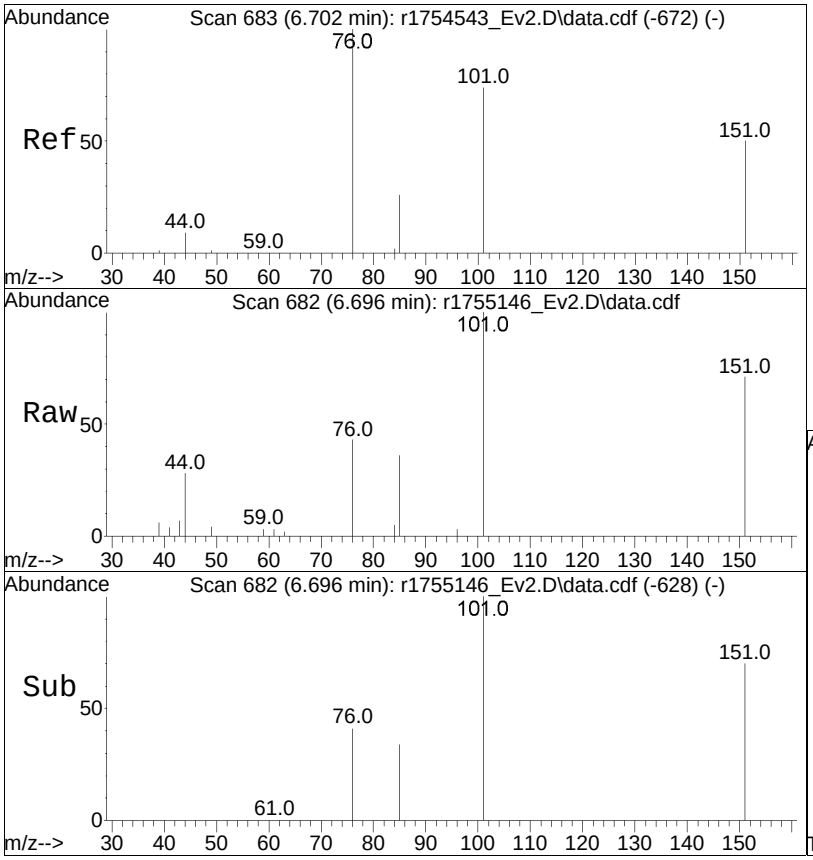


#20
methylene chloride
Concen: 0.15 ppbV
RT: 6.396 min Scan# 632
Delta R.T. -0.006 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 49 Resp: 3058

Ion	Ratio	Lower	Upper
49	100		
84	87.1	65.9	98.9

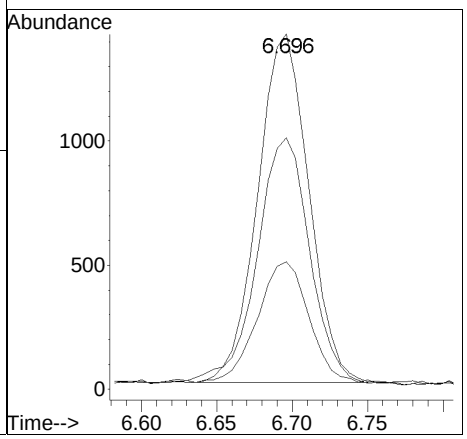


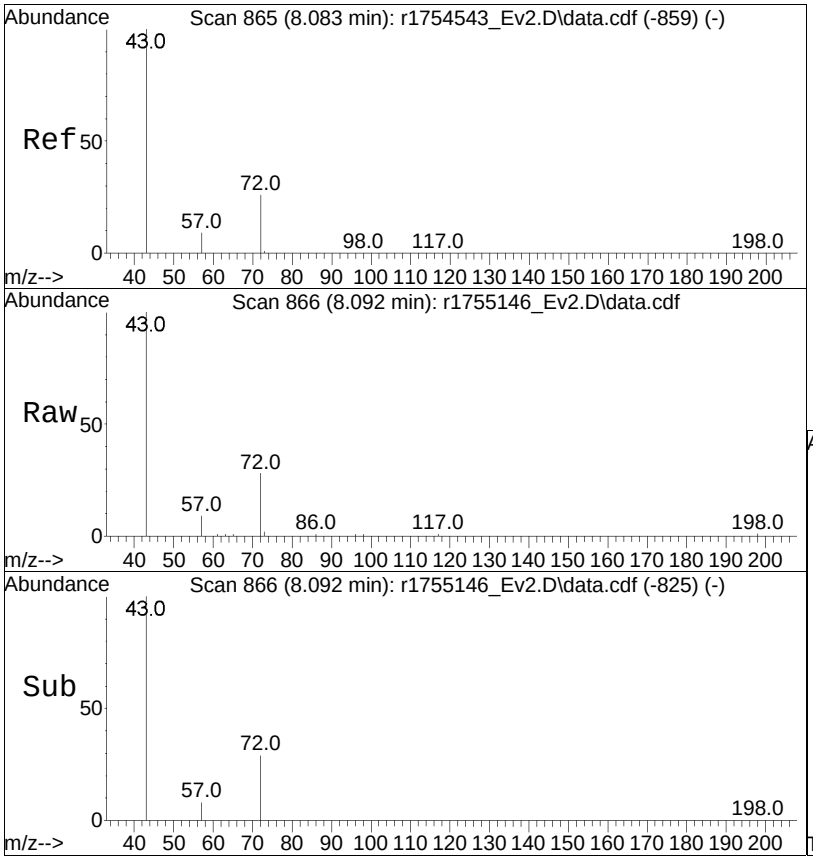


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.696 min Scan# 682
Delta R.T. -0.006 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion:101 Resp: 3301

Ion	Ratio	Lower	Upper
101	100		
85	35.9	27.5	41.3
151	70.8	53.4	80.0

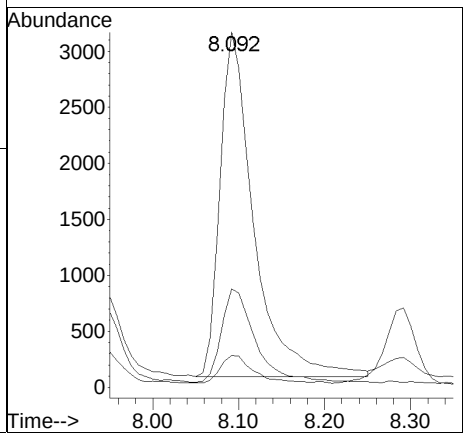


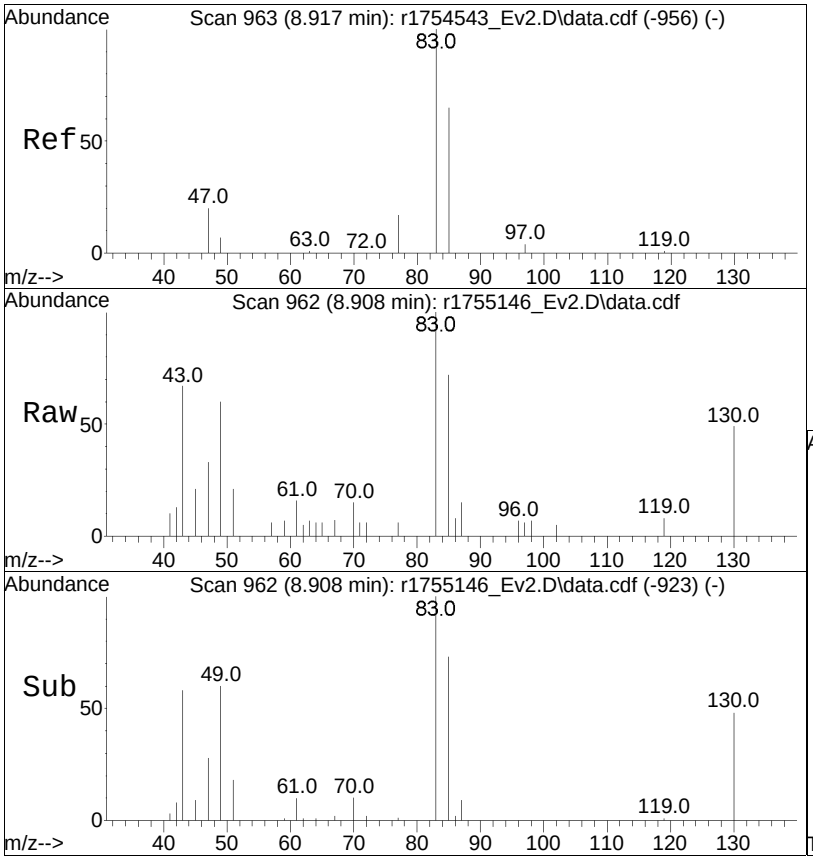


#28
2-butanone
Concen: 0.24 ppbV
RT: 8.092 min Scan# 866
Delta R.T. 0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 43 Resp: 8414

Ion	Ratio	Lower	Upper
43	100		
72	27.7	20.7	31.1
57	9.0	6.9	10.3

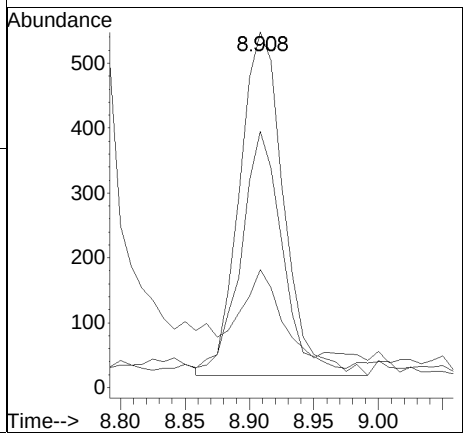


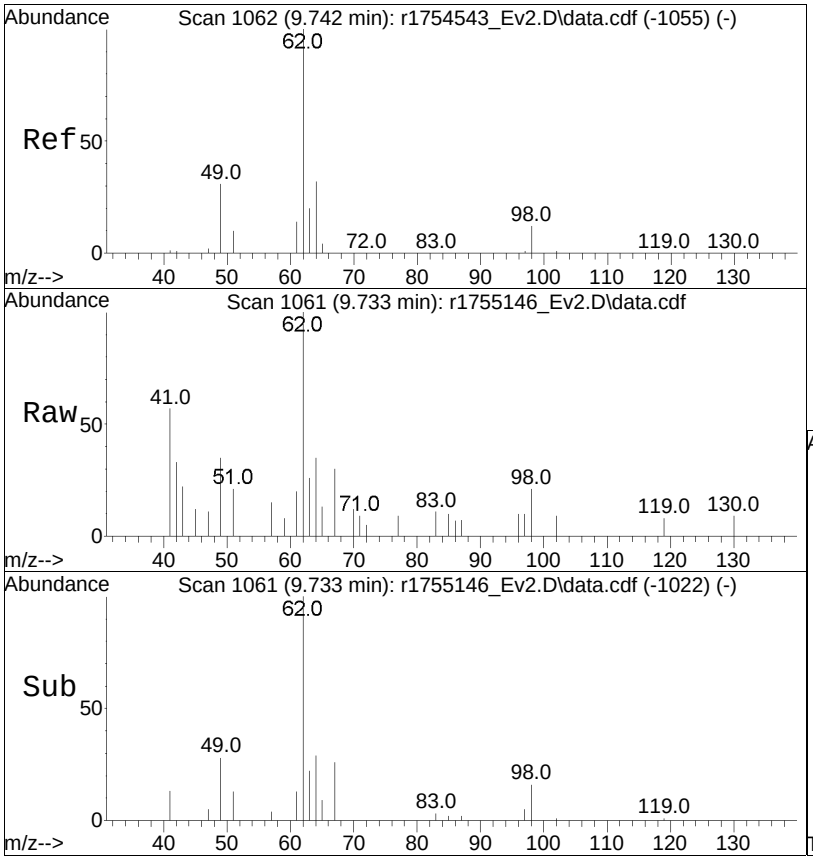


#31
chloroform
Concen: 0.04 ppbV
RT: 8.908 min Scan# 962
Delta R.T. -0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 83 Resp: 1267

Ion	Ratio	Lower	Upper
83	100		
85	72.1	52.3	78.5
47	33.2	16.5	24.7#

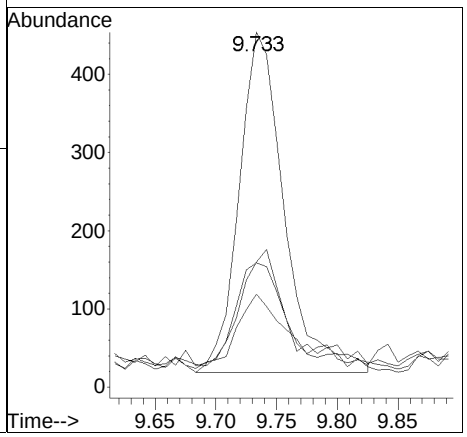


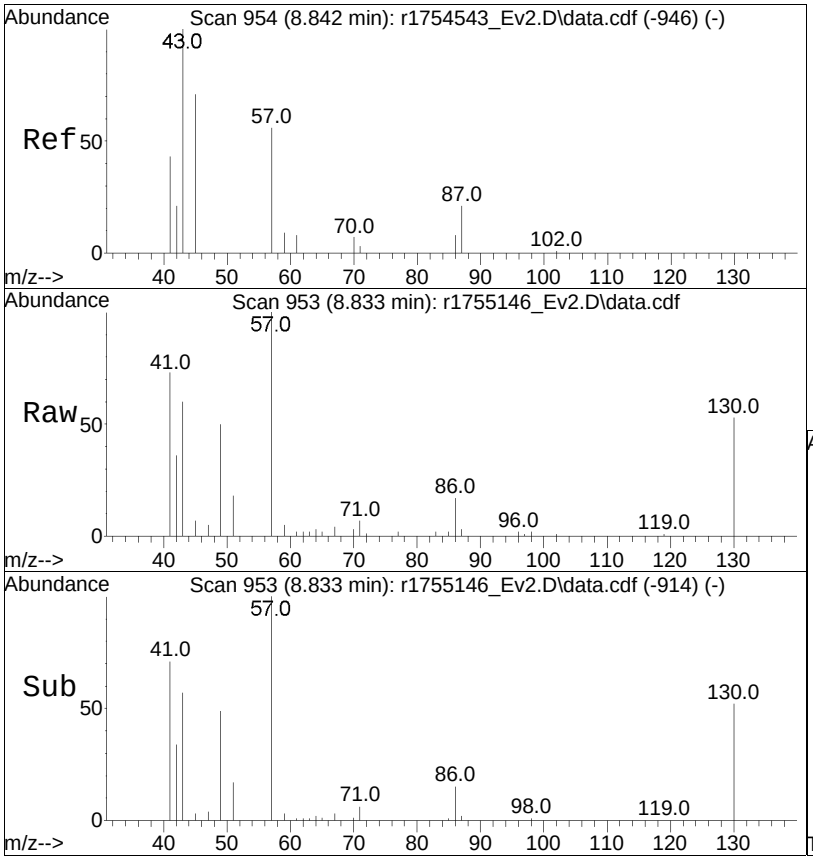


#33
1,2-dichloroethane
Concen: 0.05 ppbV
RT: 9.733 min Scan# 1061
Delta R.T. -0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 62 Resp: 1134

Ion	Ratio	Lower	Upper
62	100		
64	35.2	25.4	38.2
49	35.0	24.6	37.0
63	26.2	15.9	23.9#

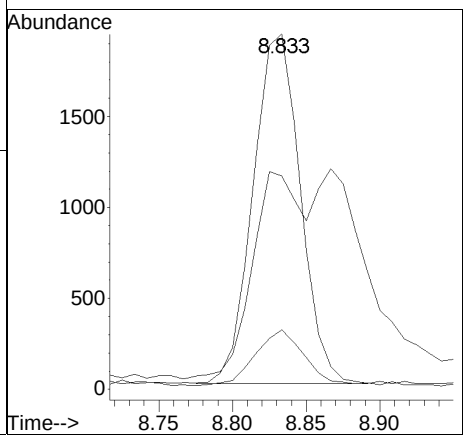


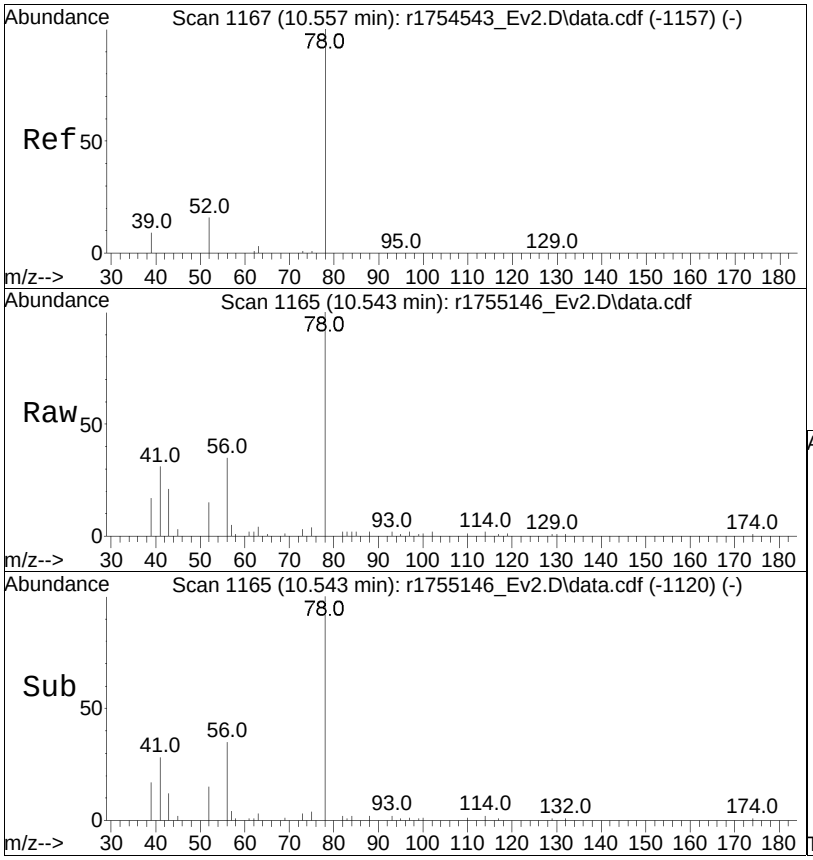


#35
hexane
Concen: 0.11 ppbV
RT: 8.833 min Scan# 953
Delta R.T. -0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 57 Resp: 4280

Ion	Ratio	Lower	Upper
57	100		
43	60.1	143.4	215.2#
86	16.7	11.9	17.9

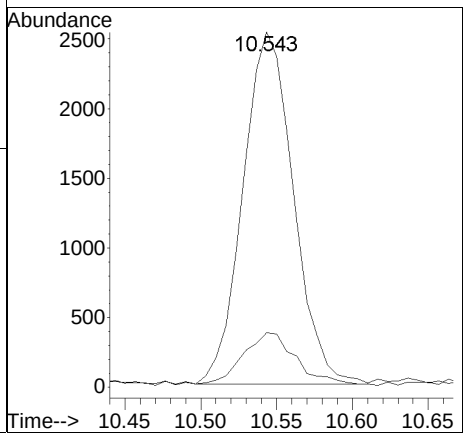


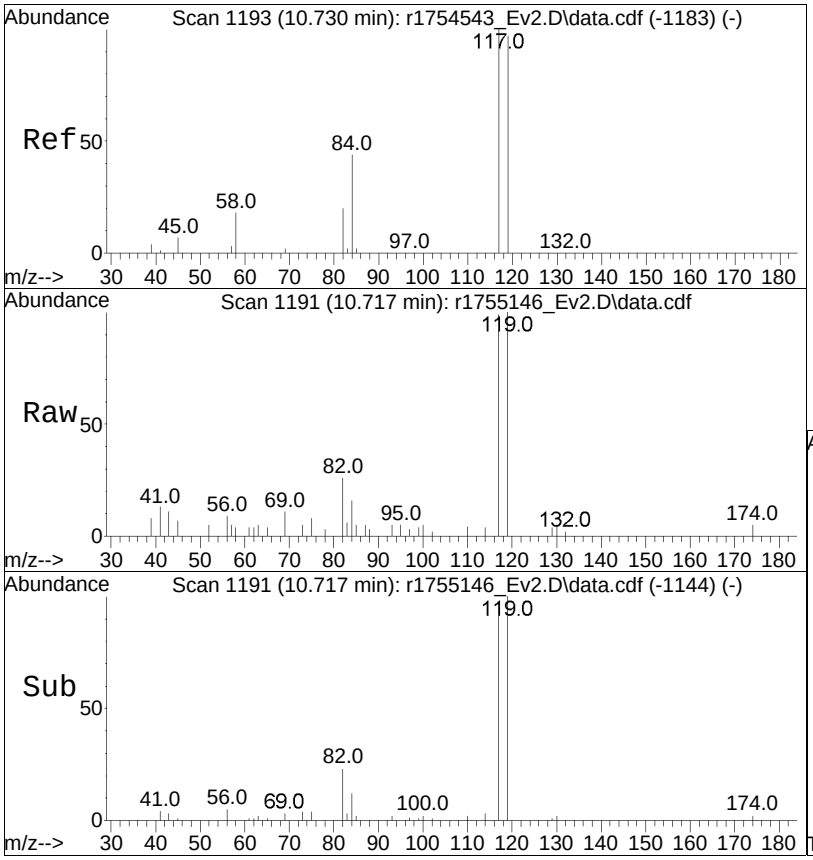


#38
benzene
Concen: 0.08 ppbV
RT: 10.543 min Scan# 1165
Delta R.T. -0.013 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 78 Resp: 5846

Ion	Ratio	Lower	Upper
78	100		
52	15.4	12.7	19.1

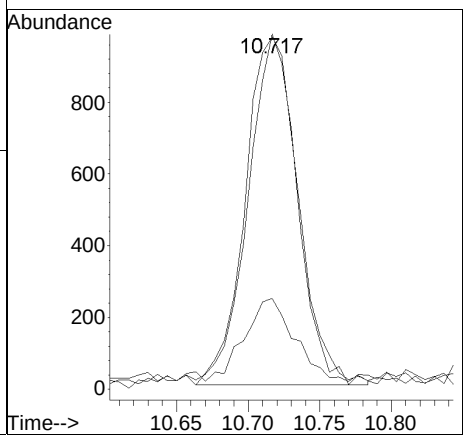


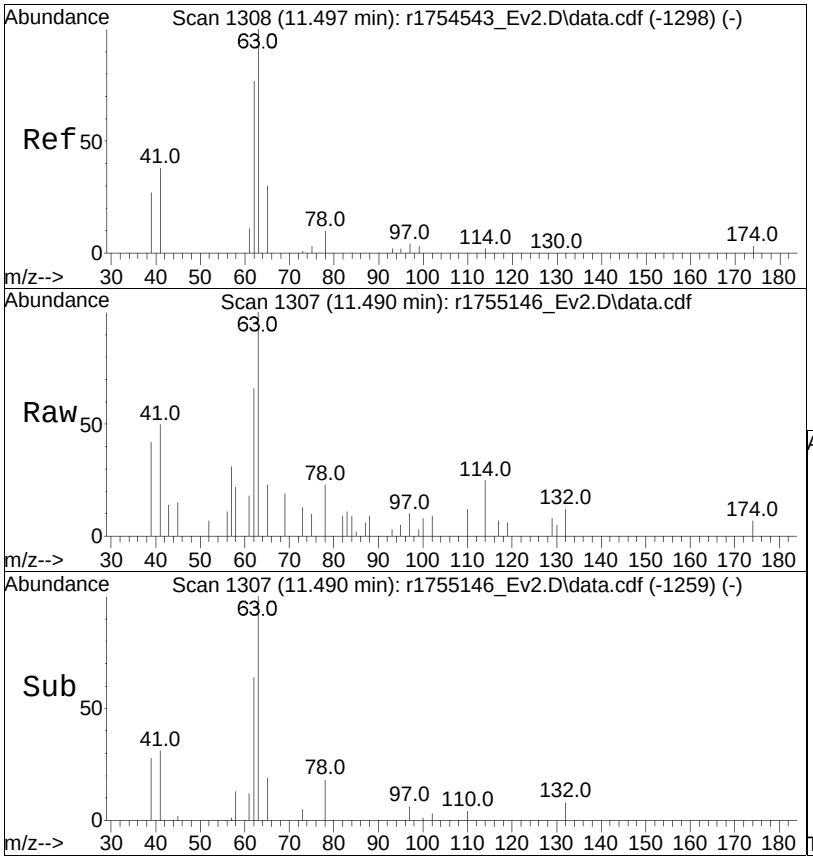


#39
carbon tetrachloride
Concen: 0.08 ppbV
RT: 10.717 min Scan# 1191
Delta R.T. -0.013 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion:117 Resp: 2500

Ion	Ratio	Lower	Upper
117	100		
119	100.8	77.3	115.9
82	25.8	16.2	24.2#

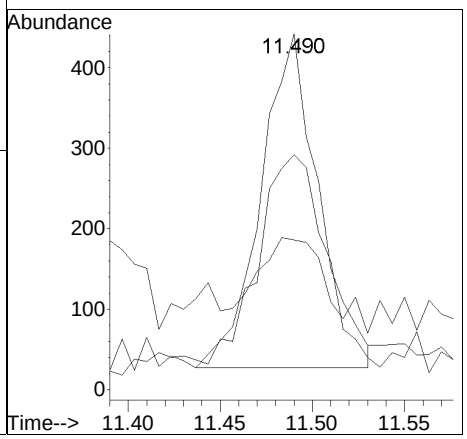


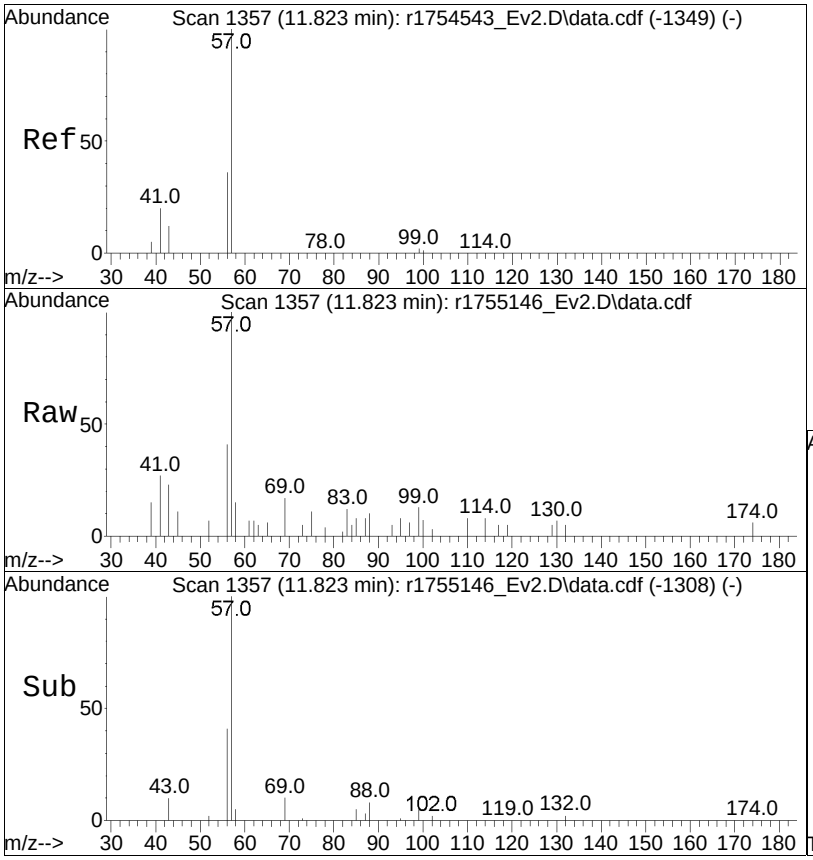


#42
1,2-dichloropropane
Concen: 0.03 ppbV
RT: 11.490 min Scan# 1307
Delta R.T. -0.007 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 63 Resp: 911

Ion	Ratio	Lower	Upper
63	100		
62	66.1	61.5	92.3
39	42.1	22.2	33.2#

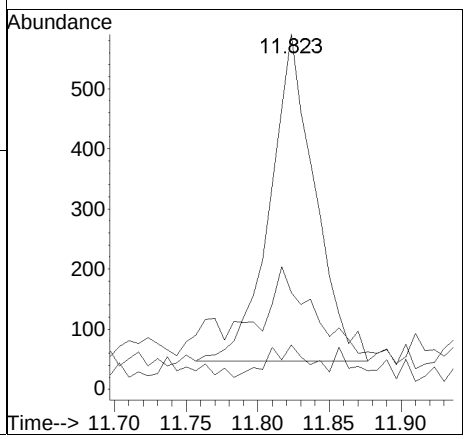


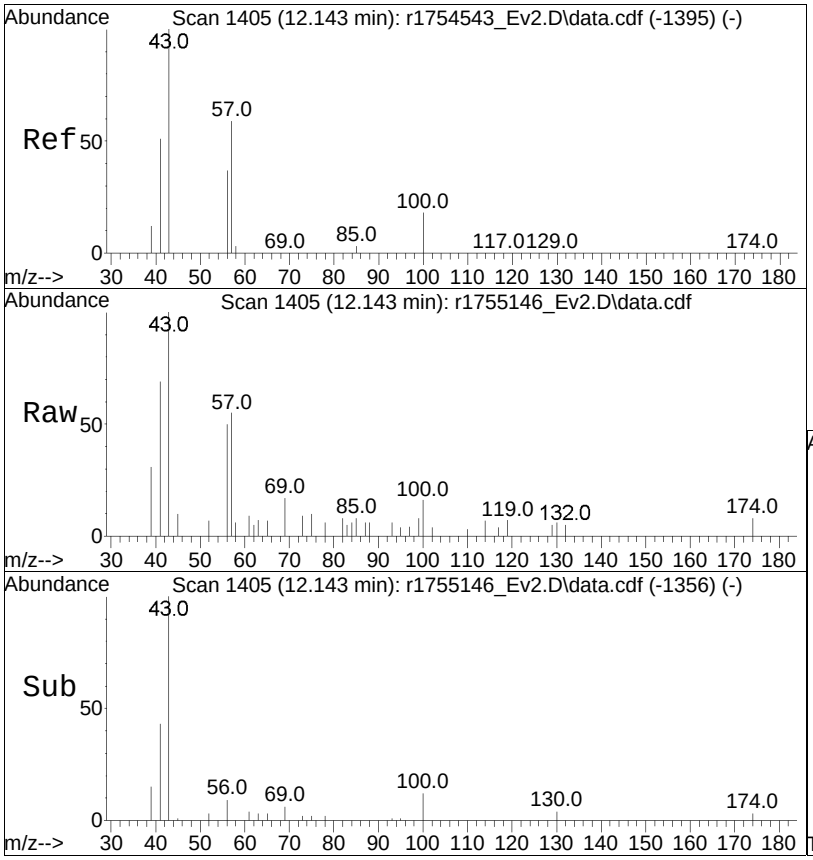


#46
2,2,4-trimethylpentane
Concen: 0.01 ppbV
RT: 11.823 min Scan# 1357
Delta R.T. 0.000 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 57 Resp: 1186

Ion	Ratio	Lower	Upper
57	100		
99	12.5	4.0	6.0#
41	27.2	16.2	24.2#

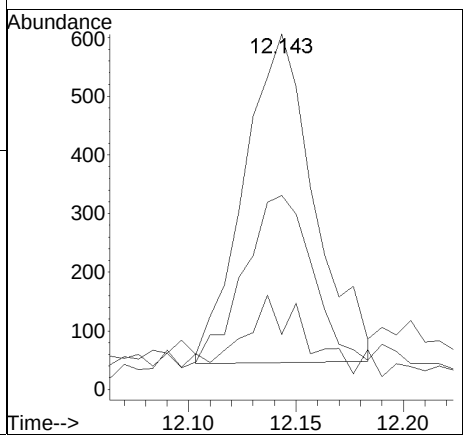


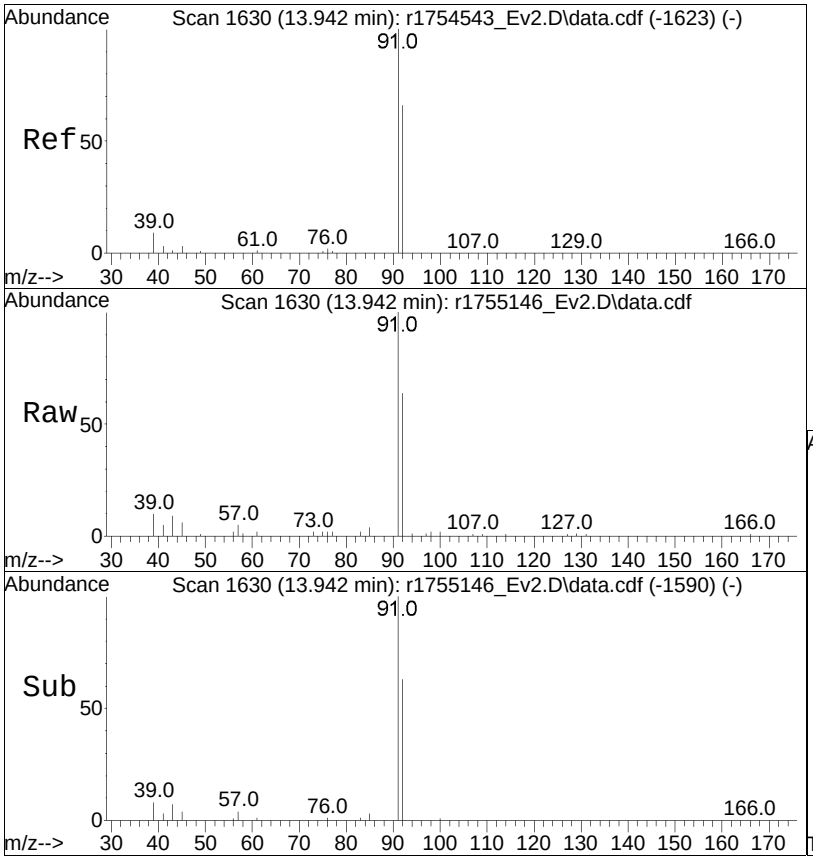


#47
heptane
Concen: 0.03 ppbV
RT: 12.143 min Scan# 1405
Delta R.T. 0.000 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 43 Resp: 1267

Ion	Ratio	Lower	Upper
43	100		
57	54.6	47.2	70.8
100	15.5	14.9	22.3

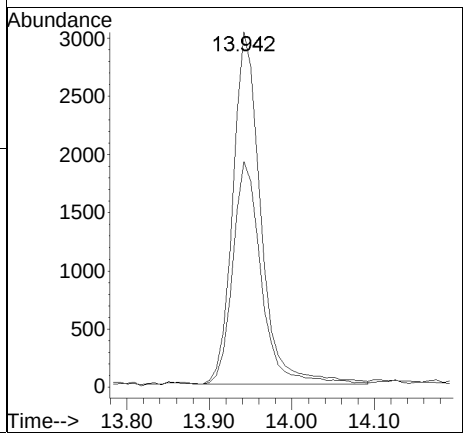


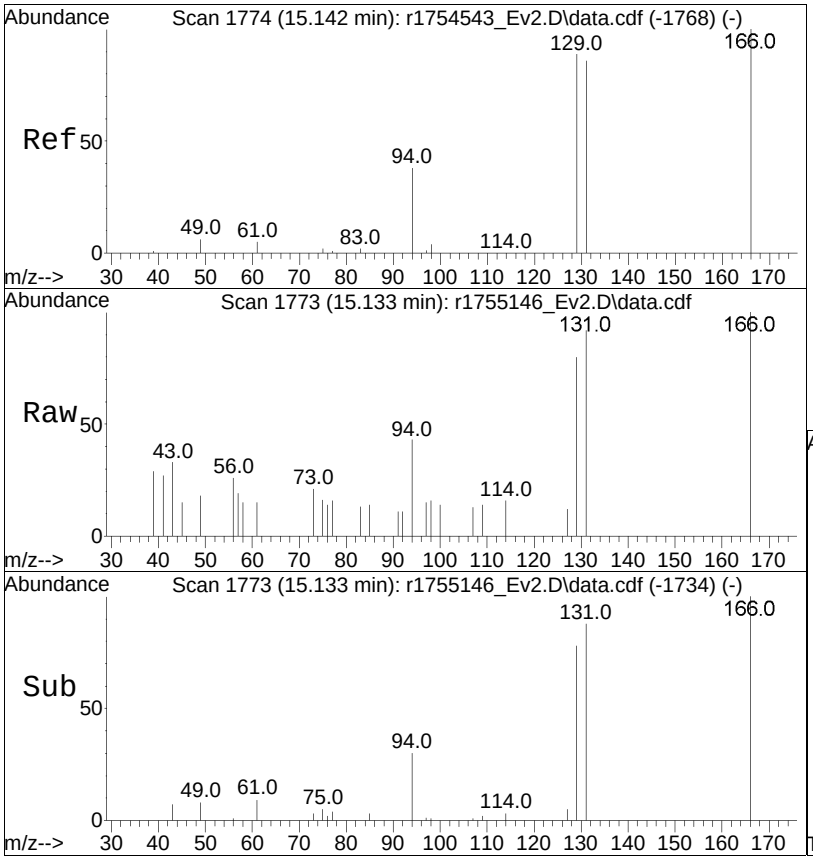


#53
toluene
Concen: 0.09 ppbV
RT: 13.942 min Scan# 1630
Delta R.T. 0.000 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 91 Resp: 7153

Ion	Ratio	Lower	Upper
91	100		
92	63.6	52.6	78.8

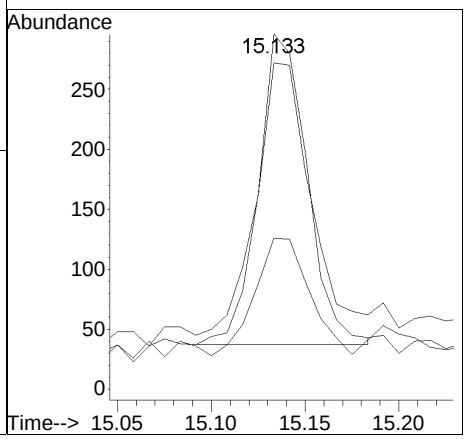


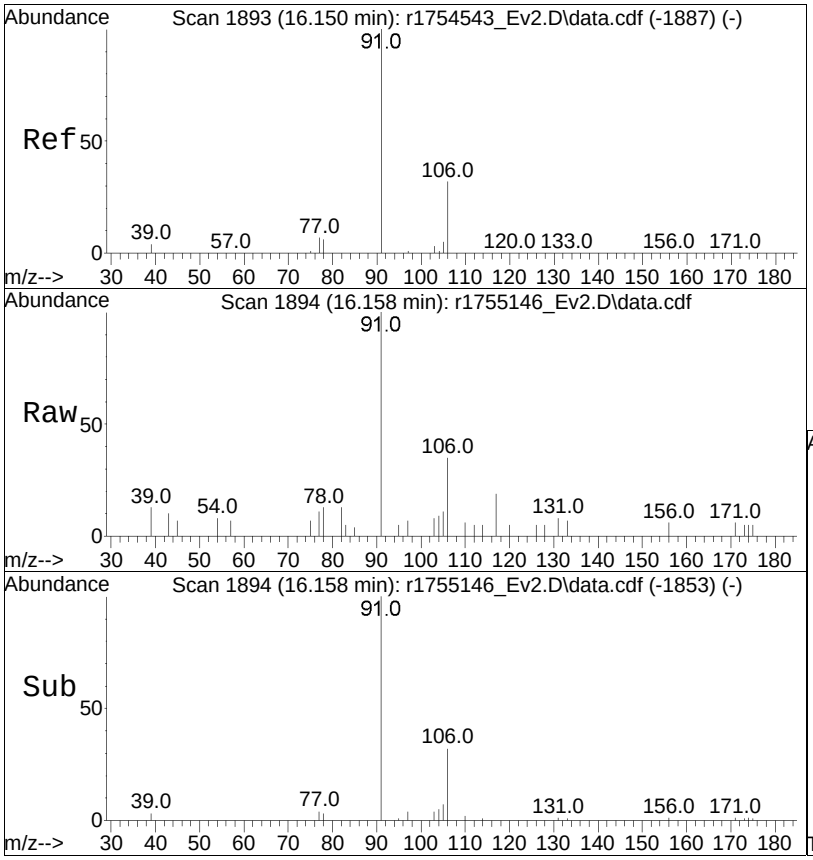


#58
tetrachloroethene
Concen: 0.01 ppbV
RT: 15.133 min Scan# 1773
Delta R.T. -0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion:166 Resp: 471

Ion	Ratio	Lower	Upper
166	100		
131	91.9	69.1	103.7
94	42.6	30.7	46.1

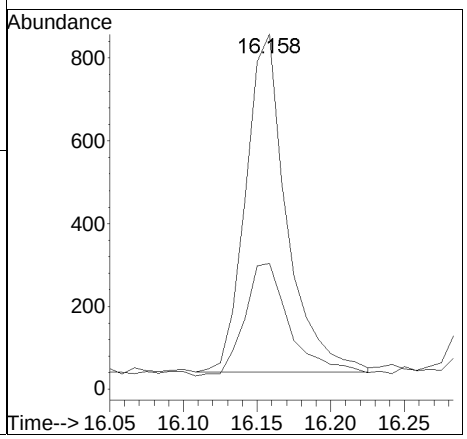


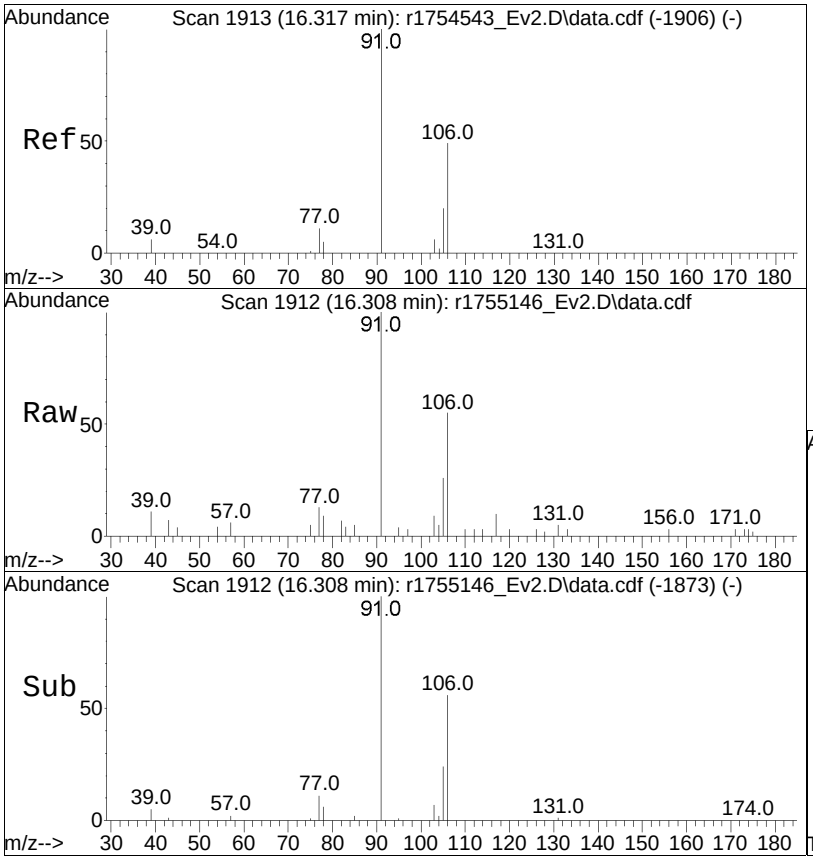


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 91 Resp: 1579

Ion	Ratio	Lower	Upper
91	100		
106	35.4	25.8	38.6

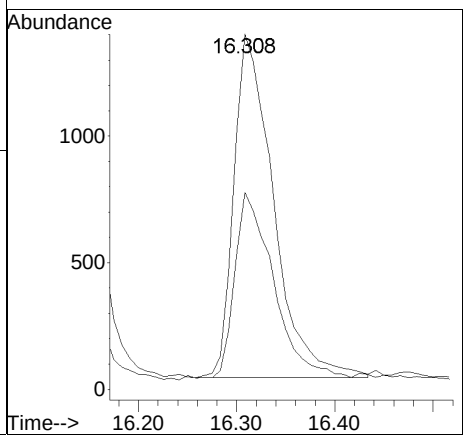


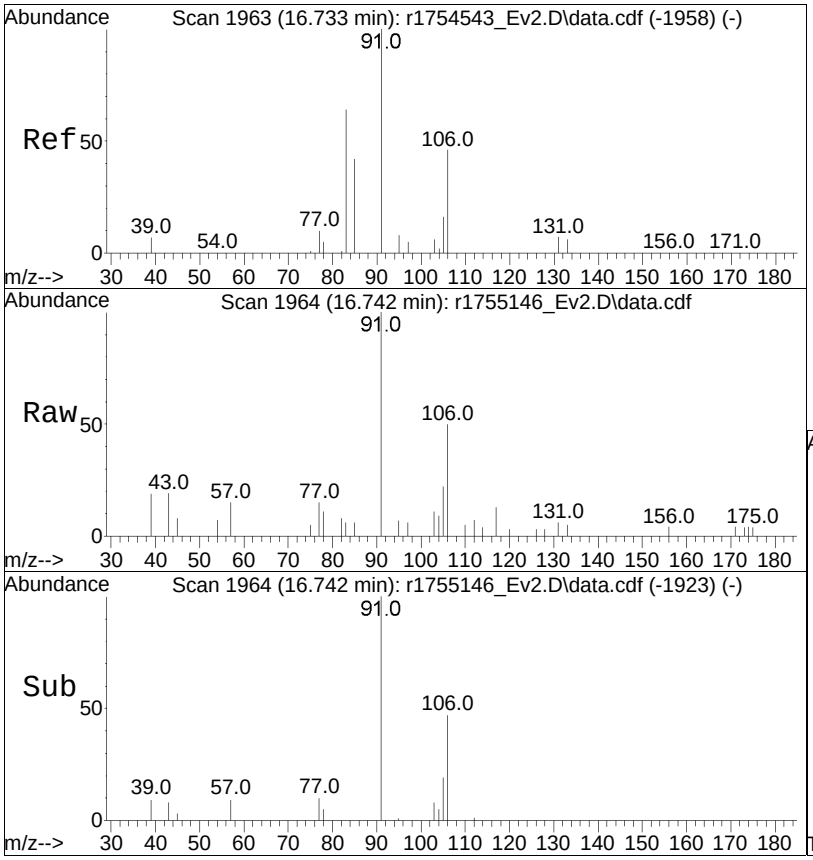


#62
m+p-xylene
Concen: 0.05 ppbV
RT: 16.308 min Scan# 1912
Delta R.T. -0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 91 Resp: 3807

Ion	Ratio	Lower	Upper
91	100		
106	55.5	39.4	59.0

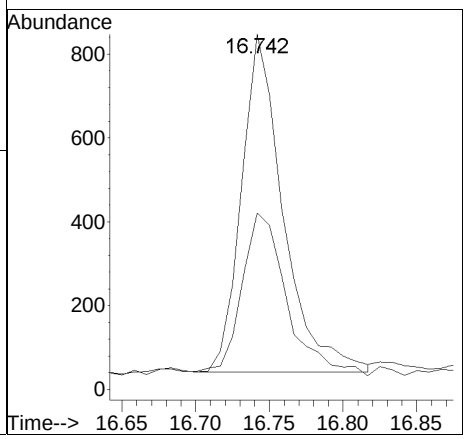


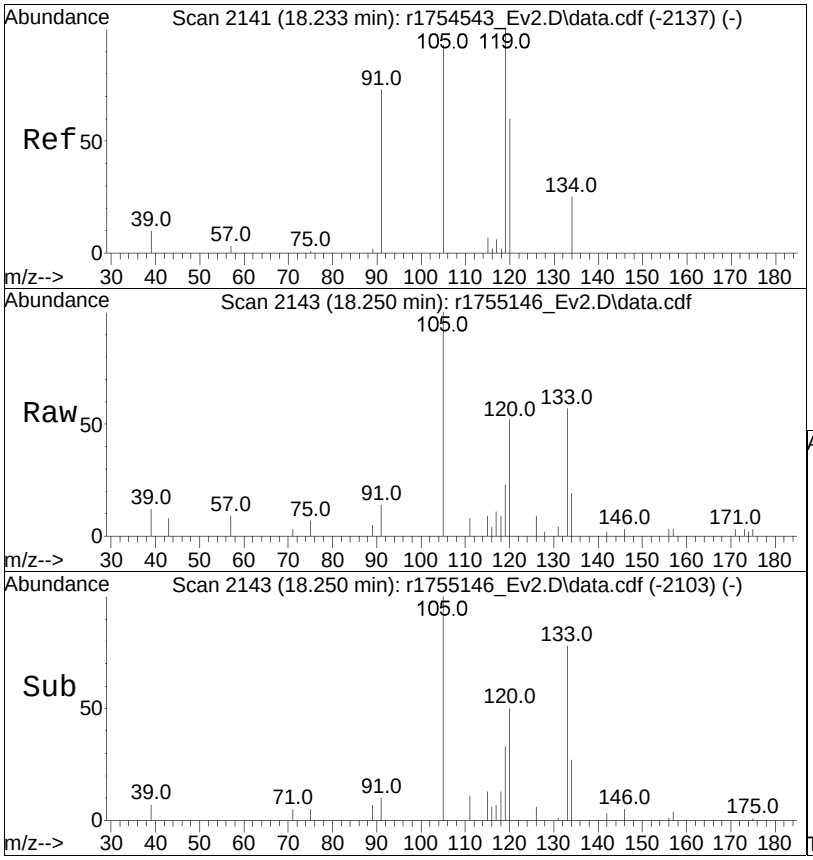


#66
o-xylene
Concen: 0.02 ppbV
RT: 16.742 min Scan# 1964
Delta R.T. 0.008 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion: 91 Resp: 1590

Ion	Ratio	Lower	Upper
91	100		
106	49.6	37.0	55.4

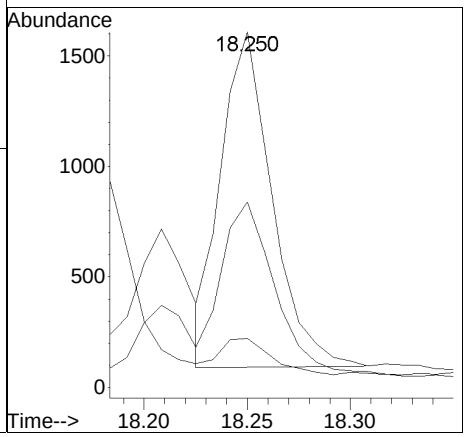




#74
1,2,4-trimethylbenzene
Concen: 0.03 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755146_Ev2.D
Acq: 28 Mar 2026 8:57 AM

Tgt Ion:105 Resp: 2616

Ion	Ratio	Lower	Upper
105	100		
120	52.2	51.8	77.8
91	13.8	63.4	95.2#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TSIM17_260305.M
Data File	: r1755146_Ev2.D	Operator	: AIRLAB17:SL
Date Inj'd	: 3/28/2026 8:57 AM	Instrument	:
Sample	: L2612589-15,3,250,250	Quant Date	: 3/28/2026 12:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755147_Ev2.D
Acq On : 28 Mar 2026 9:35 AM
Operator : AIRLAB17:SL
Sample : L2612589-01,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:26 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.758	49	246304	10.000	ppbV	0.00
Standard Area = 255556			Recovery = 96.38%			
34) 1,4-difluorobenzene	10.977	114	878418	10.000	ppbV	0.00
Standard Area = 912824			Recovery = 96.23%			
52) chlorobenzene-D5	15.742	54	110604	10.000	ppbV	0.00
Standard Area = 110427			Recovery = 100.16%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.838	85	20256	0.541	ppbV	99
5) chloromethane	3.994	50	2987	0.169	ppbV	100
6) Freon-114	4.096	85	942	0.021	ppbV	92
7) vinyl chloride	4.216		0	N.D.		
9) bromomethane	4.606		0	N.D.		
10) chloroethane	4.786		0	N.D.		
11) ethanol	4.924	31	614797	34.678	ppbV #	85
15) trichlorofluoromethane	5.593	101	8936	0.233	ppbV	98
18) 1,1-dichloroethene	6.264		0	N.D.		
19) tertiary butyl alcohol	6.318	59	73724	1.919	ppbV #	89
20) methylene chloride	6.402	49	1738	0.084	ppbV	93
23) Freon 113	6.702	101	3858	0.092	ppbV	94
24) trans-1,2-dichloroethene	7.425		0	N.D.		
25) 1,1-dichloroethane	7.650	63	548	0.013	ppbV	92
26) MTBE	0.000		0	N.D.	d	
28) 2-butanone	8.083	43	53933	1.484	ppbV	98
29) cis-1,2-dichloroethene	8.583		0	N.D.		
31) chloroform	8.917	83	5614	0.151	ppbV	99
33) 1,2-dichloroethane	9.742	62	586	0.024	ppbV #	71
35) hexane	8.833	57	46841	1.163	ppbV #	23
37) 1,1,1-trichloroethane	10.025	97	740479	18.791	ppbV	98
38) benzene	10.550	78	11254	0.146	ppbV	99
39) carbon tetrachloride	10.723	117	2736	0.081	ppbV	93
40) cyclohexane	10.863	56	42790	1.045	ppbV	93
42) 1,2-dichloropropane	11.497		0	N.D.		
43) bromodichloromethane	0.000		0	N.D.	d	
44) 1,4-dioxane	0.000		0	N.D.	d	
45) trichloroethene	11.777		0	N.D.		

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755147_Ev2.D
Acq On : 28 Mar 2026 9:35 AM
Operator : AIRLAB17:SL
Sample : L2612589-01,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:26 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

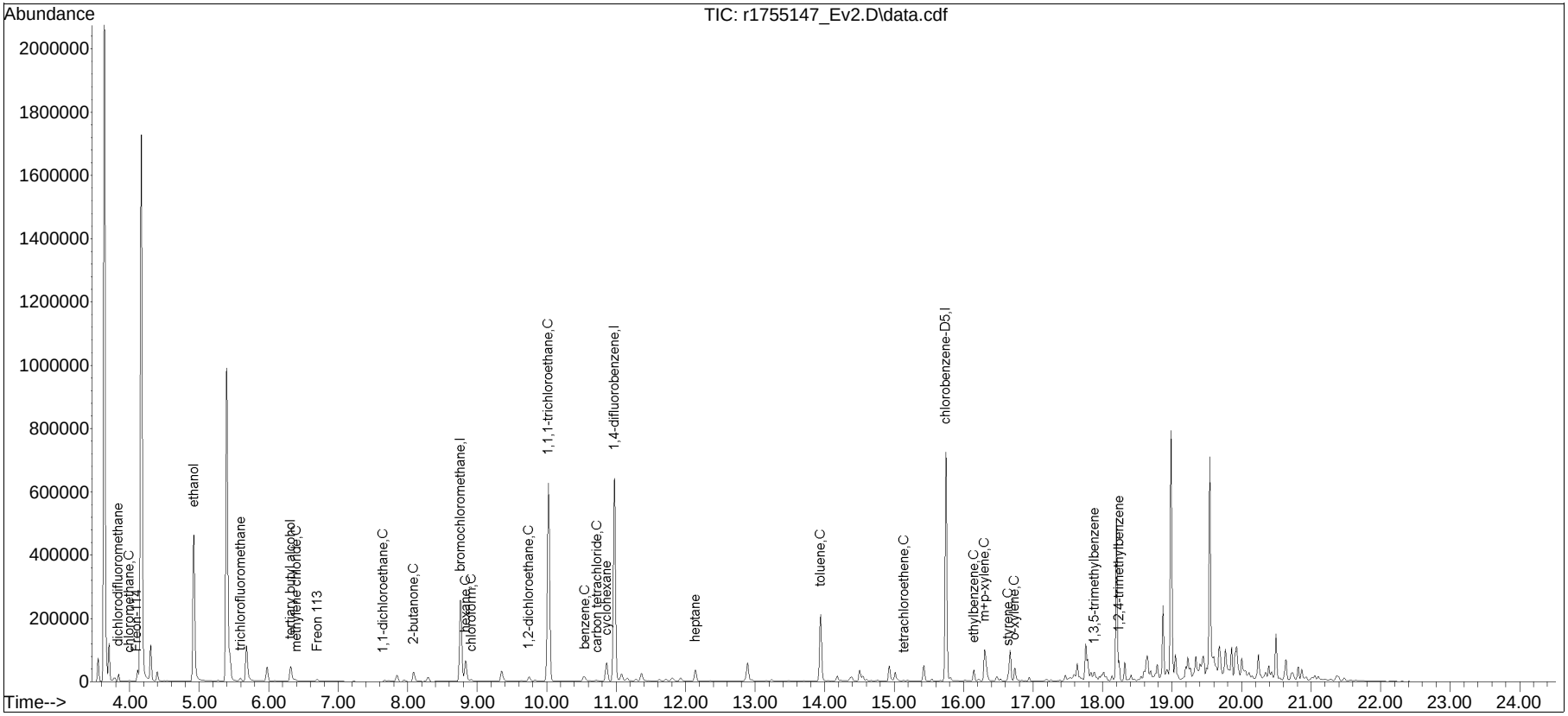
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.143	43	25824	0.617	ppbV	98
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	13.708		0	N.D.		
53) toluene	13.942	91	239958	2.776	ppbV	99
56) dibromochloromethane	14.408		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.142	166	1841	0.055	ppbV	97
60) chlorobenzene	0.000		0	N.D.	d	
61) ethylbenzene	16.150	91	37331	0.341	ppbV	92
62) m+p-xylene	16.300	91	112348	1.318	ppbV	92
63) bromoform	16.383		0	N.D.		
64) styrene	16.642	104	11585	0.197	ppbV	96
65) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
66) o-xylene	16.733	91	34305	0.396	ppbV	93
72) 1,3,5-trimethylbenzene	17.883	105	10590	0.122	ppbV	95
74) 1,2,4-trimethylbenzene	18.233	105	46580	0.538	ppbV #	49
75) Benzyl Chloride	18.367		0	N.D.		
76) 1,3-dichlorobenzene	18.367		0	N.D.		
77) 1,4-dichlorobenzene	18.433		0	N.D.		
81) 1,2-dichlorobenzene	18.717		0	N.D.		
84) 1,2,4-trichlorobenzene	20.208		0	N.D.		
85) naphthalene	20.242		0	N.D.		
87) hexachlorobutadiene	20.617		0	N.D.		

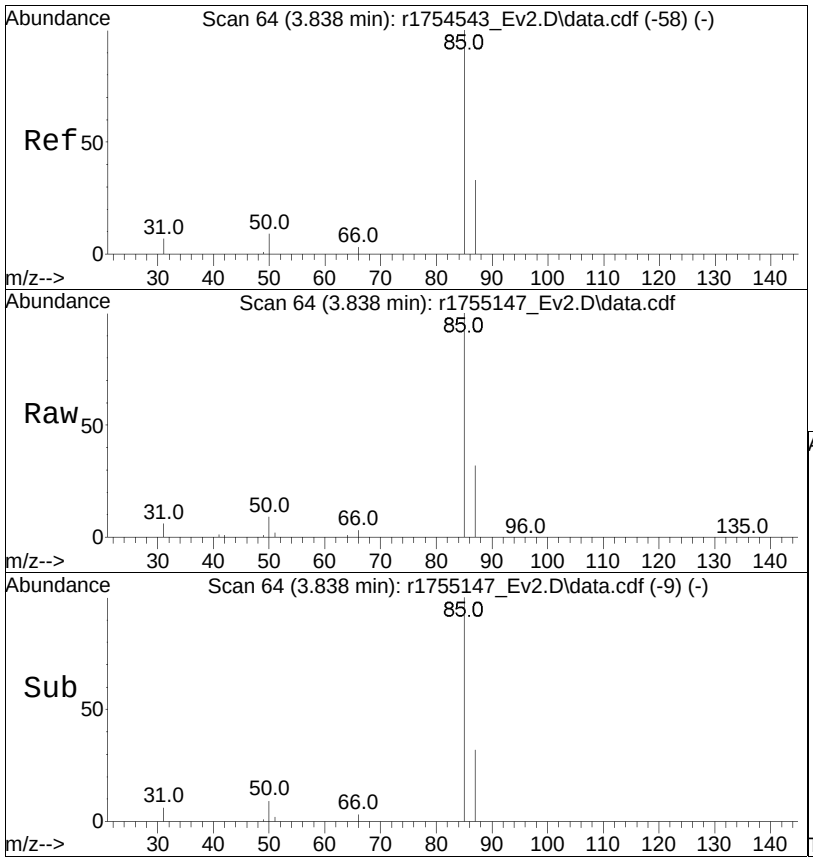
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755147_Ev2.D
Acq On : 28 Mar 2026 9:35 AM
Operator : AIRLAB17:SL
Sample : L2612589-01,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:26 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

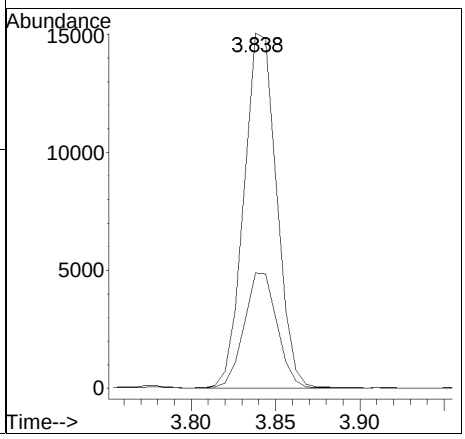


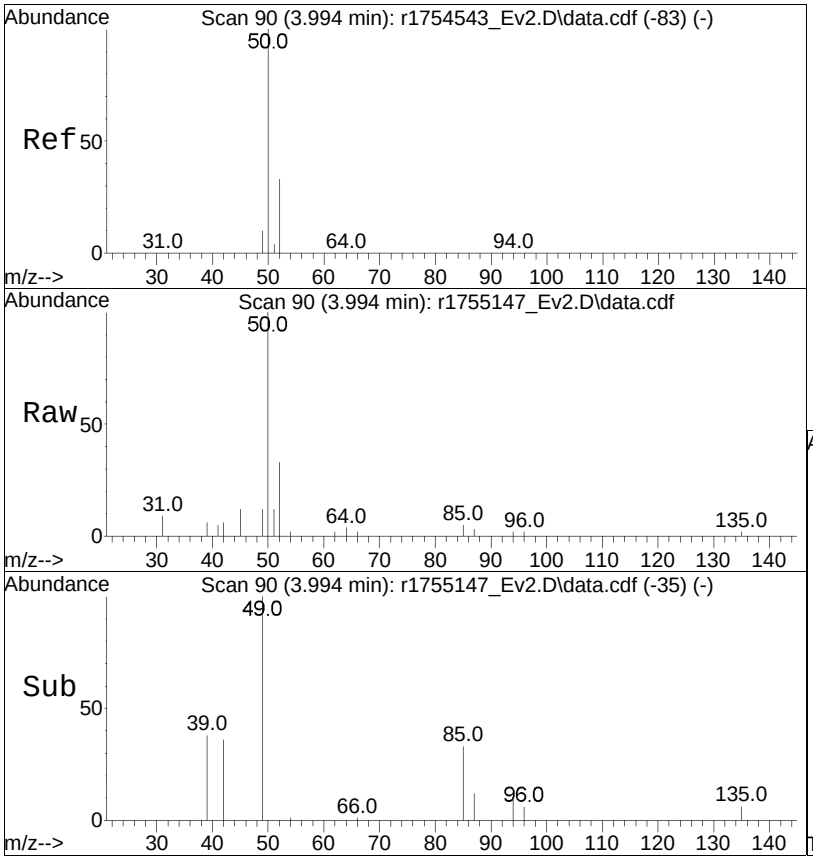


#4
dichlorodifluoromethane
Concen: 0.54 ppbV
RT: 3.838 min Scan# 64
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 85 Resp: 20256

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.4

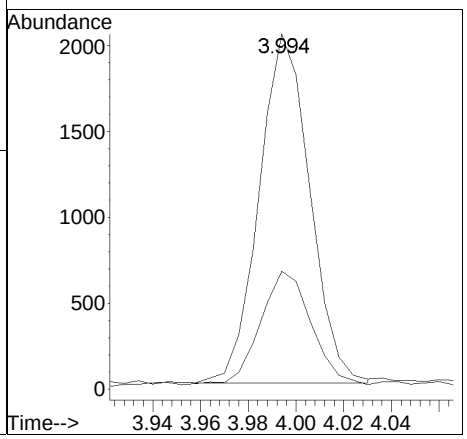


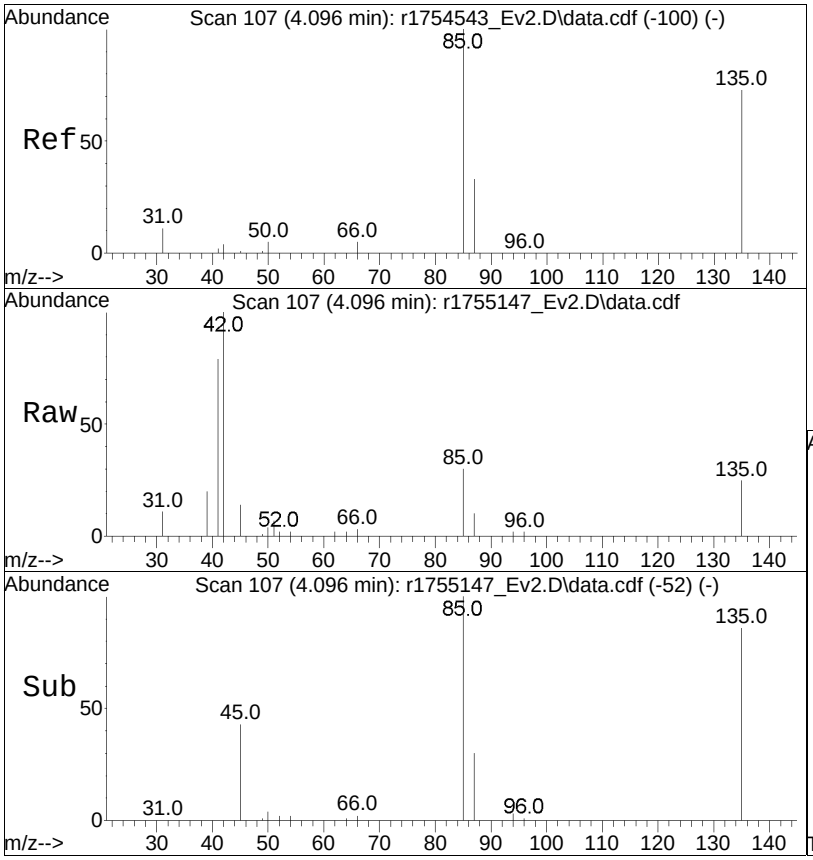


#5
chloromethane
Concen: 0.17 ppbV
RT: 3.994 min Scan# 90
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 50 Resp: 2987

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.6	39.8

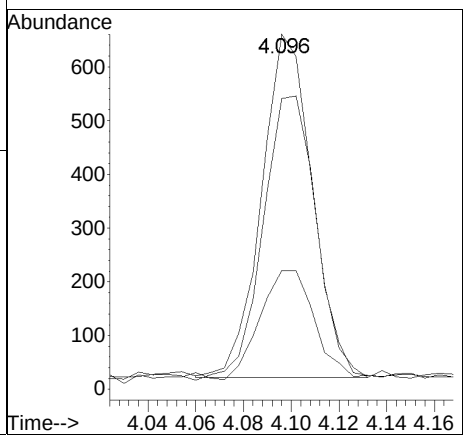


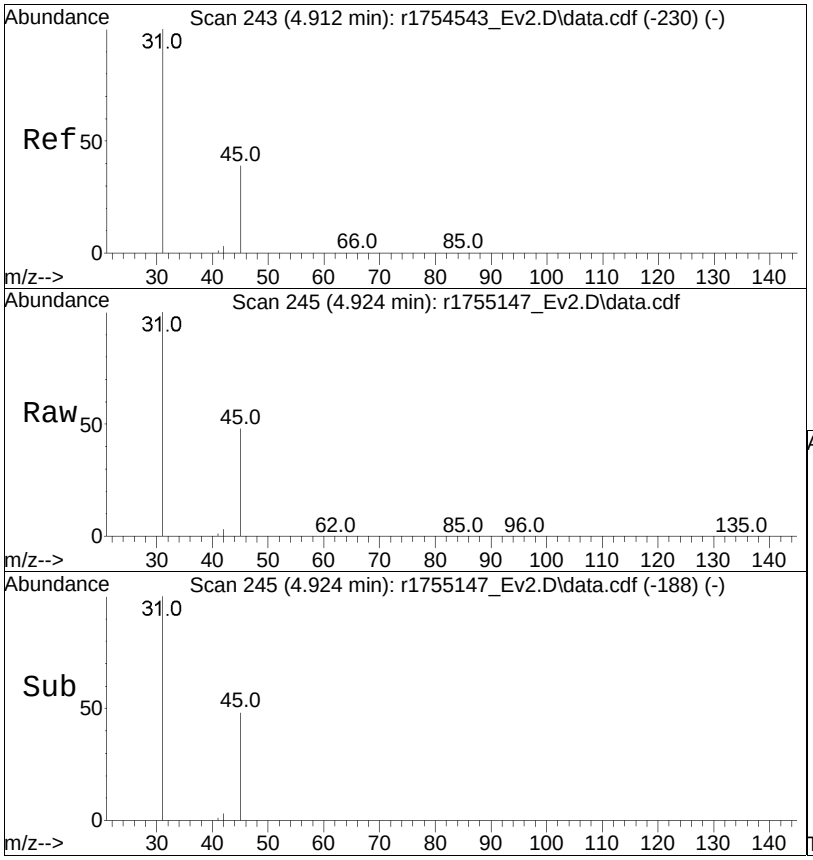


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.096 min Scan# 107
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 85 Resp: 942

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.2	39.4
135	81.8	58.1	87.1

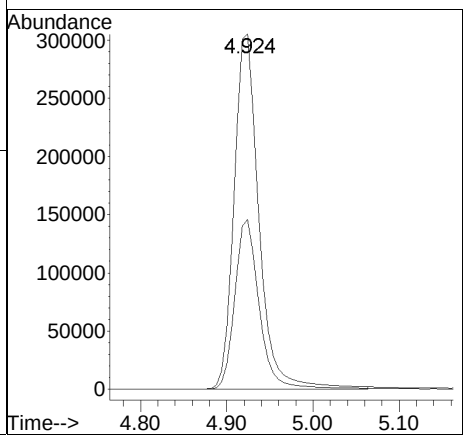


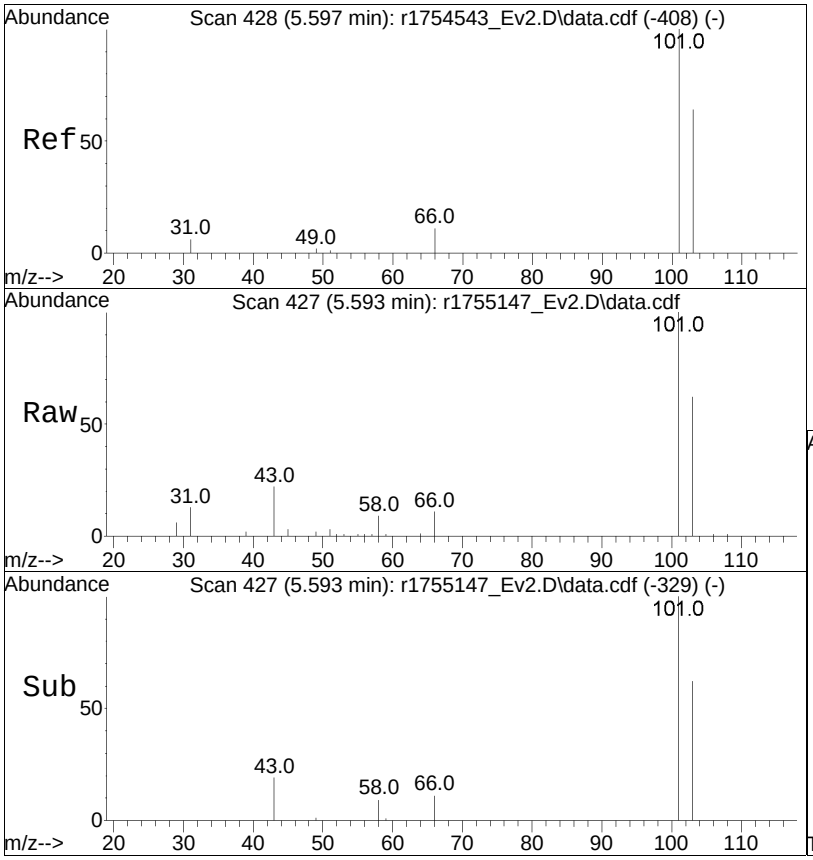


#11
ethanol
Concen: 34.68 ppbV
RT: 4.924 min Scan# 245
Delta R.T. 0.012 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 31 Resp: 614797

Ion	Ratio	Lower	Upper
31	100		
45	47.8	31.0	46.4#

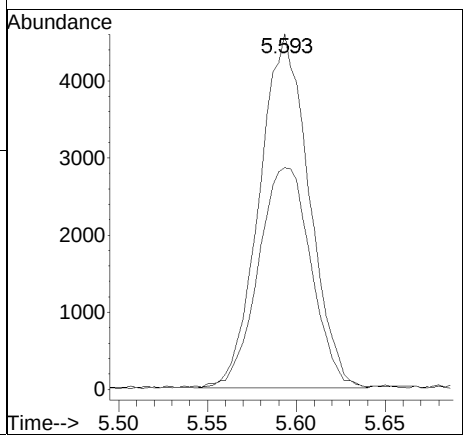


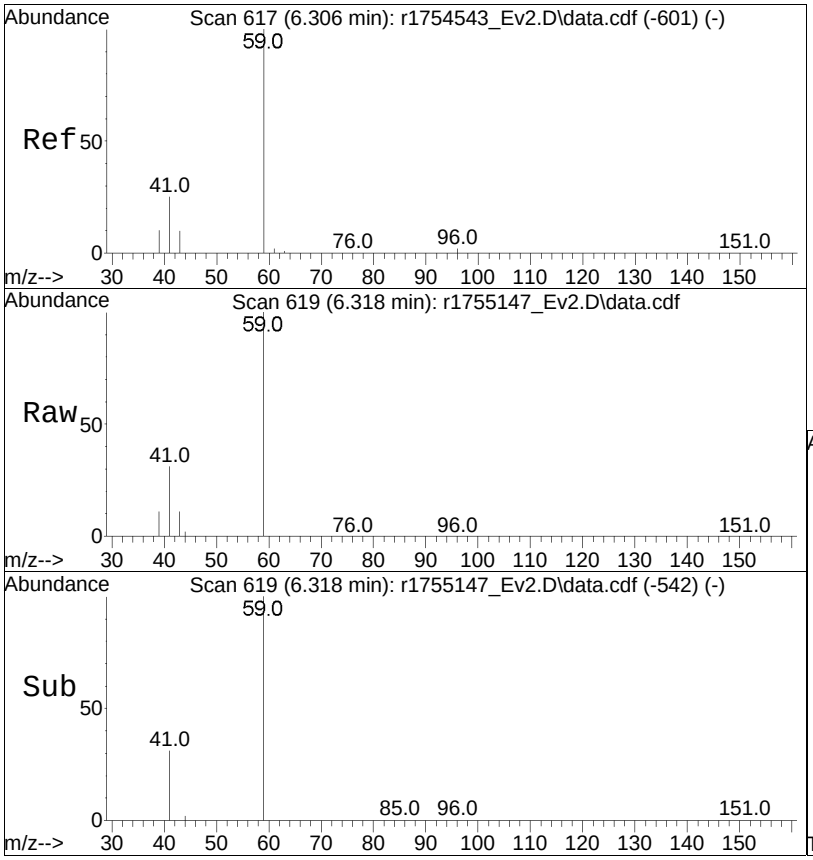


#15
trichlorofluoromethane
Concen: 0.23 ppbV
RT: 5.593 min Scan# 427
Delta R.T. -0.003 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:101 Resp: 8936

Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.4	77.0

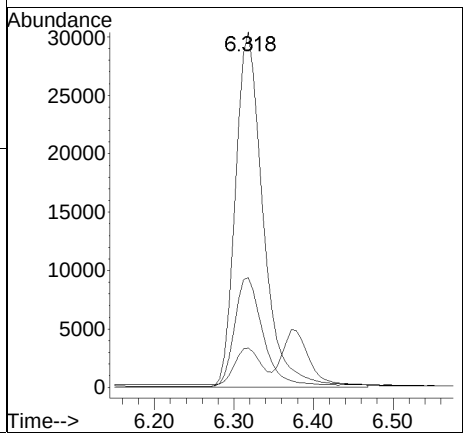


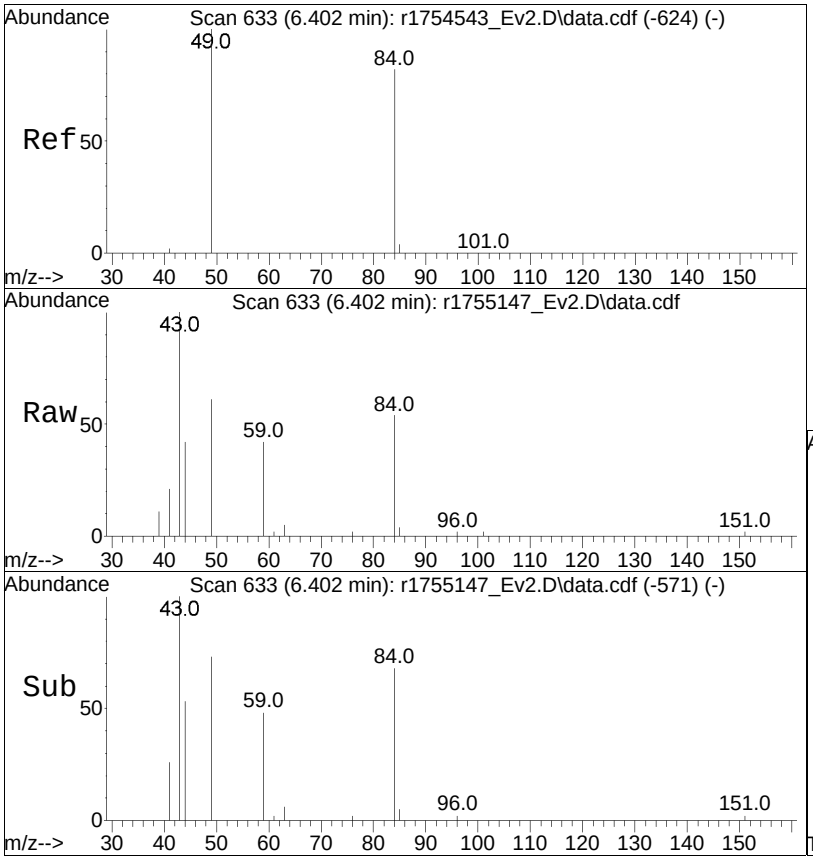


#19
tertiary butyl alcohol
Concen: 1.92 ppbV
RT: 6.318 min Scan# 619
Delta R.T. 0.012 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 59 Resp: 73724

Ion	Ratio	Lower	Upper
59	100		
41	31.9	19.8	29.6#
43	9.9	7.4	11.0

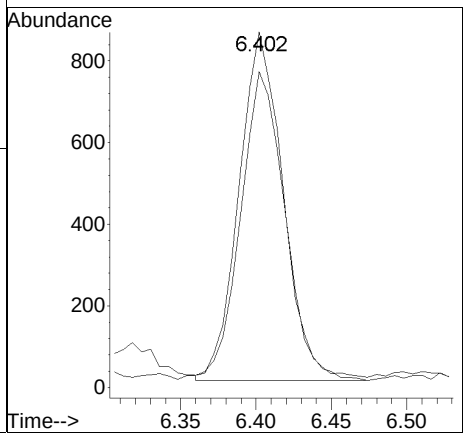


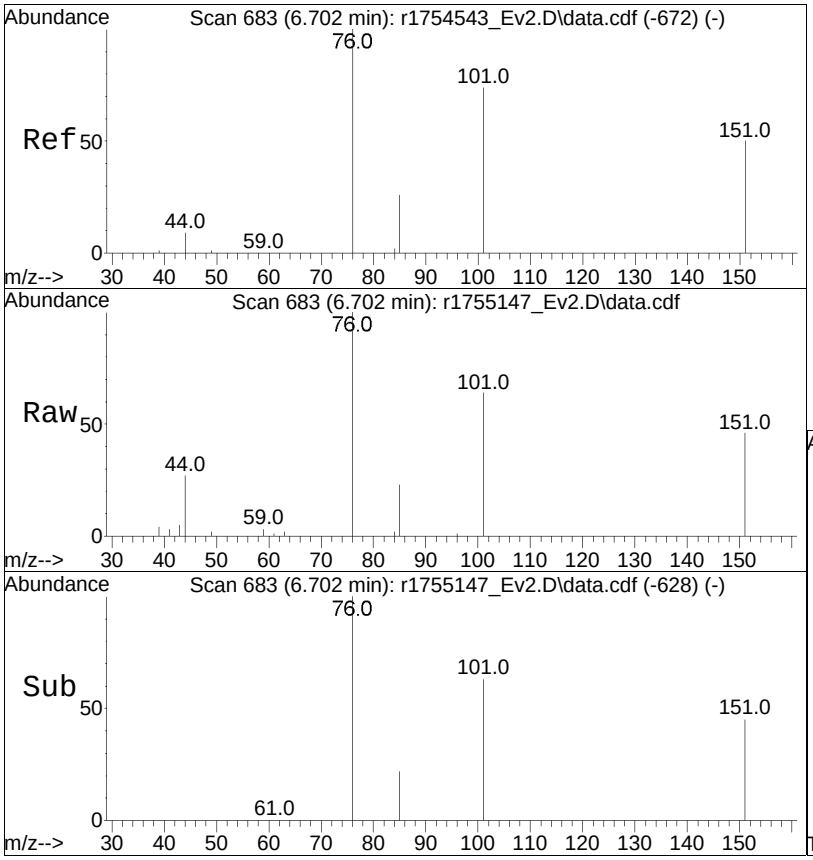


#20
methylene chloride
Concen: 0.08 ppbV
RT: 6.402 min Scan# 633
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 49 Resp: 1738

Ion	Ratio	Lower	Upper
49	100		
84	88.9	65.9	98.9

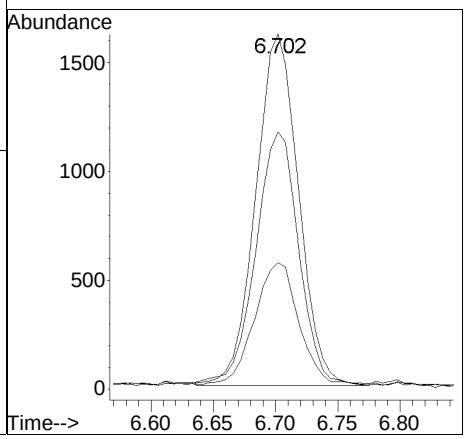


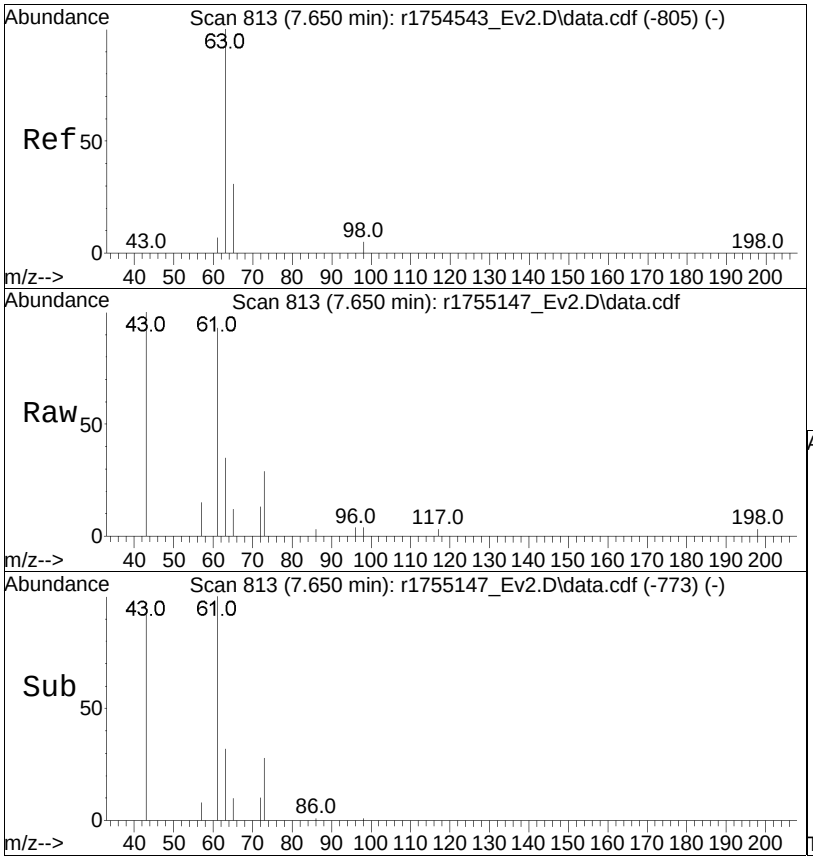


#23
Freon 113
Concen: 0.09 ppbV
RT: 6.702 min Scan# 683
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:101 Resp: 3858

Ion	Ratio	Lower	Upper
101	100		
85	35.7	27.5	41.3
151	72.5	53.4	80.0

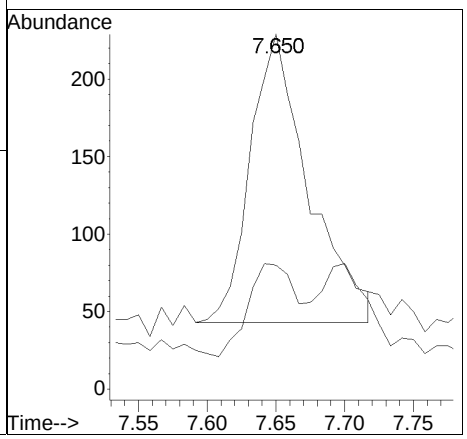


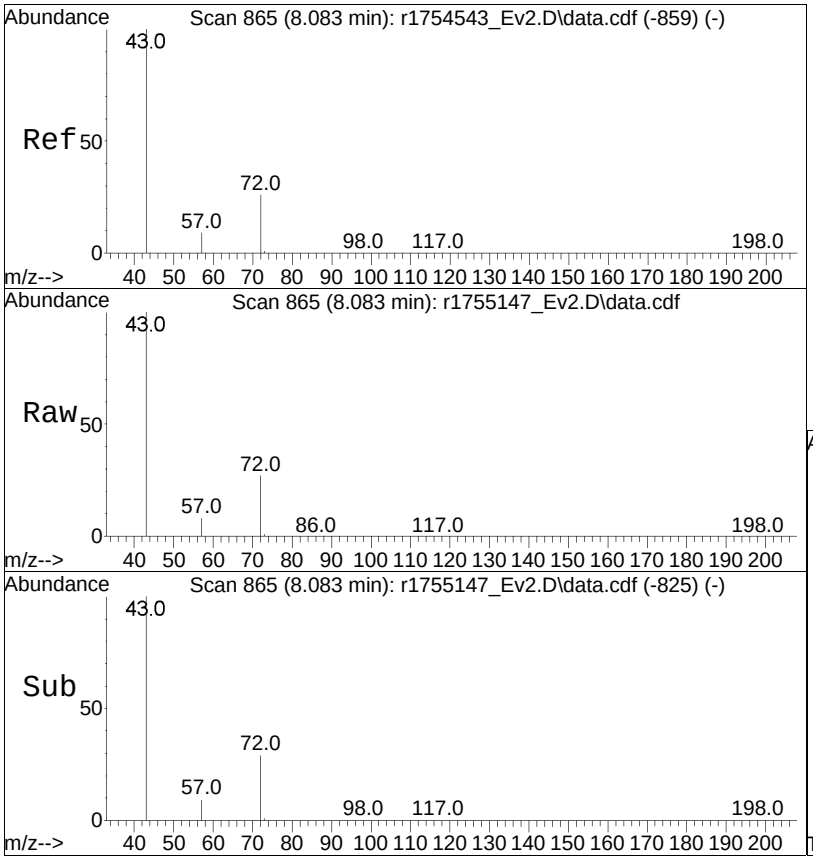


#25
1,1-dichloroethane
Concen: 0.01 ppbV
RT: 7.650 min Scan# 813
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 63 Resp: 548

Ion	Ratio	Lower	Upper
63	100		
65	34.9	24.6	36.8

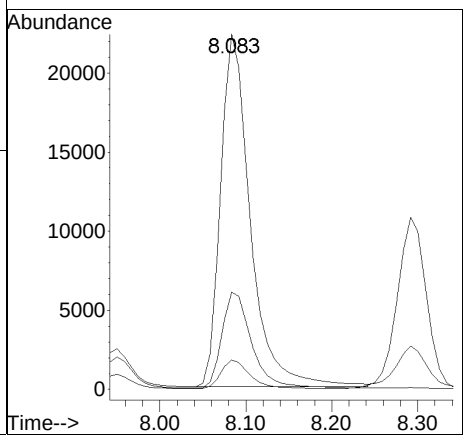


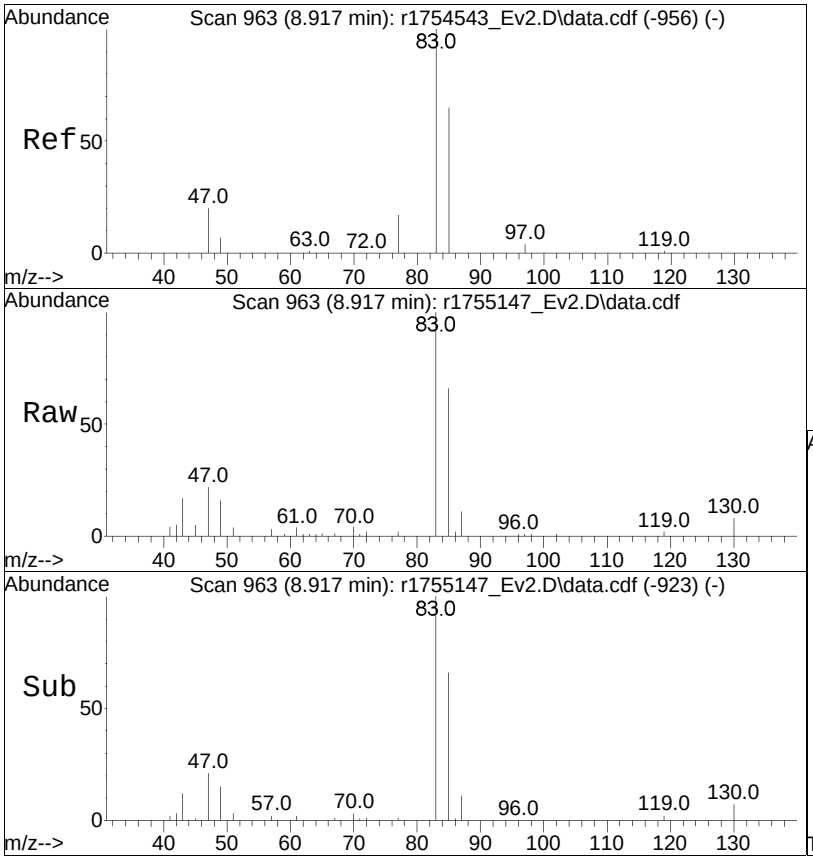


#28
2-butanone
Concen: 1.48 ppbV
RT: 8.083 min Scan# 865
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 43 Resp: 53933

Ion	Ratio	Lower	Upper
43	100		
72	27.3	20.7	31.1
57	8.3	6.9	10.3

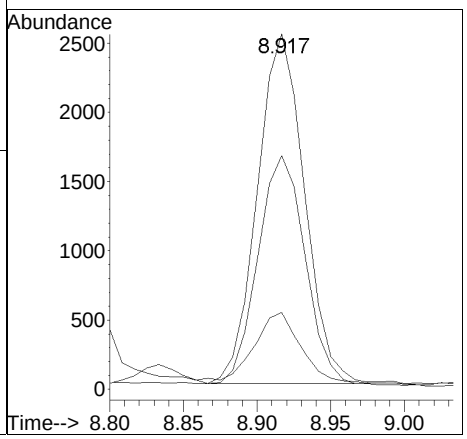


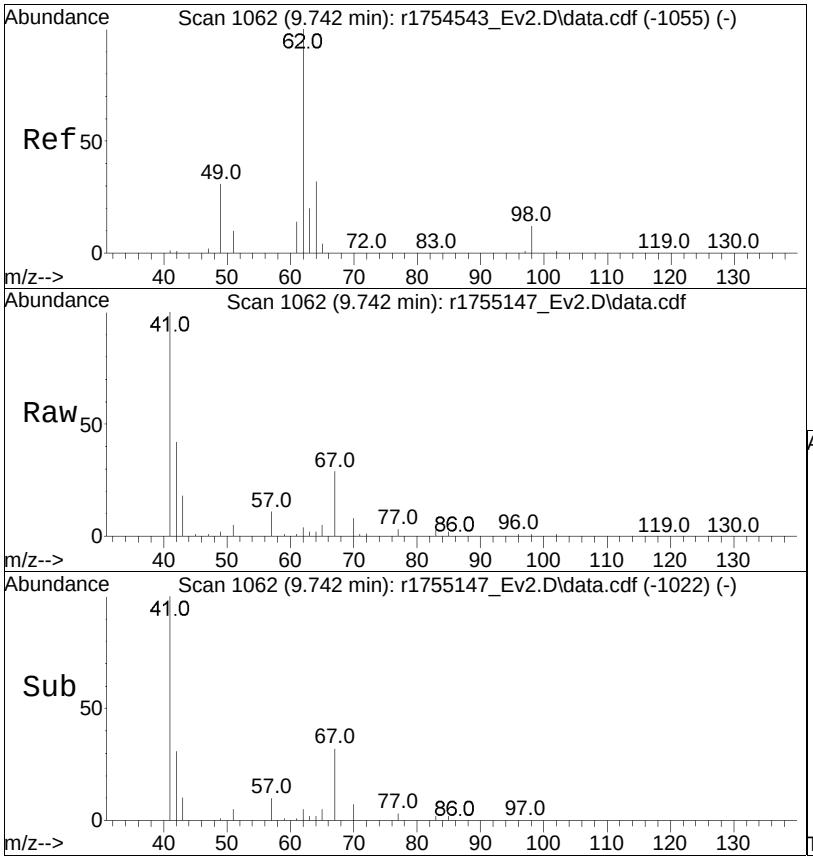


#31
chloroform
Concen: 0.15 ppbV
RT: 8.917 min Scan# 963
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 83 Resp: 5614

Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.3	78.5
47	21.7	16.5	24.7

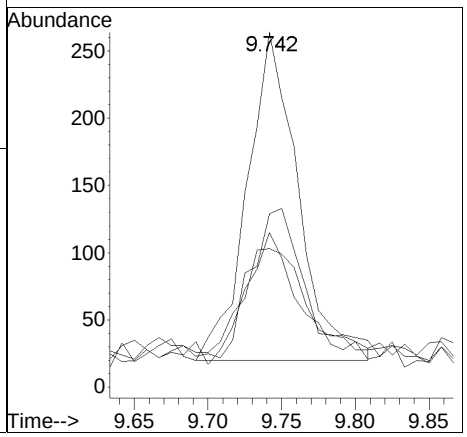


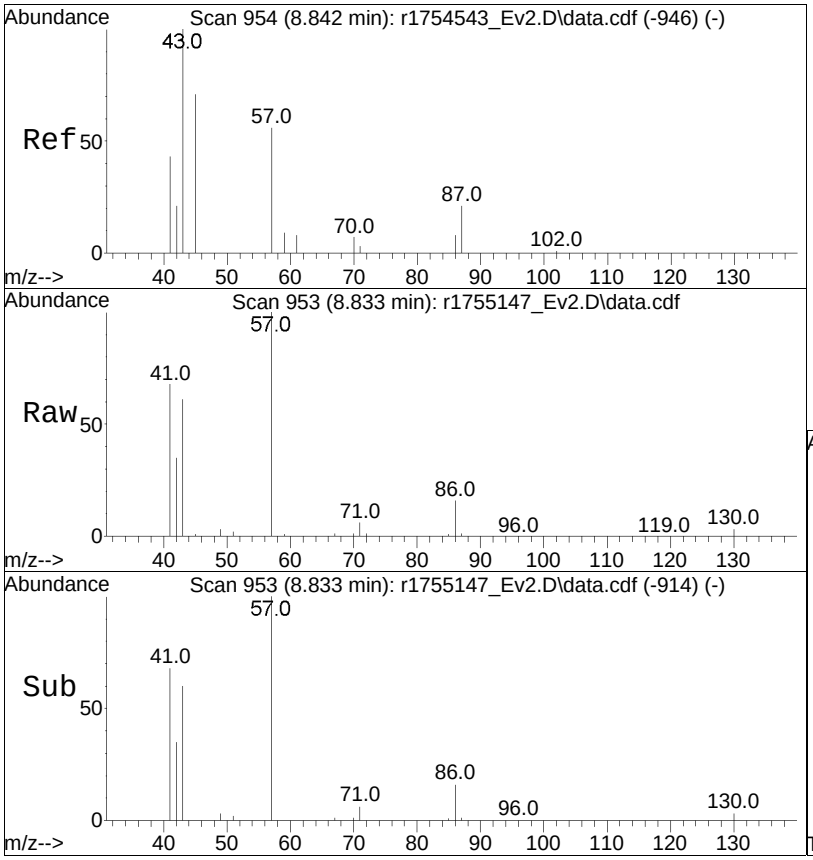


#33
1,2-dichloroethane
Concen: 0.02 ppbV
RT: 9.742 min Scan# 1062
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 62 Resp: 586

Ion	Ratio	Lower	Upper
62	100		
64	43.6	25.4	38.2#
49	39.0	24.6	37.0#
63	48.9	15.9	23.9#

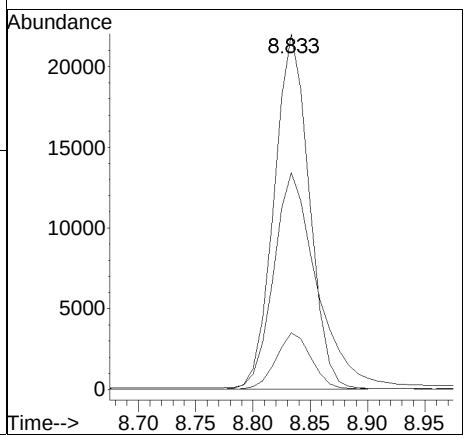


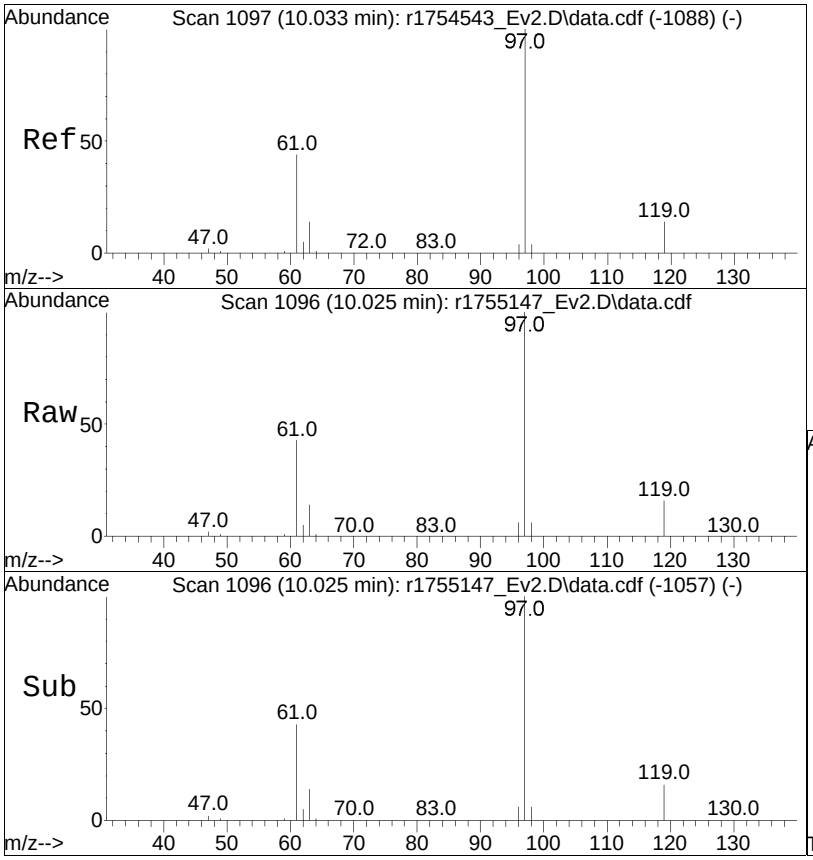


#35
hexane
Concen: 1.16 ppbV
RT: 8.833 min Scan# 953
Delta R.T. -0.008 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 57 Resp: 46841

Ion	Ratio	Lower	Upper
57	100		
43	61.0	143.4	215.2#
86	15.9	11.9	17.9

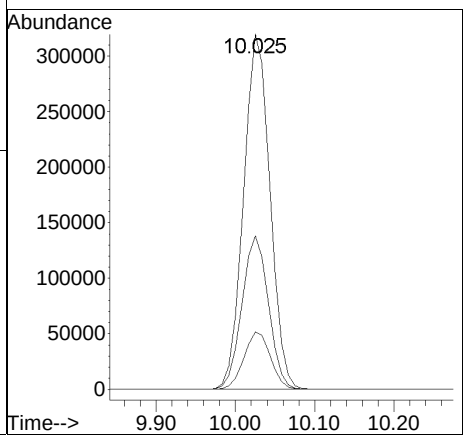


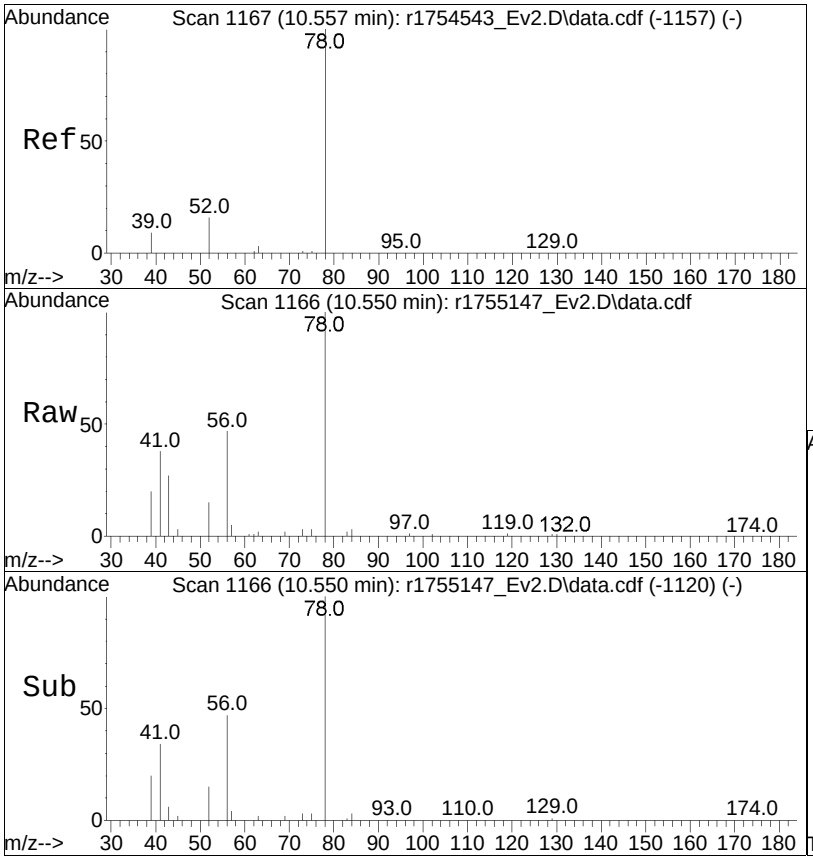


#37
1,1,1-trichloroethane
Concen: 18.79 ppbV
RT: 10.025 min Scan# 1096
Delta R.T. -0.008 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 97 Resp: 740479

Ion	Ratio	Lower	Upper
97	100		
61	43.3	35.3	52.9
119	16.2	11.2	16.8

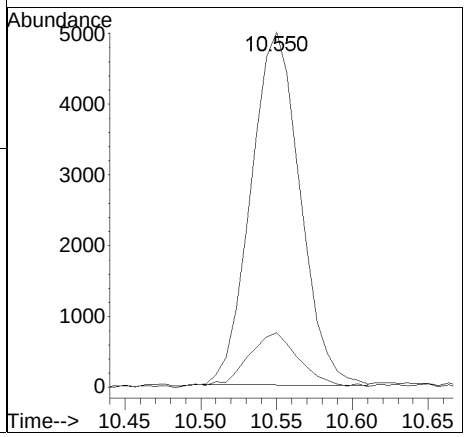


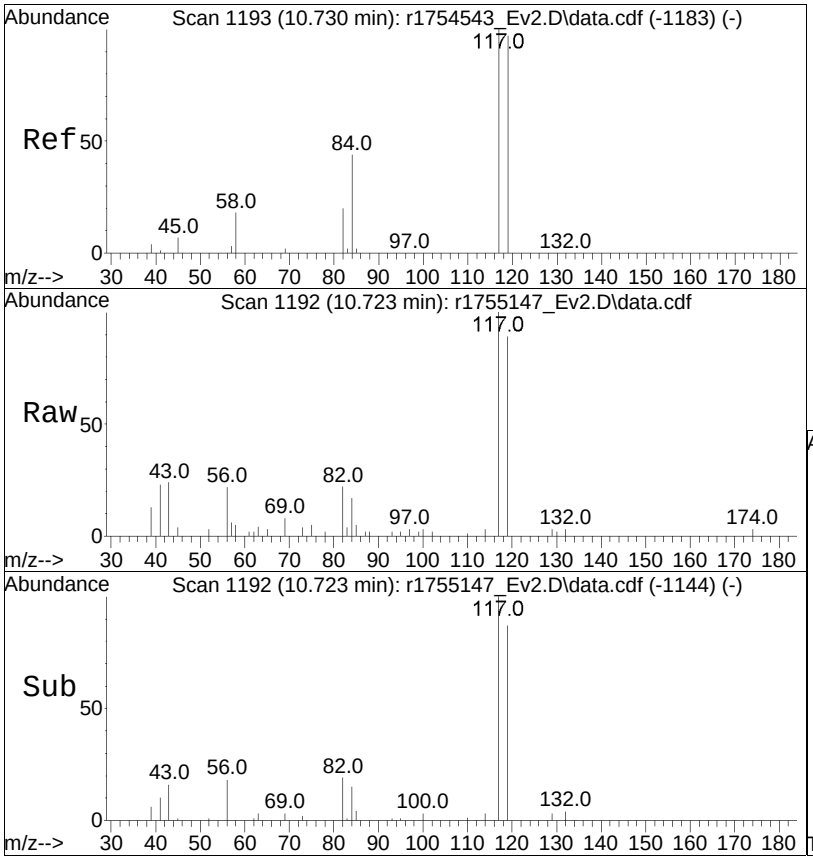


#38
benzene
Concen: 0.15 ppbV
RT: 10.550 min Scan# 1166
Delta R.T. -0.007 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 78 Resp: 11254

Ion	Ratio	Lower	Upper
78	100		
52	15.4	12.7	19.1

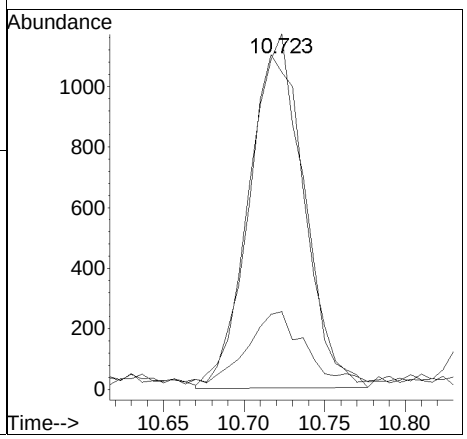


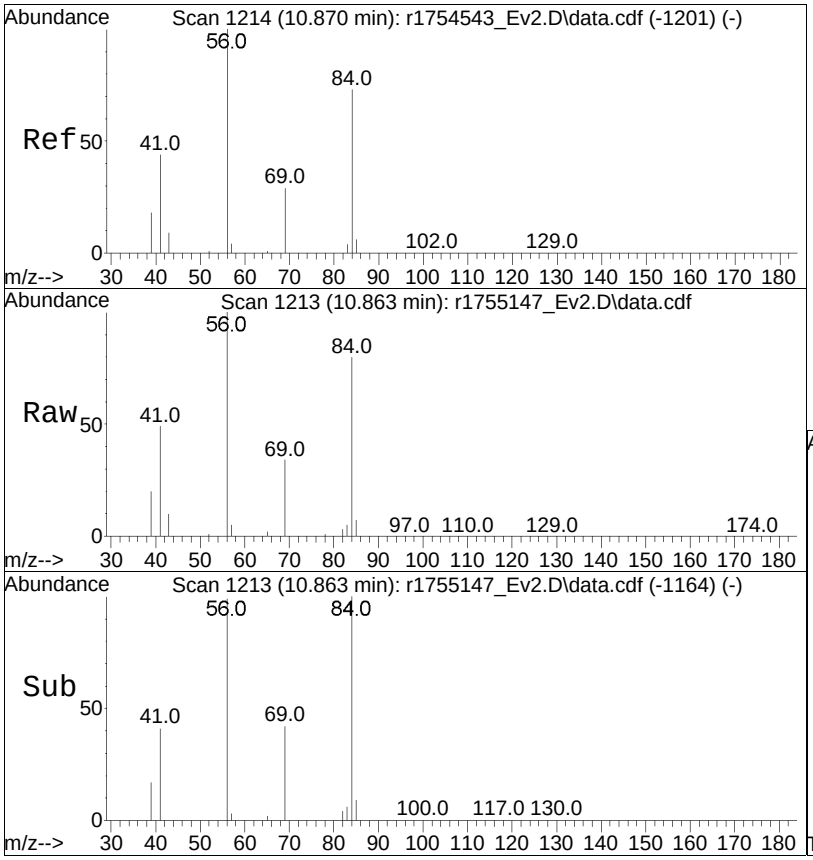


#39
carbon tetrachloride
Concen: 0.08 ppbV
RT: 10.723 min Scan# 1192
Delta R.T. -0.007 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:117 Resp: 2736

Ion	Ratio	Lower	Upper
117	100		
119	89.3	77.3	115.9
82	21.9	16.2	24.2

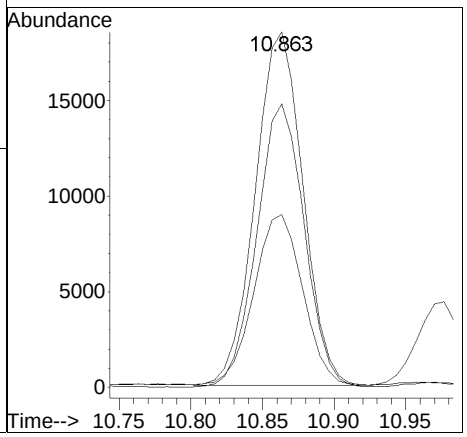


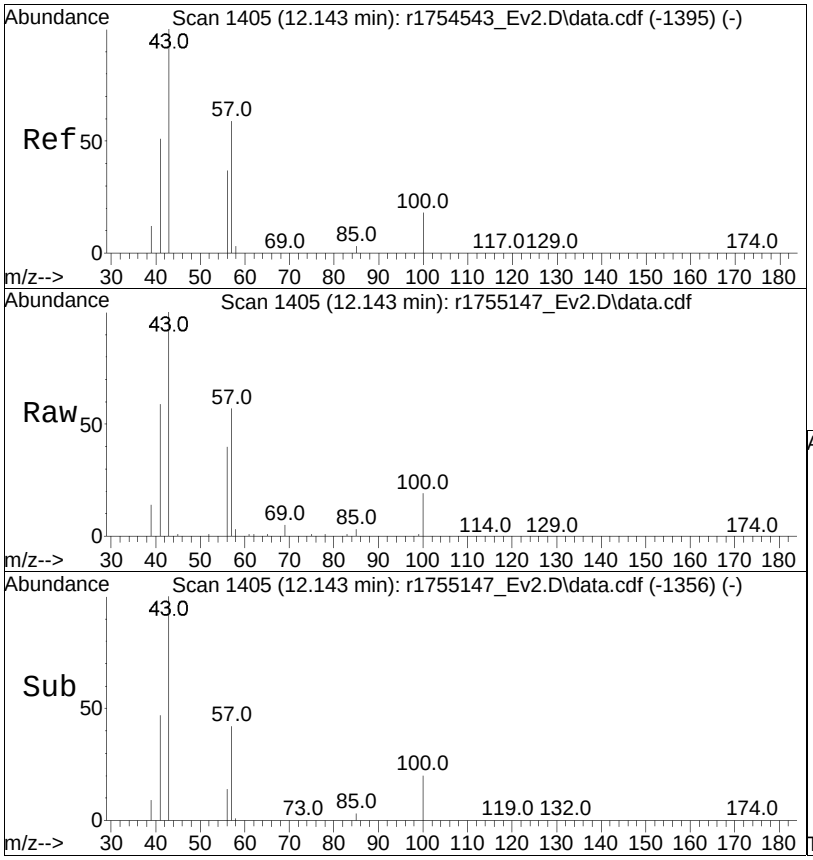


#40
cyclohexane
Concen: 1.04 ppbV
RT: 10.863 min Scan# 1213
Delta R.T. -0.007 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 56 Resp: 42790

Ion	Ratio	Lower	Upper
56	100		
84	79.8	58.6	87.8
41	48.7	35.6	53.4

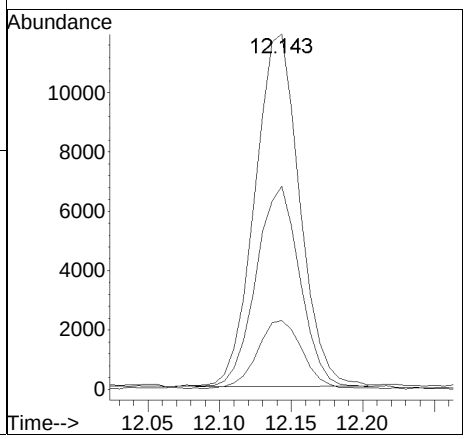


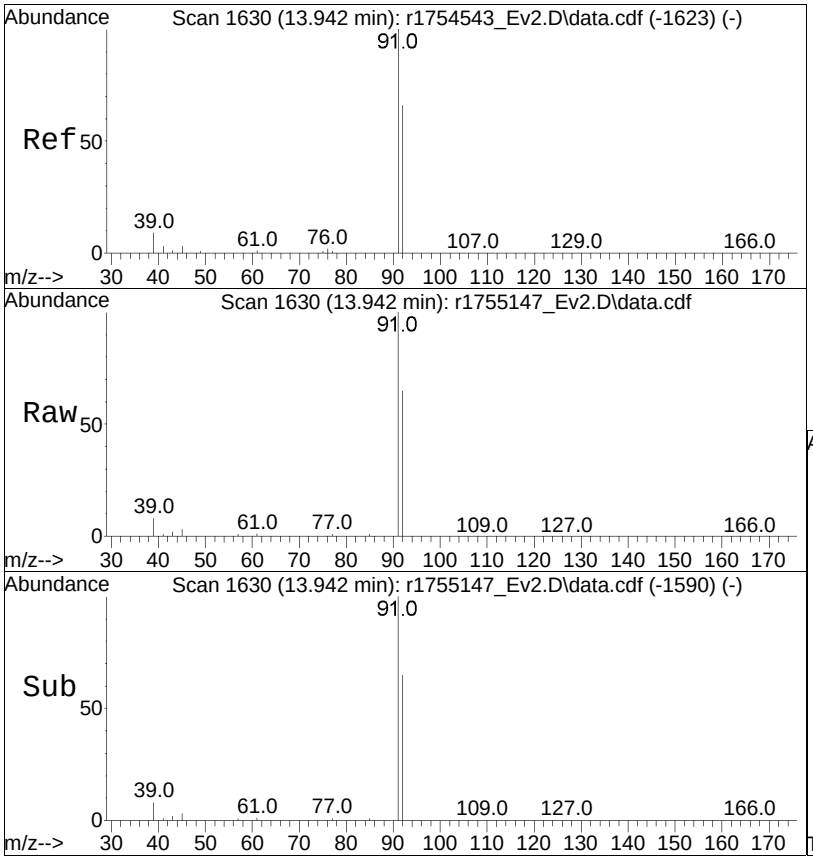


#47
heptane
Concen: 0.62 ppbV
RT: 12.143 min Scan# 1405
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 43 Resp: 25824

Ion	Ratio	Lower	Upper
43	100		
57	57.2	47.2	70.8
100	19.4	14.9	22.3

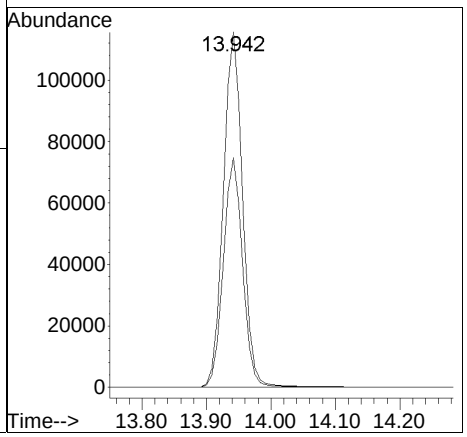


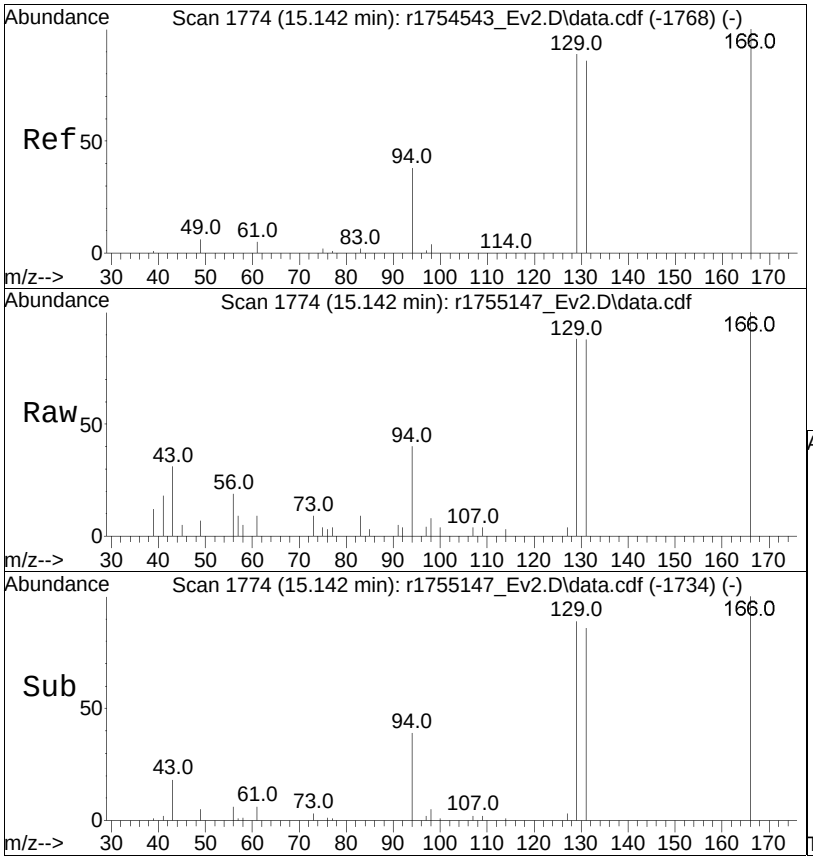


#53
toluene
Concen: 2.78 ppbV
RT: 13.942 min Scan# 1630
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 91 Resp: 239958

Ion	Ratio	Lower	Upper
91	100		
92	64.6	52.6	78.8

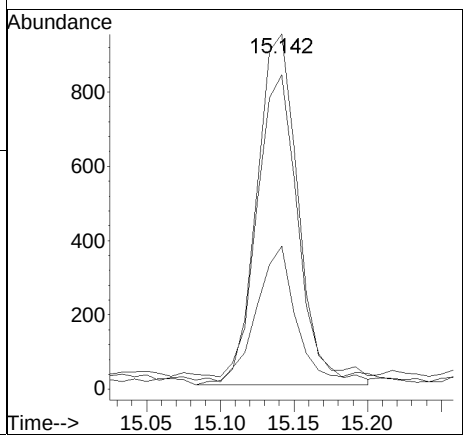


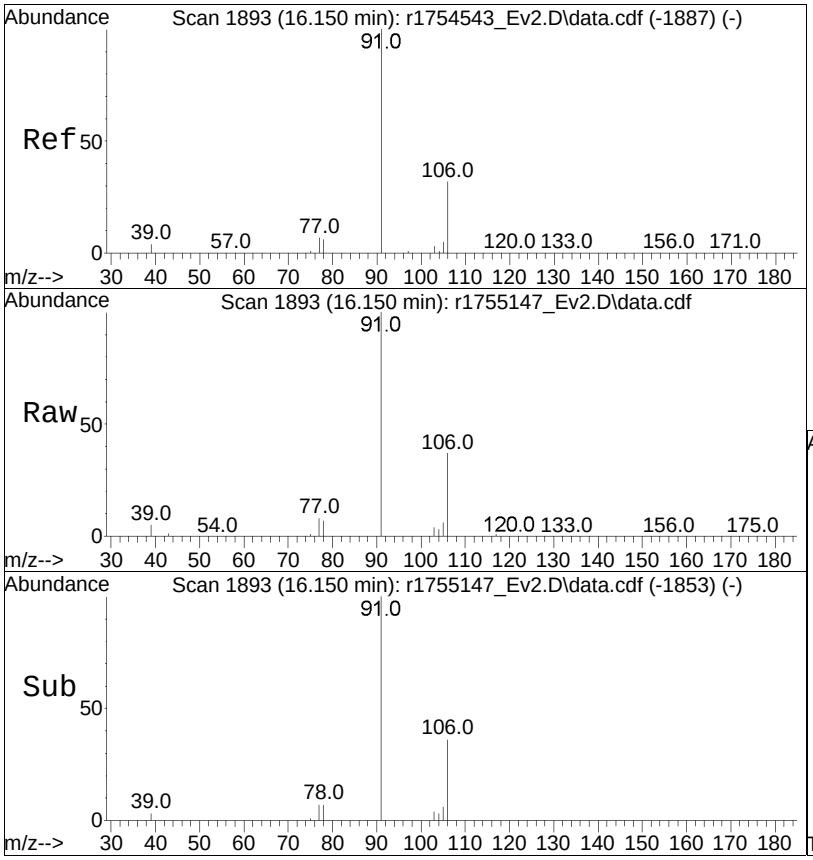


#58
tetrachloroethene
Concen: 0.06 ppbV
RT: 15.142 min Scan# 1774
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:166 Resp: 1841

Ion	Ratio	Lower	Upper
166	100		
131	88.5	69.1	103.7
94	40.3	30.7	46.1

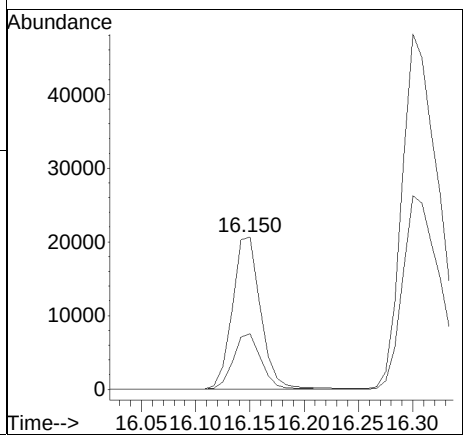


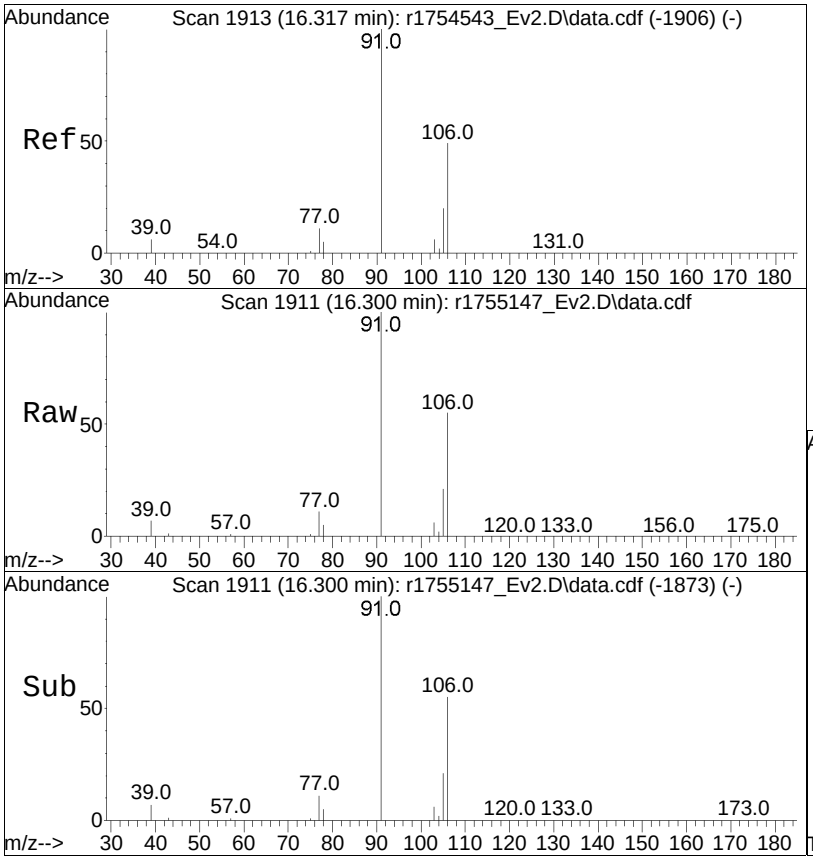


#61
ethylbenzene
Concen: 0.34 ppbV
RT: 16.150 min Scan# 1893
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 91 Resp: 37331

Ion	Ratio	Lower	Upper
91	100		
106	36.5	25.8	38.6

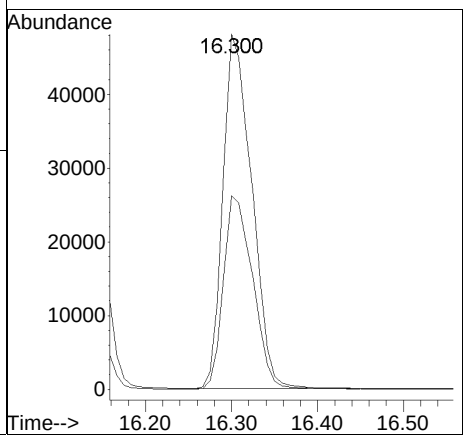


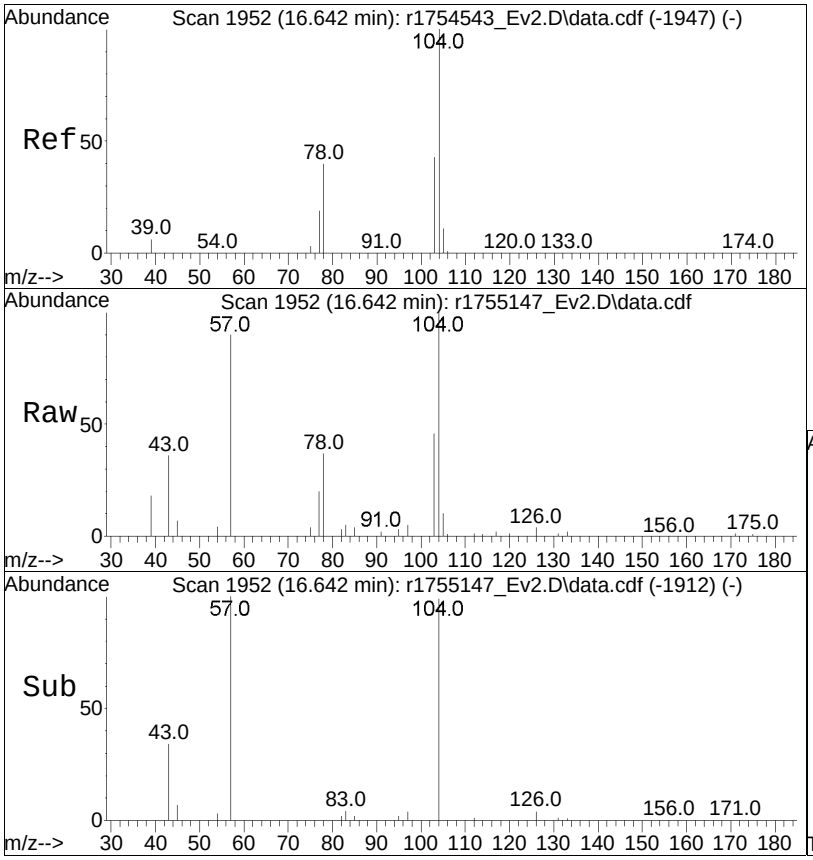


#62
m+p-xylene
Concen: 1.32 ppbV
RT: 16.300 min Scan# 1911
Delta R.T. -0.017 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 91 Resp: 112348

Ion	Ratio	Lower	Upper
91	100		
106	54.5	39.4	59.0

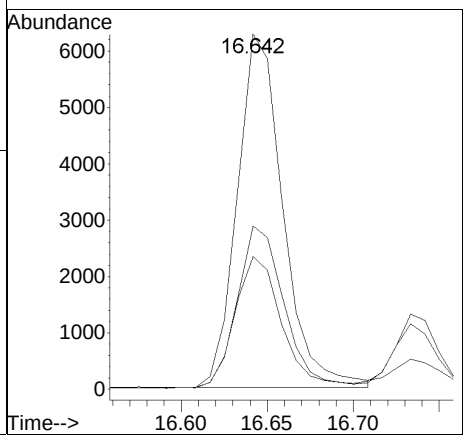


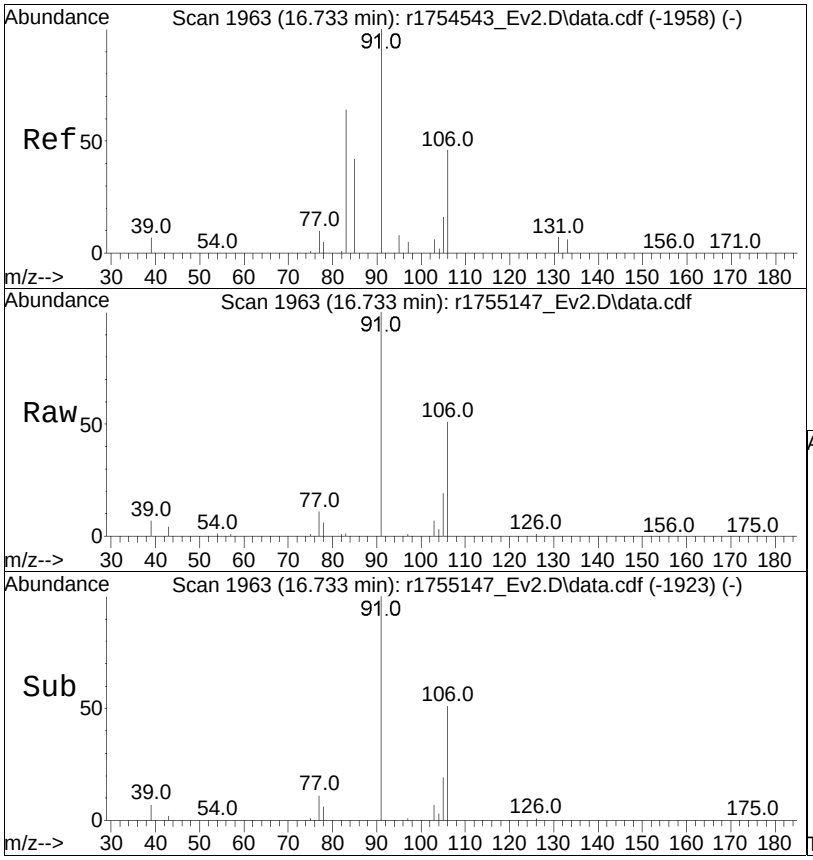


#64
styrene
Concen: 0.20 ppbV
RT: 16.642 min Scan# 1952
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:104 Resp: 11585

Ion	Ratio	Lower	Upper
104	100		
103	46.0	34.8	52.2
78	37.4	31.8	47.8

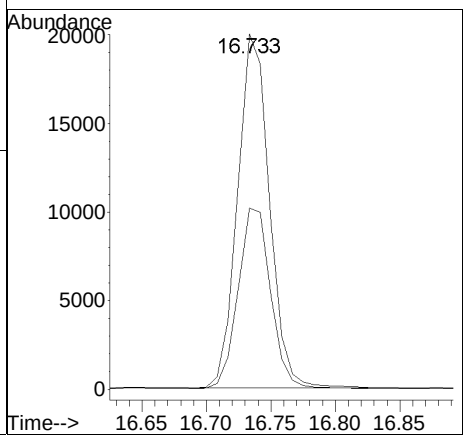


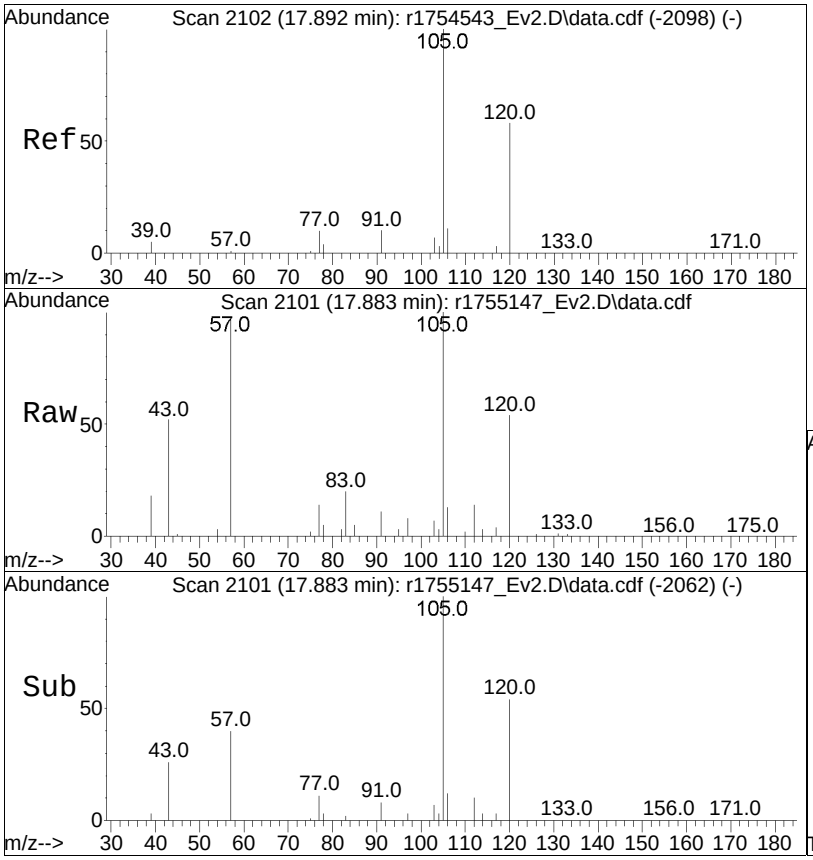


#66
o-xylene
Concen: 0.40 ppbV
RT: 16.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion: 91 Resp: 34305

Ion	Ratio	Lower	Upper
91	100		
106	51.0	37.0	55.4

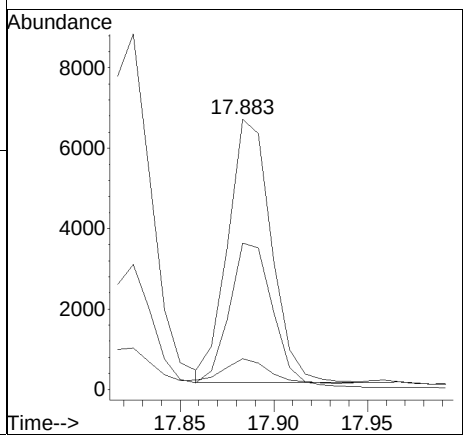


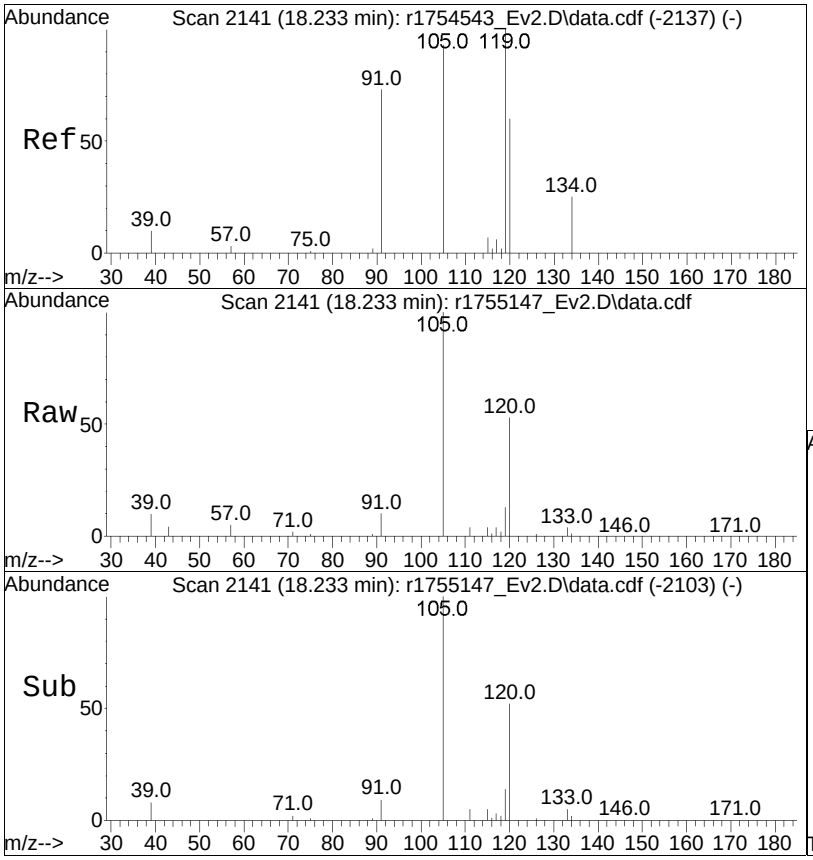


#72
1,3,5-trimethylbenzene
Concen: 0.12 ppbV
RT: 17.883 min Scan# 2101
Delta R.T. -0.008 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:105 Resp: 10590

Ion	Ratio	Lower	Upper
105	100		
120	54.2	46.2	69.4
91	11.4	8.0	12.0

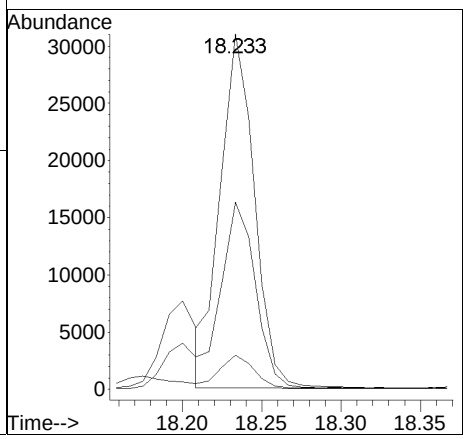




#74
1,2,4-trimethylbenzene
Concen: 0.54 ppbV
RT: 18.233 min Scan# 2141
Delta R.T. 0.000 min
Lab File: r1755147_Ev2.D
Acq: 28 Mar 2026 9:35 AM

Tgt Ion:105 Resp: 46580

Ion	Ratio	Lower	Upper
105	100		
120	52.7	51.8	77.8
91	9.6	63.4	95.2#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TSIM17_260305.M
Data File	: r1755147_Ev2.D	Operator	: AIRLAB17:SL
Date Inj'd	: 3/28/2026 9:35 AM	Instrument	:
Sample	: L2612589-01,3,250,250	Quant Date	: 3/28/2026 12:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755148_Ev2.D
Acq On : 28 Mar 2026 10:13 AM
Operator : AIRLAB17:SL
Sample : L2612589-03,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:35 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.750	49	246313	10.000	ppbV	-0.02
Standard Area = 255556			Recovery =		96.38%	
34) 1,4-difluorobenzene	10.970	114	868321	10.000	ppbV	-0.01
Standard Area = 912824			Recovery =		95.12%	
52) chlorobenzene-D5	15.742	54	105353	10.000	ppbV	0.00
Standard Area = 110427			Recovery =		95.41%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.832	85	18678	0.498	ppbV	99
5) chloromethane	3.988	50	5441	0.307	ppbV	99
6) Freon-114	4.090	85	827	0.018	ppbV	92
7) vinyl chloride	4.204		0	N.D.		
9) bromomethane	4.606	94	212	0.012	ppbV #	79
10) chloroethane	0.000		0	N.D.	d	
11) ethanol	4.906	31	532000	30.006	ppbV #	85
15) trichlorofluoromethane	5.587	101	8609	0.224	ppbV	98
18) 1,1-dichloroethene	6.258		0	N.D.		
19) tertiary butyl alcohol	6.306	59	46042M3	1.199	ppbV	
20) methylene chloride	6.396	49	2965	0.143	ppbV	93
23) Freon 113	6.696	101	3492	0.083	ppbV	98
24) trans-1,2-dichloroethene	7.417	61	1296	0.042	ppbV	91
25) 1,1-dichloroethane	7.667	63	1739	0.042	ppbV	95
26) MTBE	0.000		0	N.D.	d	
28) 2-butanone	8.075	43	40193	1.106	ppbV	99
29) cis-1,2-dichloroethene	8.575	61	435	0.014	ppbV	97
31) chloroform	8.908	83	1801	0.049	ppbV #	93
33) 1,2-dichloroethane	9.742	62	568	0.023	ppbV #	67
35) hexane	8.825	57	85619	2.151	ppbV #	22
37) 1,1,1-trichloroethane	10.025	97	484408	12.436	ppbV	95
38) benzene	10.543	78	10472	0.138	ppbV	100
39) carbon tetrachloride	10.717	117	2533	0.076	ppbV	94
40) cyclohexane	10.857	56	27719	0.685	ppbV	89
42) 1,2-dichloropropane	11.483		0	N.D.		
43) bromodichloromethane	0.000		0	N.D.	d	
44) 1,4-dioxane	0.000		0	N.D.	d	
45) trichloroethene	11.763	130	441	0.011	ppbV #	87

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755148_Ev2.D
Acq On : 28 Mar 2026 10:13 AM
Operator : AIRLAB17:SL
Sample : L2612589-03,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:35 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

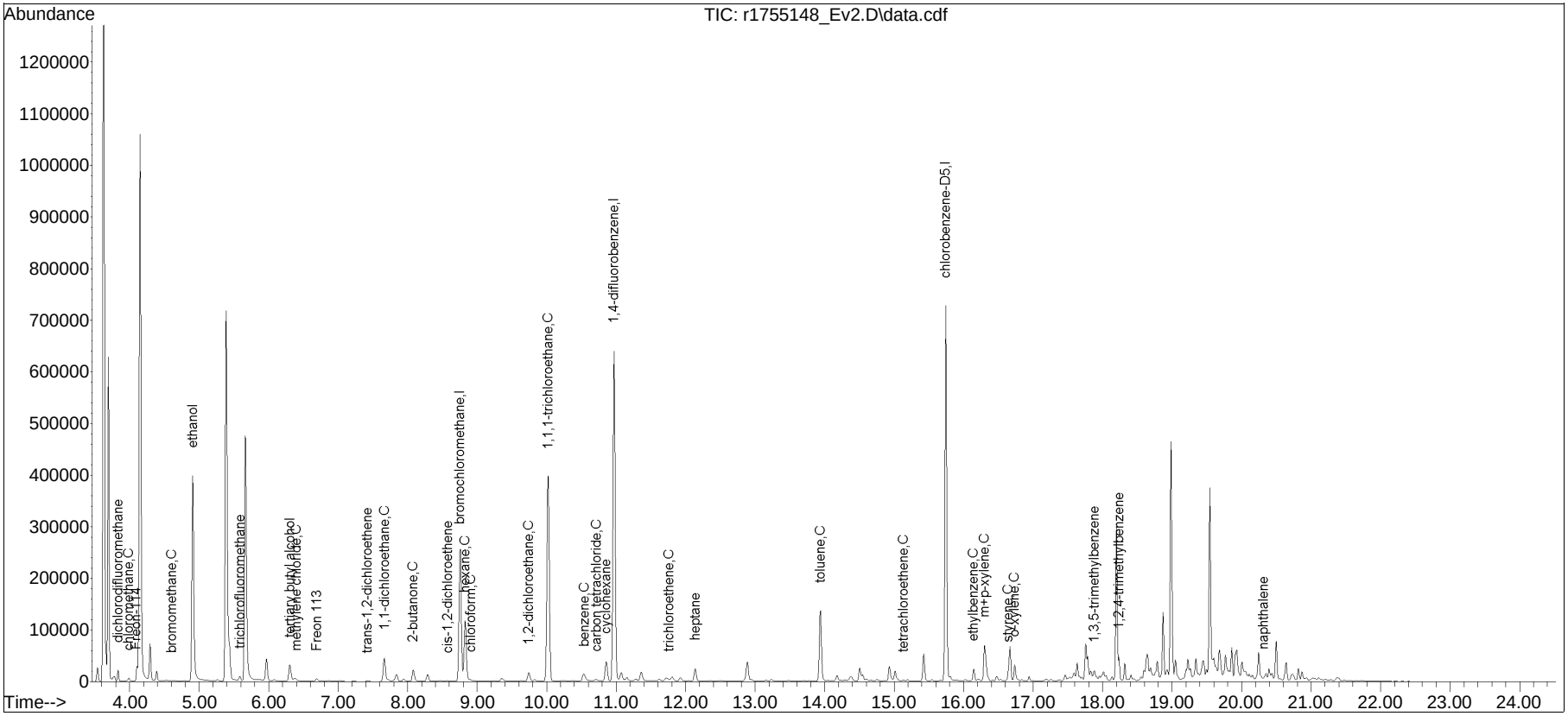
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D. d		
47) heptane	12.137	43	17205	0.416	ppbV	97
48) cis-1,3-dichloropropene	12.833		0	N.D.		
49) 4-methyl-2-pentanone	12.942		0	N.D.		
50) trans-1,3-dichloropropene	13.358		0	N.D.		
51) 1,1,2-trichloroethane	13.700		0	N.D.		
53) toluene	13.942	91	160016	1.943	ppbV	99
56) dibromochloromethane	0.000		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.133	166	1217	0.038	ppbV	97
60) chlorobenzene	0.000		0	N.D. d		
61) ethylbenzene	16.142	91	25297	0.243	ppbV	96
62) m+p-xylene	16.300	91	75956	0.935	ppbV	92
63) bromoform	16.375		0	N.D.		
64) styrene	16.642	104	8957	0.160	ppbV #	83
65) 1,1,2,2-tetrachloroethane	0.000		0	N.D. d		
66) o-xylene	16.733	91	25093	0.304	ppbV	91
72) 1,3,5-trimethylbenzene	17.883	105	8418	0.102	ppbV	95
74) 1,2,4-trimethylbenzene	18.233	105	33855	0.410	ppbV #	49
75) Benzyl Chloride	0.000		0	N.D. d		
76) 1,3-dichlorobenzene	18.433		0	N.D.		
77) 1,4-dichlorobenzene	18.433		0	N.D.		
81) 1,2-dichlorobenzene	18.717		0	N.D.		
84) 1,2,4-trichlorobenzene	20.217		0	N.D.		
85) naphthalene	20.317	128	1438	0.015	ppbV #	86
87) hexachlorobutadiene	0.000		0	N.D.		

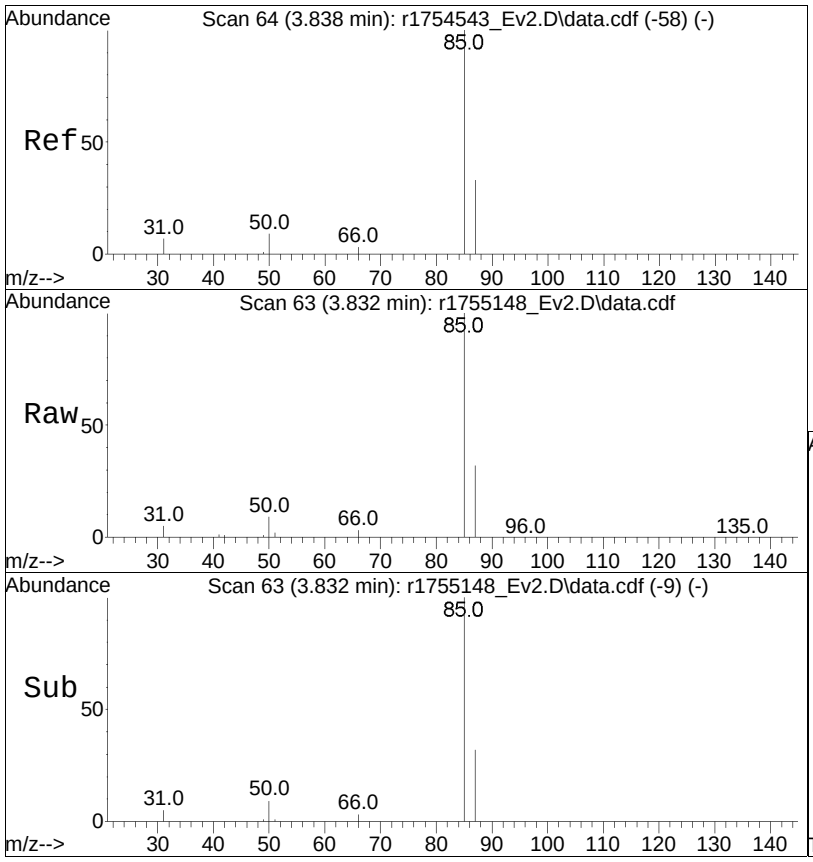
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755148_Ev2.D
Acq On : 28 Mar 2026 10:13 AM
Operator : AIRLAB17:SL
Sample : L2612589-03,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:35 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

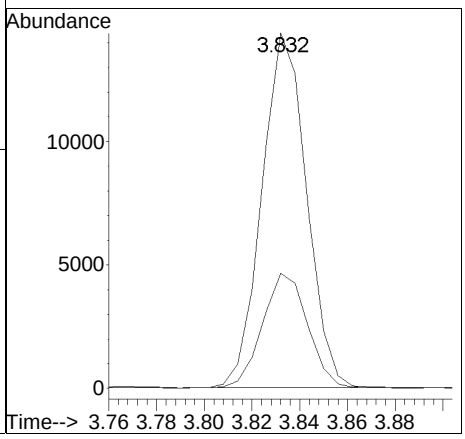


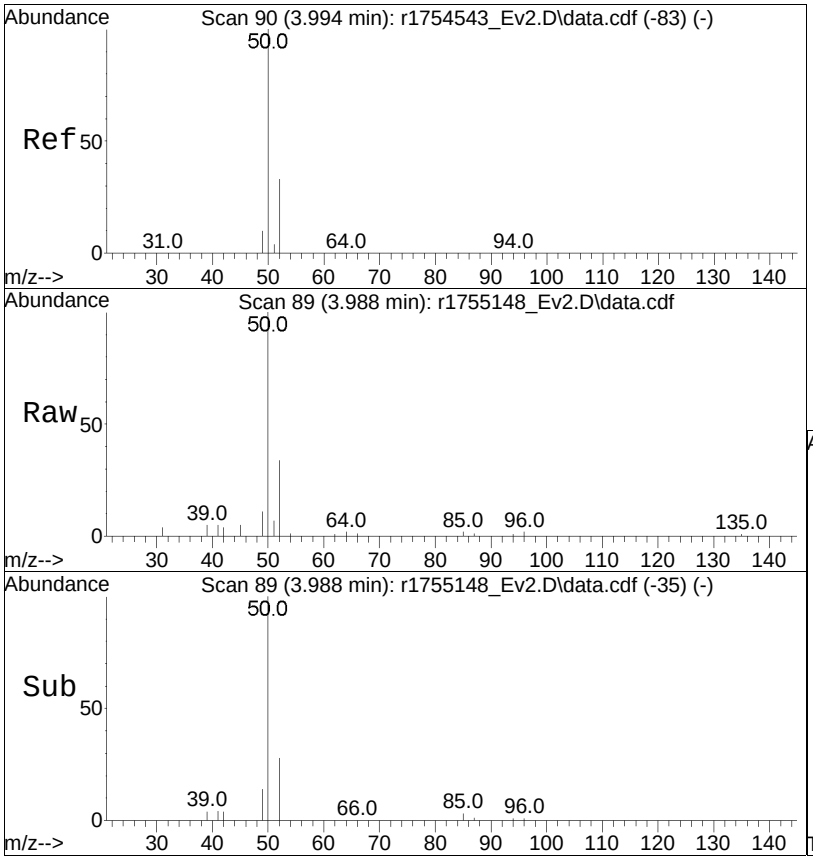


#4
dichlorodifluoromethane
Concen: 0.50 ppbV
RT: 3.832 min Scan# 63
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 85 Resp: 18678

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.2	39.4

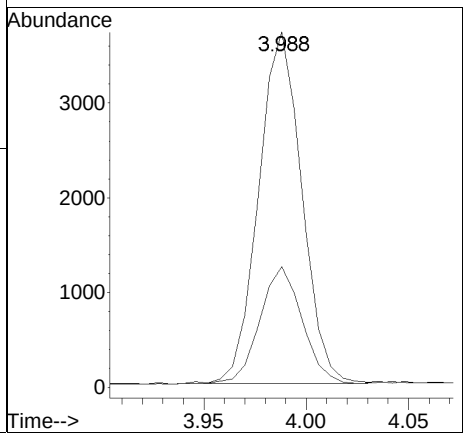


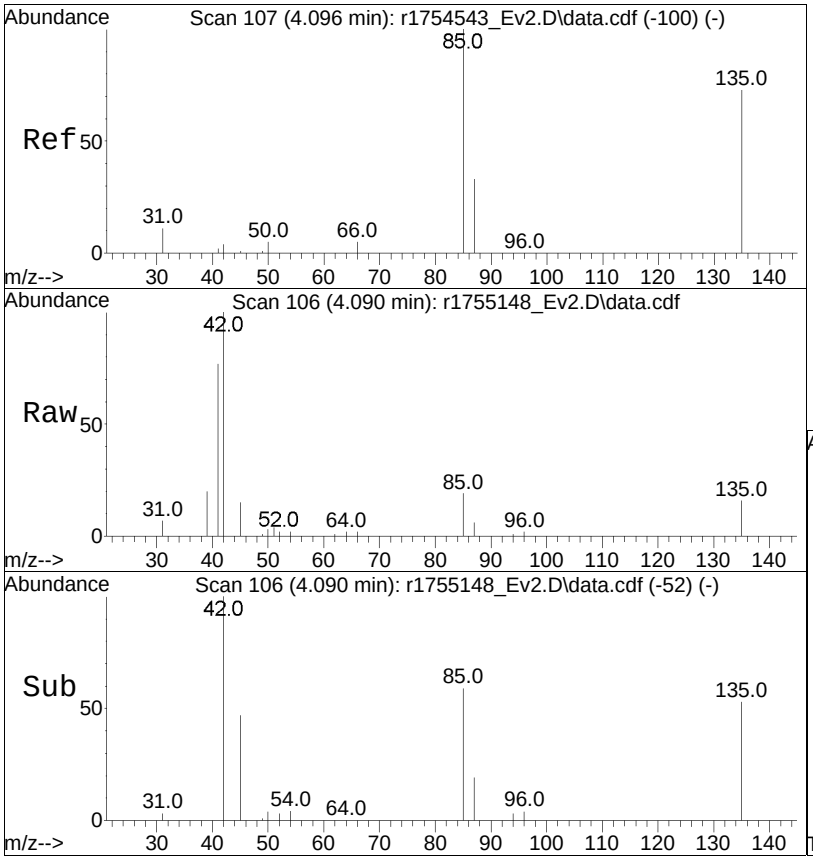


#5
chloromethane
Concen: 0.31 ppbV
RT: 3.988 min Scan# 89
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 50 Resp: 5441

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.6	39.8

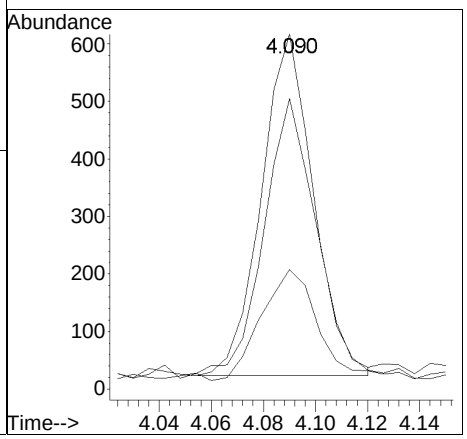


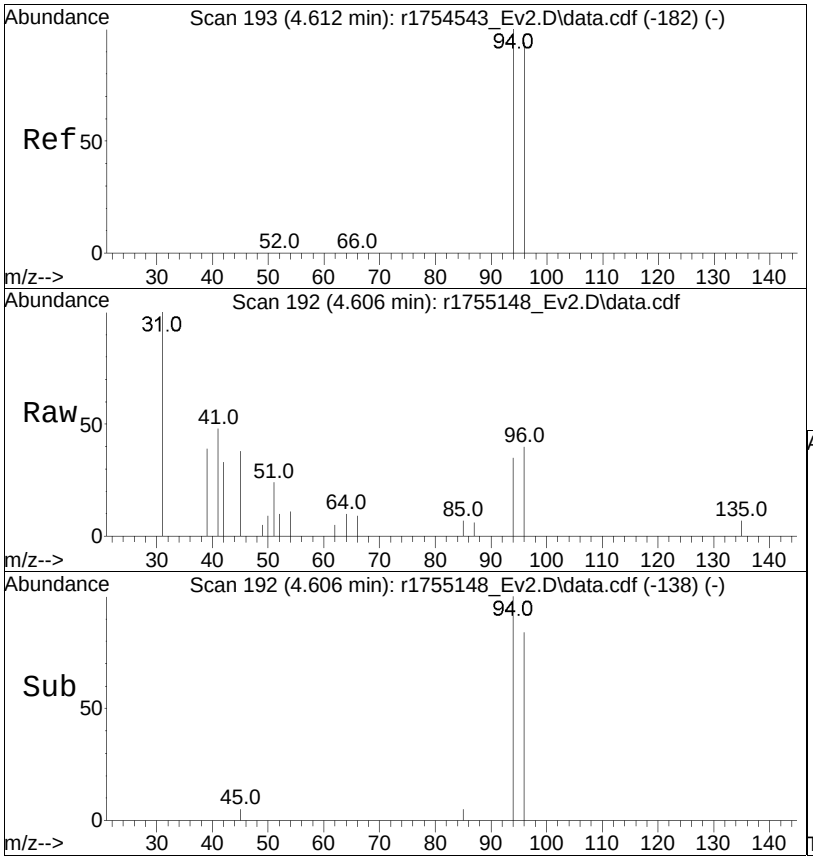


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.090 min Scan# 106
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 85 Resp: 827

Ion	Ratio	Lower	Upper
85	100		
87	33.7	26.2	39.4
135	81.8	58.1	87.1

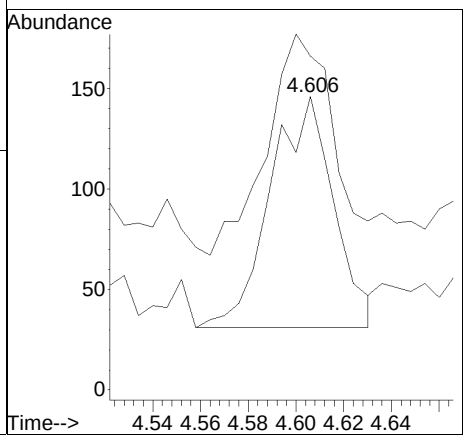


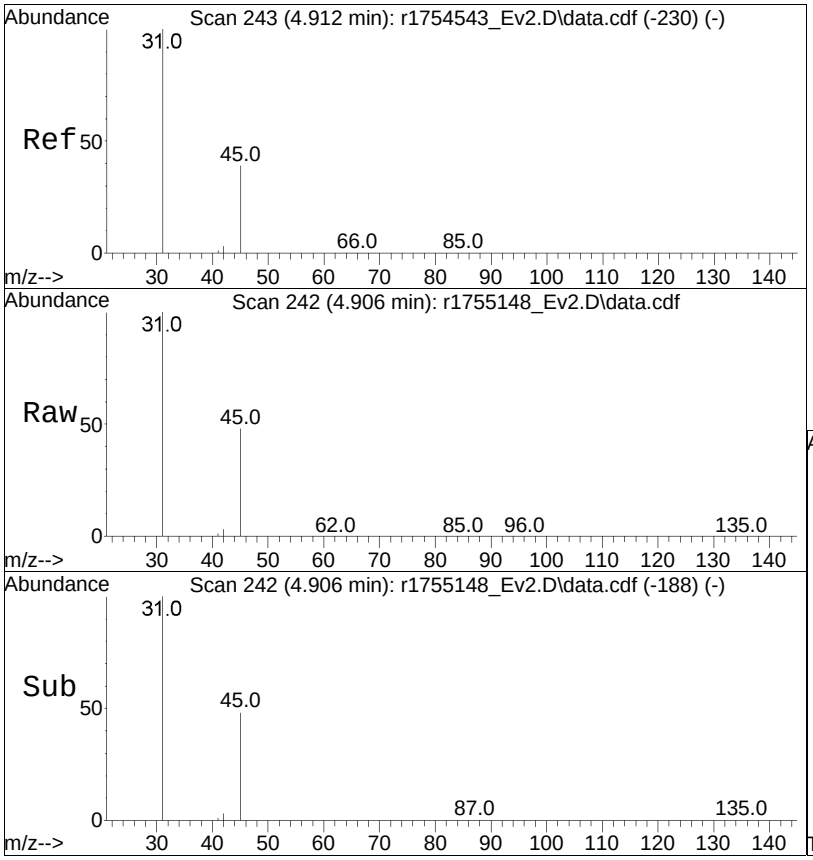


#9
bromomethane
Concen: 0.01 ppbV
RT: 4.606 min Scan# 192
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 94 Resp: 212

Ion	Ratio	Lower	Upper
94	100		
96	113.7	74.9	112.3#

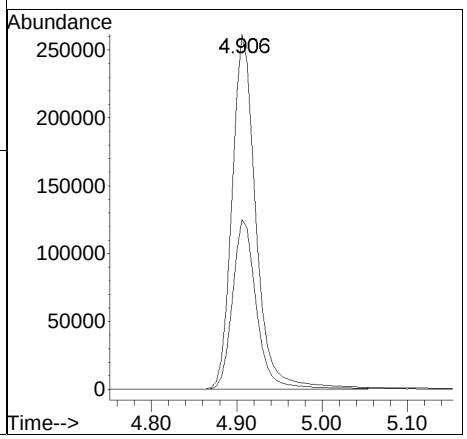


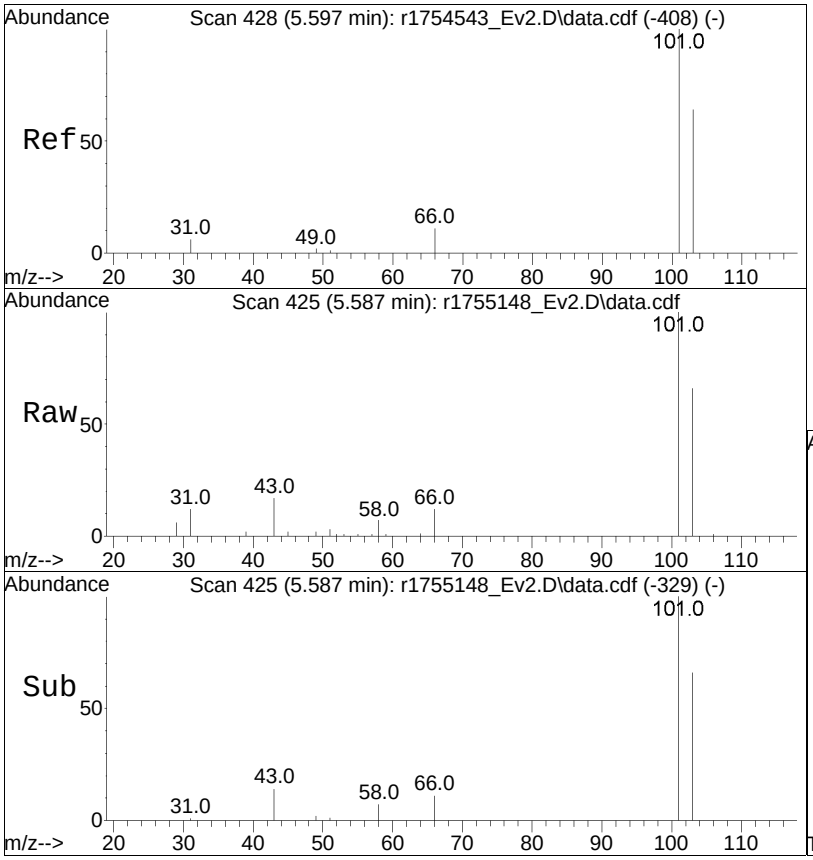


#11
ethanol
Concen: 30.01 ppbV
RT: 4.906 min Scan# 242
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 31 Resp: 532000

Ion	Ratio	Lower	Upper
31	100		
45	47.9	31.0	46.4#

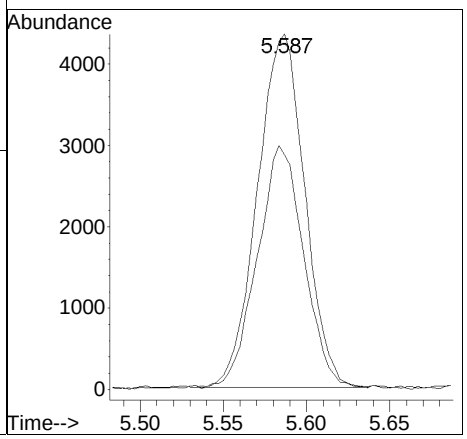


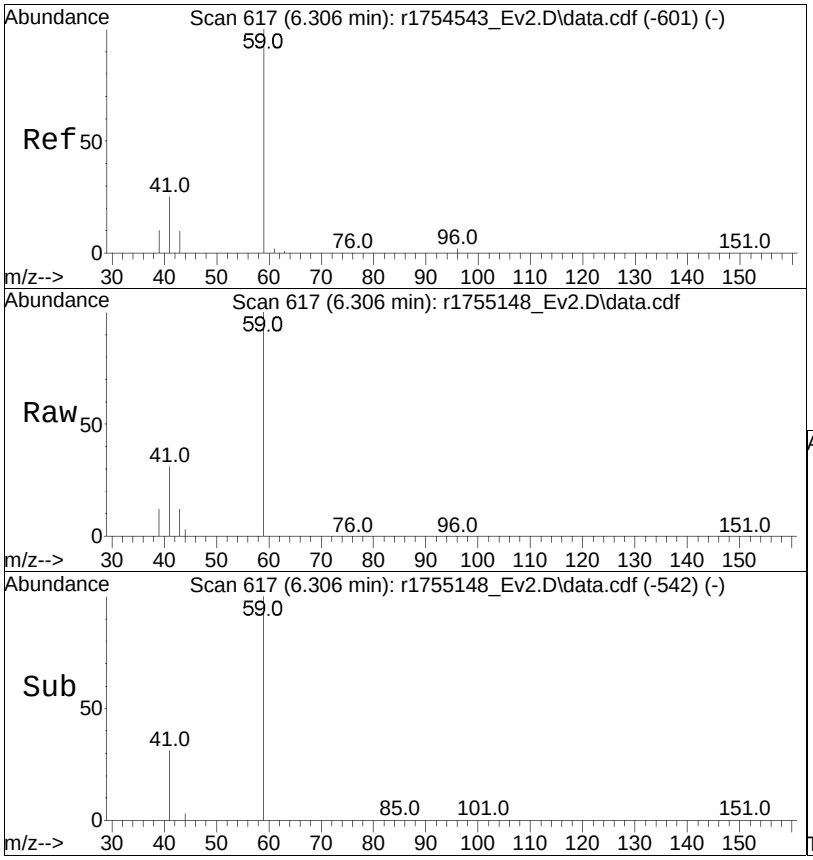


#15
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 5.587 min Scan# 425
Delta R.T. -0.010 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:101 Resp: 8609

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.4	77.0

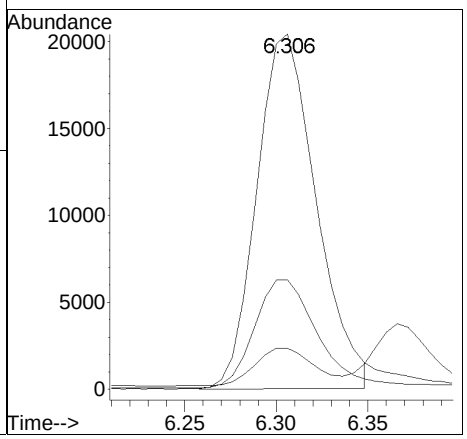


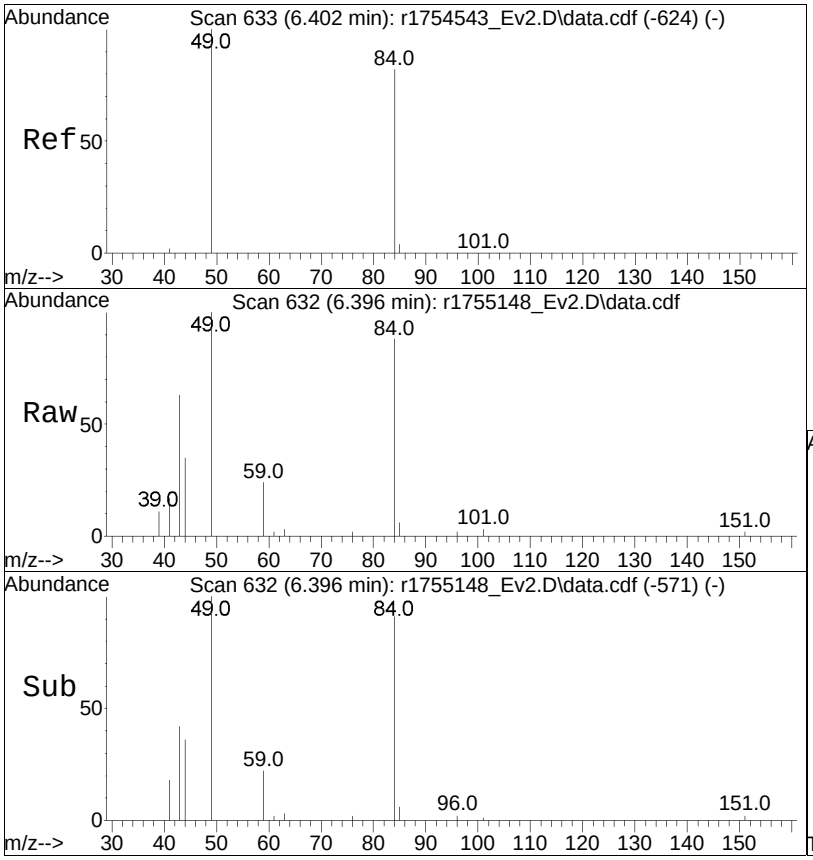


#19
tertiary butyl alcohol
Concen: 1.20 ppbV m
RT: 6.306 min Scan# 617
Delta R.T. 0.000 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 59 Resp: 46042

Ion	Ratio	Lower	Upper
59	100		
41	33.6	19.8	29.6#
43	10.5	7.4	11.0

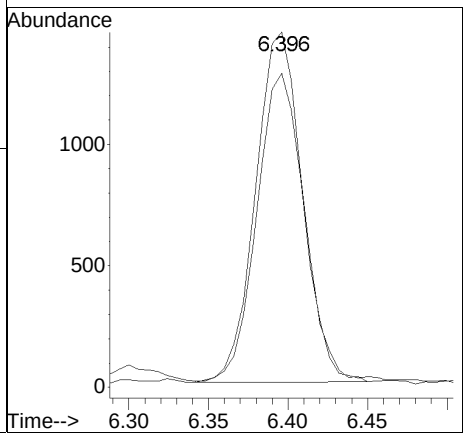


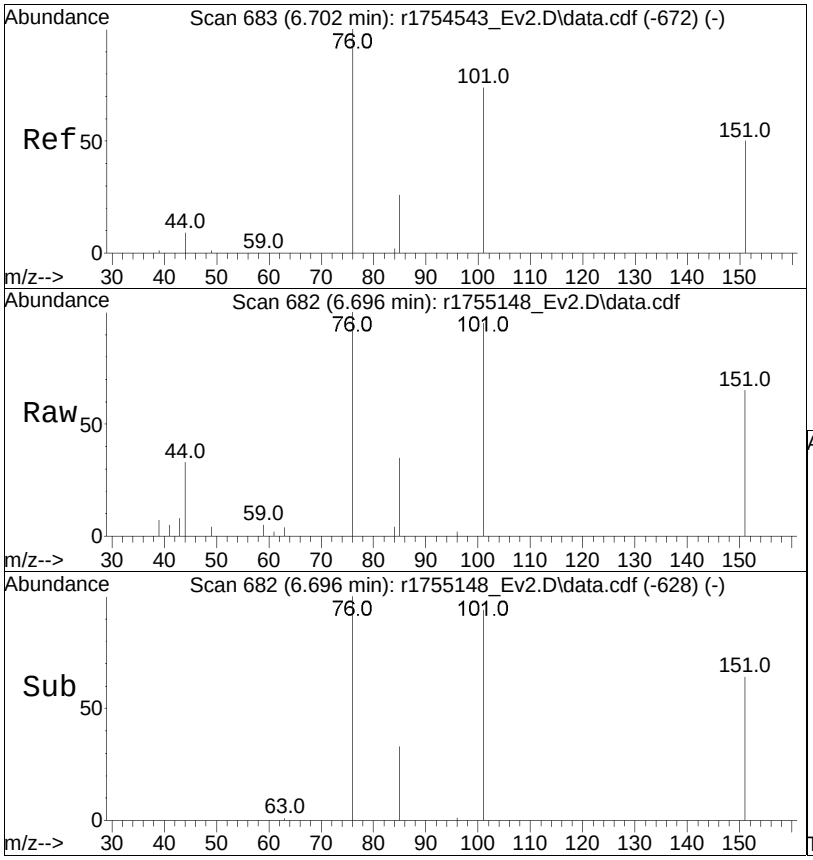


#20
methylene chloride
Concen: 0.14 ppbV
RT: 6.396 min Scan# 632
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 49 Resp: 2965

Ion	Ratio	Lower	Upper
49	100		
84	88.4	65.9	98.9

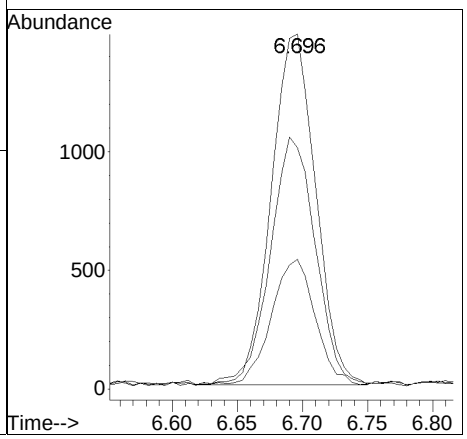


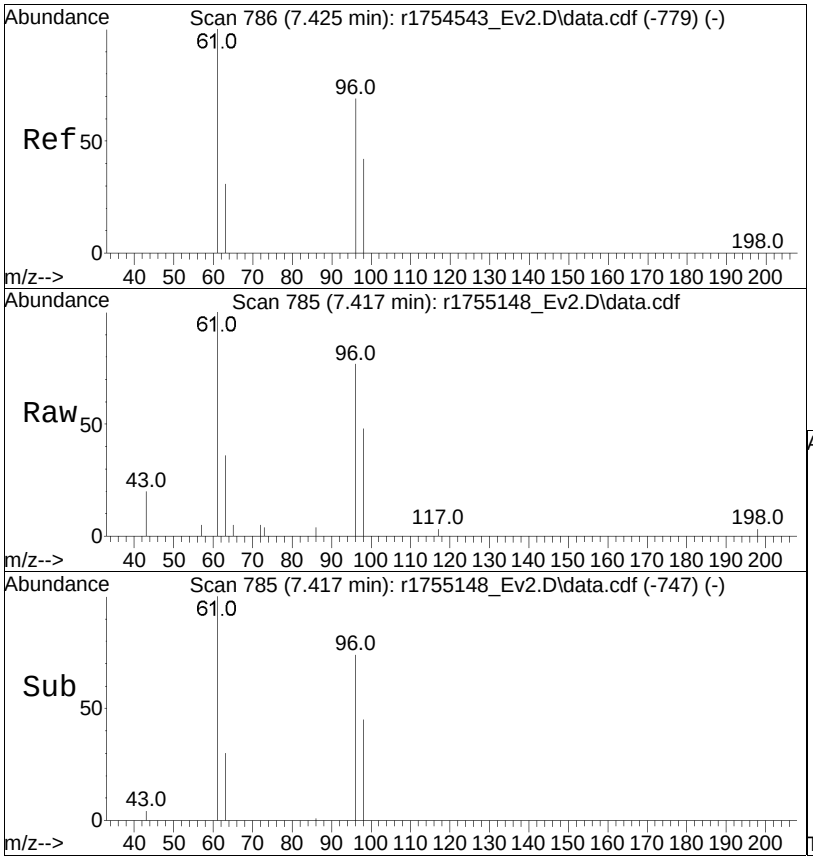


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.696 min Scan# 682
Delta R.T. -0.006 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:101 Resp: 3492

Ion	Ratio	Lower	Upper
101	100		
85	36.6	27.5	41.3
151	68.1	53.4	80.0

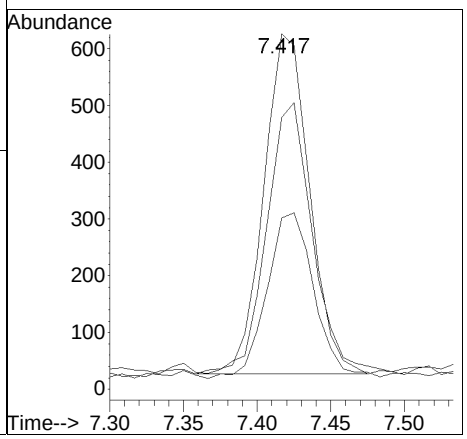


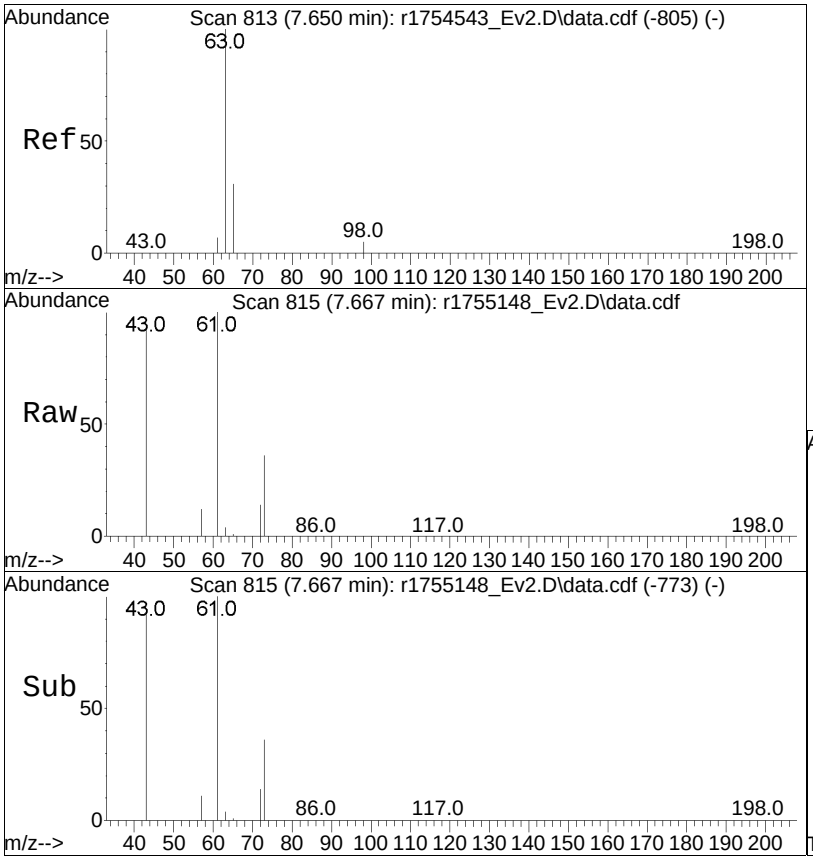


#24
trans-1,2-dichloroethene
Concen: 0.04 ppbV
RT: 7.417 min Scan# 785
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 61 Resp: 1296

Ion	Ratio	Lower	Upper
61	100		
96	76.5	55.3	82.9
98	48.2	33.9	50.9

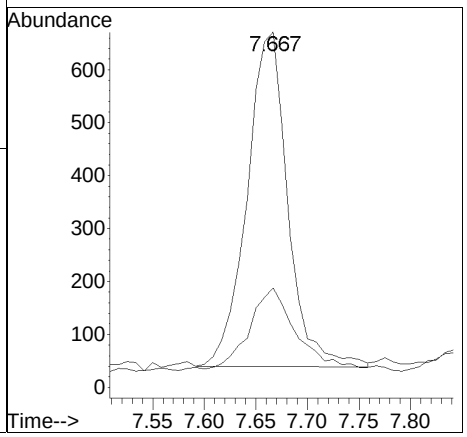


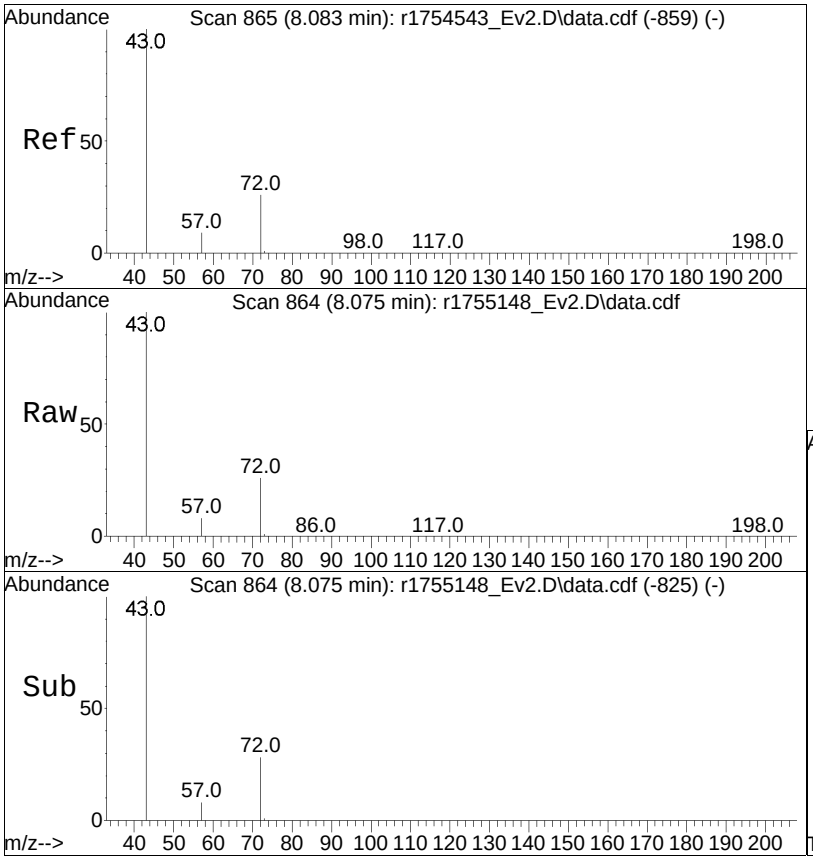


#25
1,1-dichloroethane
Concen: 0.04 ppbV
RT: 7.667 min Scan# 815
Delta R.T. 0.017 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 63 Resp: 1739

Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.6	36.8

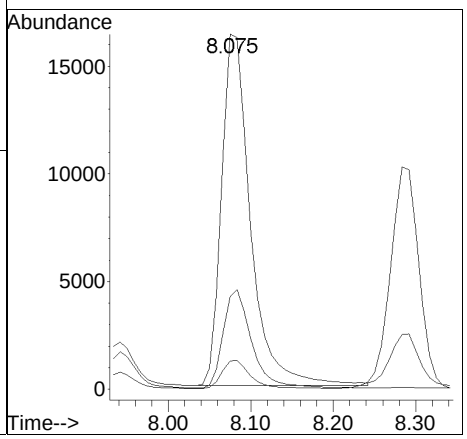


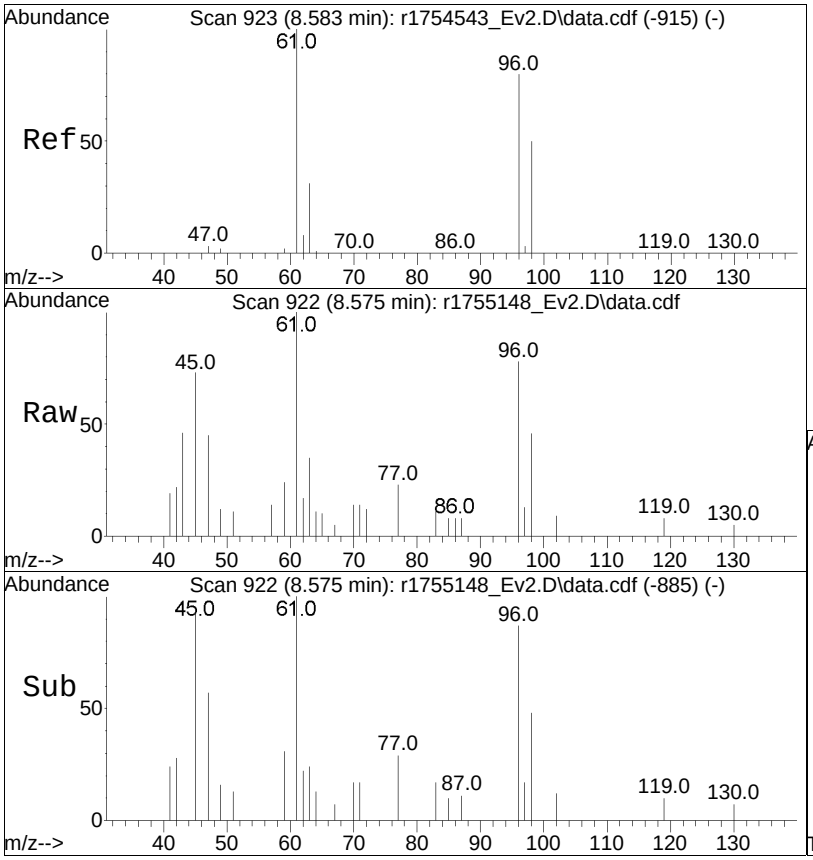


#28
2-butanone
Concen: 1.11 ppbV
RT: 8.075 min Scan# 864
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 43 Resp: 40193

Ion	Ratio	Lower	Upper
43	100		
72	26.1	20.7	31.1
57	8.0	6.9	10.3

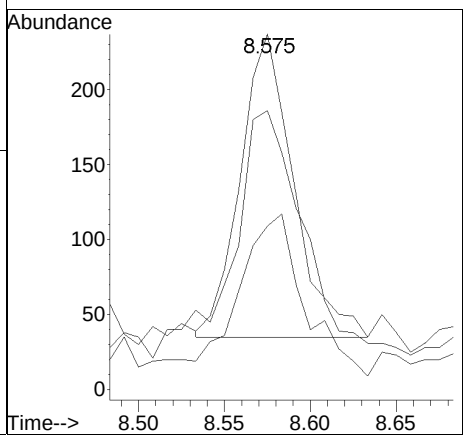


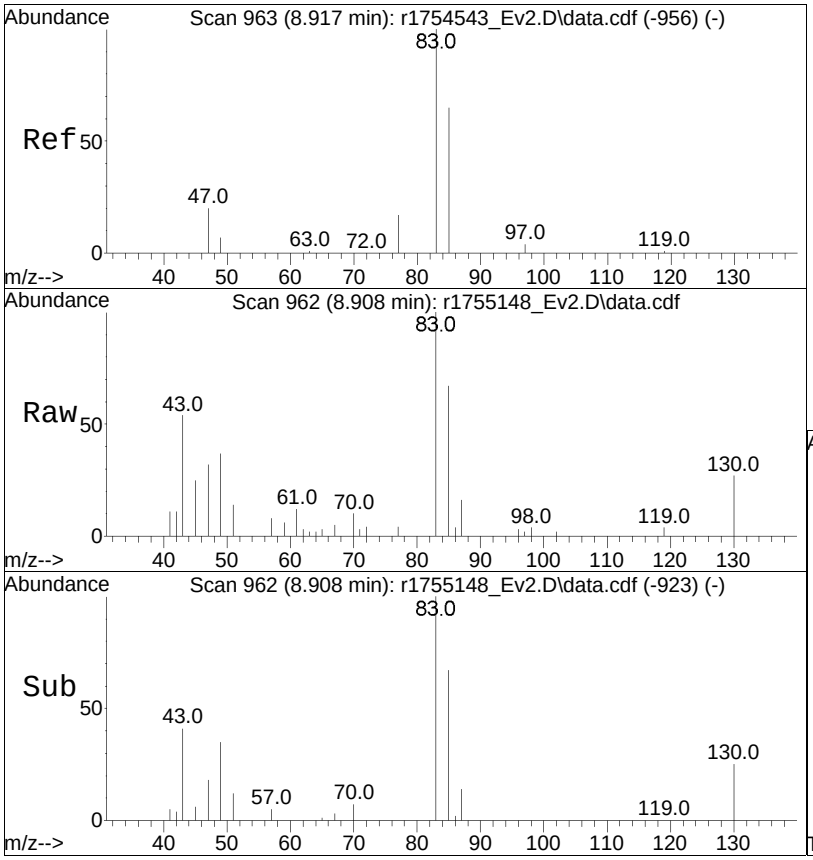


#29
cis-1,2-dichloroethene
Concen: 0.01 ppbV
RT: 8.575 min Scan# 922
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 61 Resp: 435

Ion	Ratio	Lower	Upper
61	100		
96	78.5	63.8	95.8
98	46.0	39.7	59.5

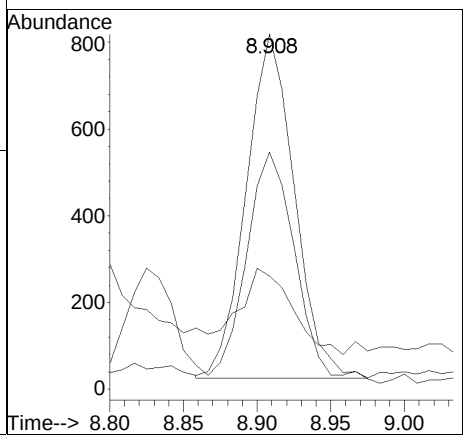


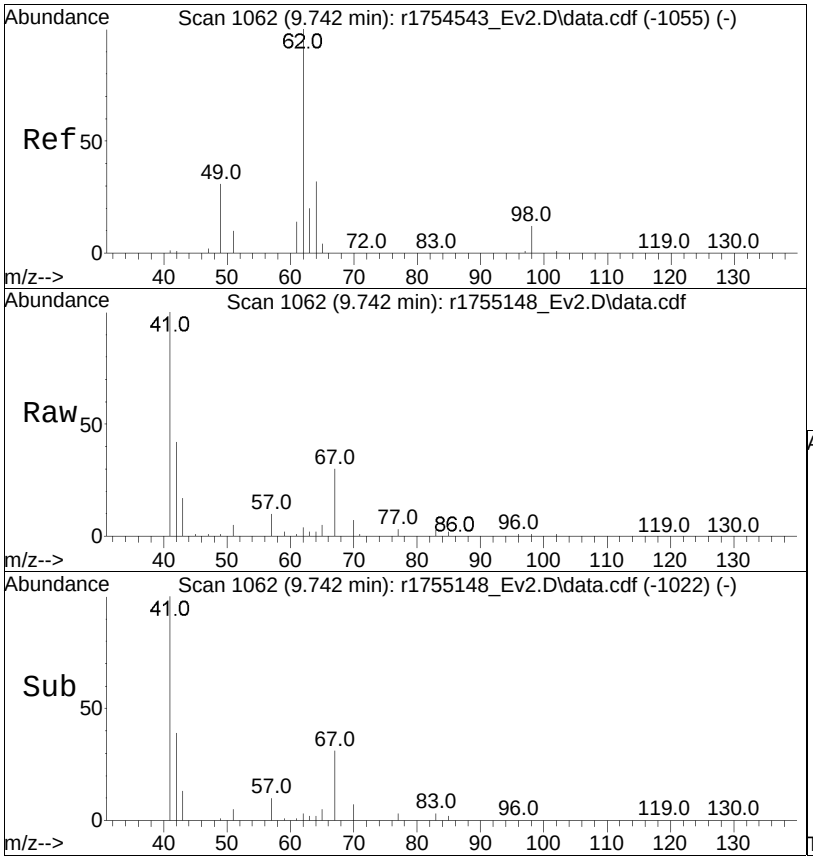


#31
chloroform
Concen: 0.05 ppbV
RT: 8.908 min Scan# 962
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 83 Resp: 1801

Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5
47	31.9	16.5	24.7#

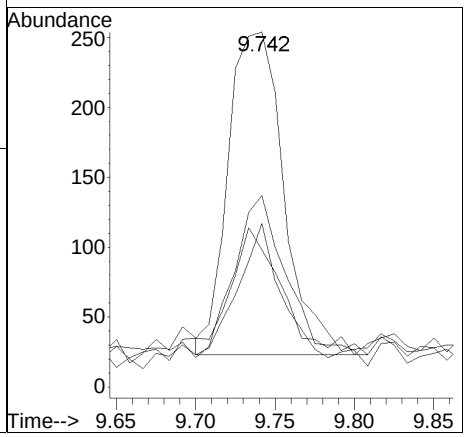


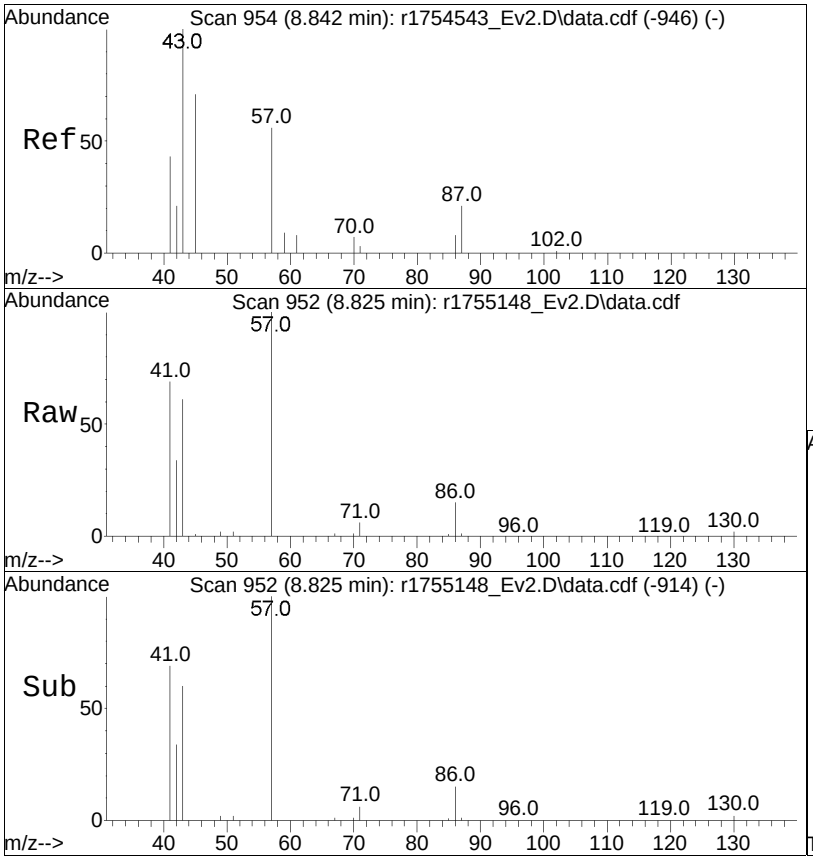


#33
1,2-dichloroethane
Concen: 0.02 ppbV
RT: 9.742 min Scan# 1062
Delta R.T. 0.000 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 62 Resp: 568

Ion	Ratio	Lower	Upper
62	100		
64	46.1	25.4	38.2#
49	38.6	24.6	37.0#
63	53.9	15.9	23.9#

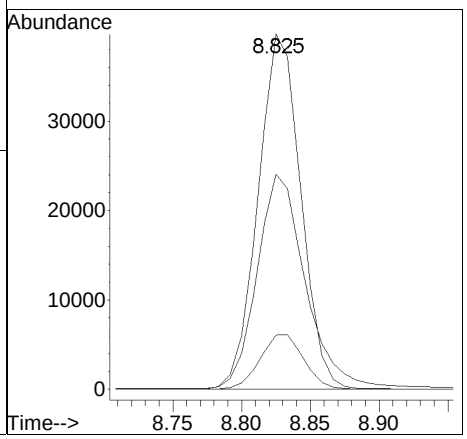


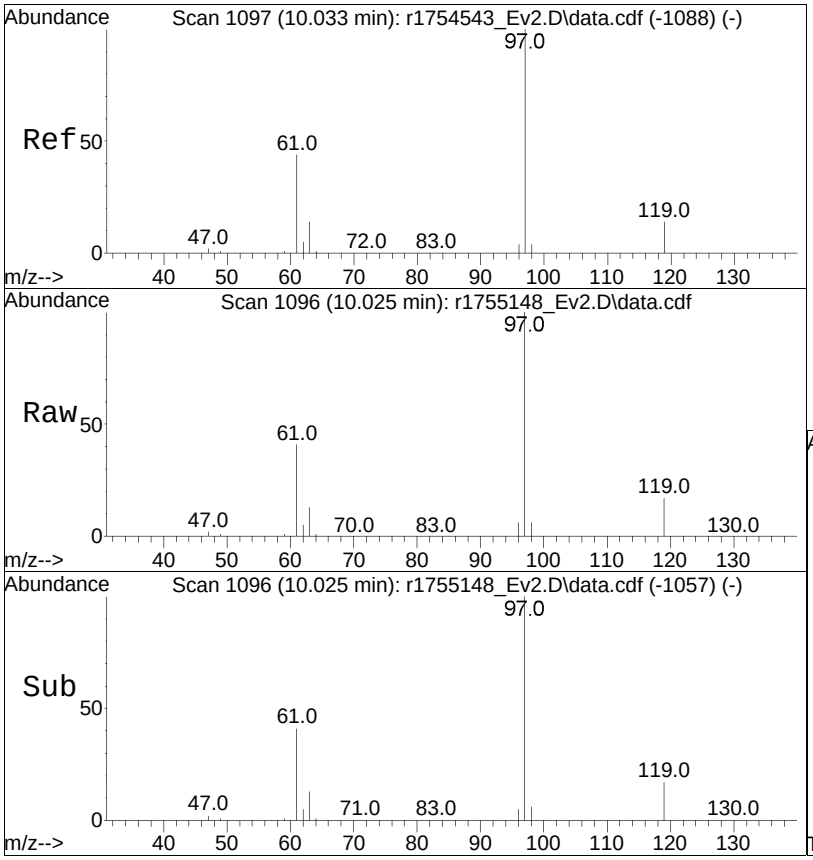


#35
hexane
Concen: 2.15 ppbV
RT: 8.825 min Scan# 952
Delta R.T. -0.017 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 57 Resp: 85619

Ion	Ratio	Lower	Upper
57	100		
43	60.6	143.4	215.2#
86	15.3	11.9	17.9

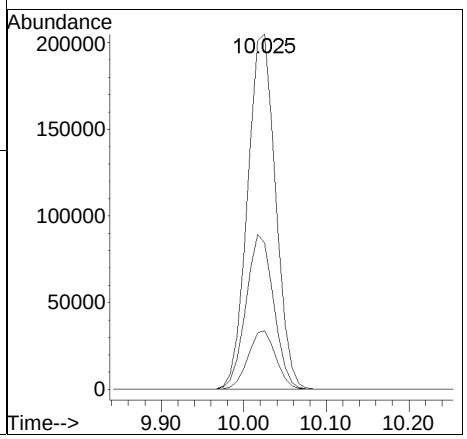


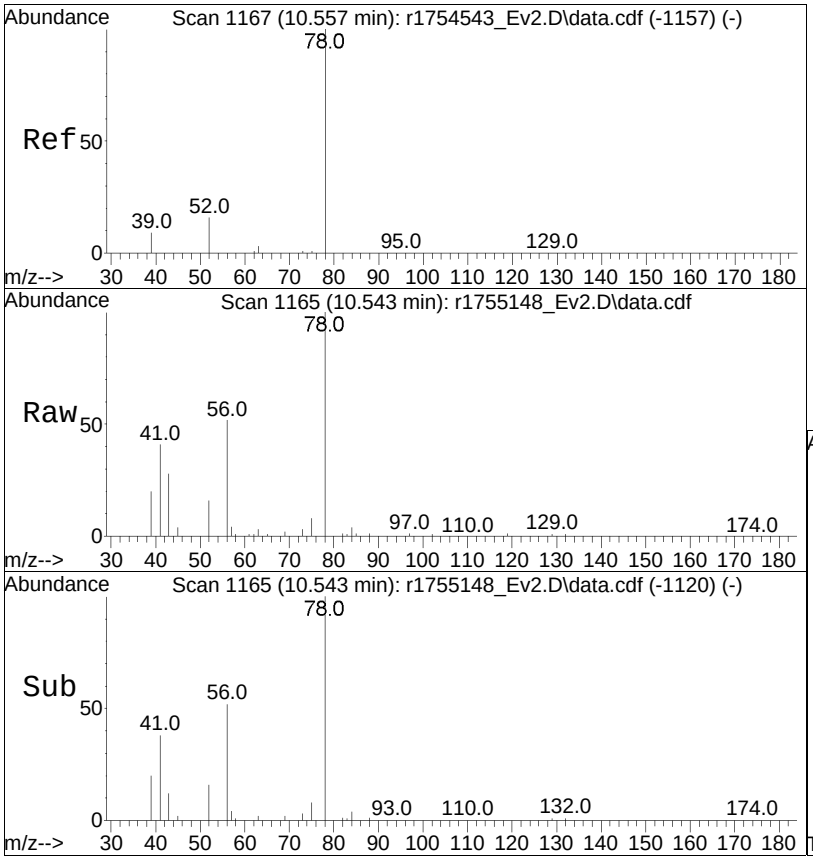


#37
1,1,1-trichloroethane
Concen: 12.44 ppbV
RT: 10.025 min Scan# 1096
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 97 Resp: 484408

Ion	Ratio	Lower	Upper
97	100		
61	41.3	35.3	52.9
119	16.5	11.2	16.8

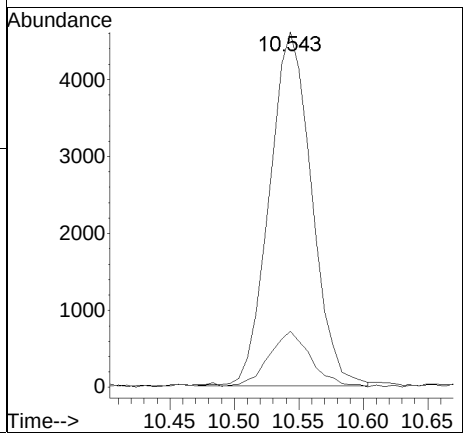


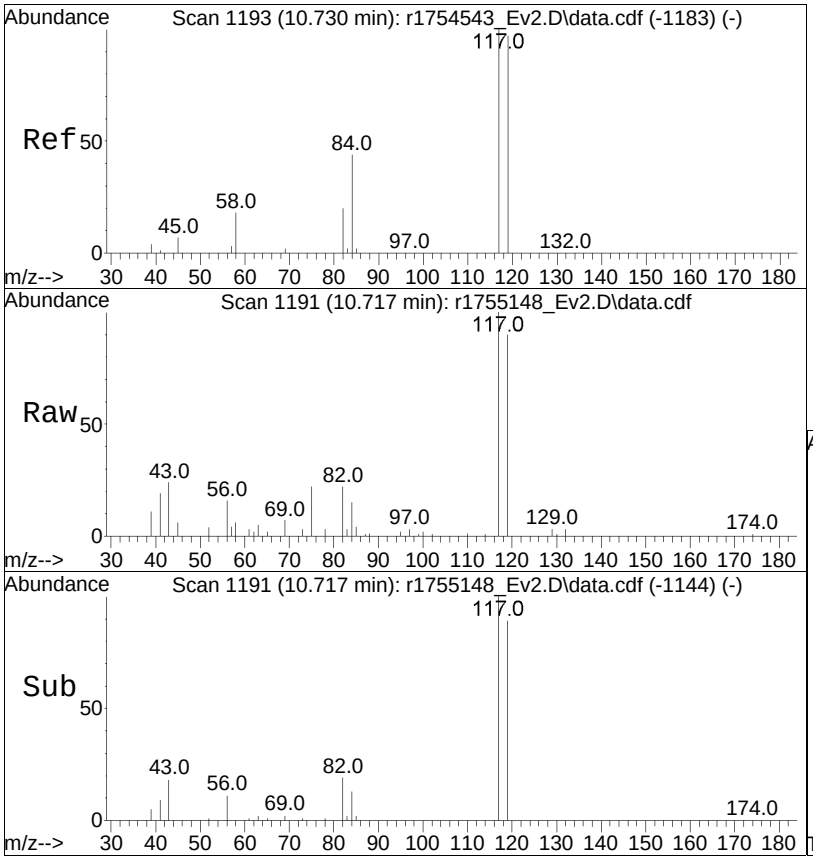


#38
benzene
Concen: 0.14 ppbV
RT: 10.543 min Scan# 1165
Delta R.T. -0.013 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 78 Resp: 10472

Ion	Ratio	Lower	Upper
78	100		
52	15.8	12.7	19.1

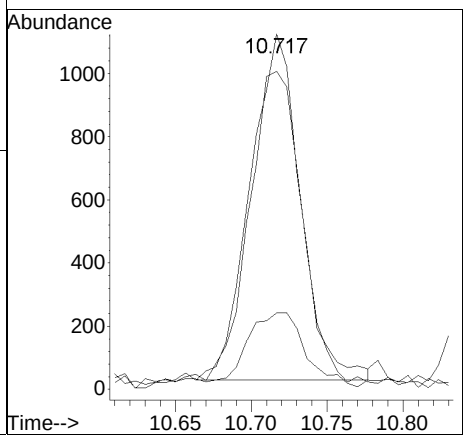


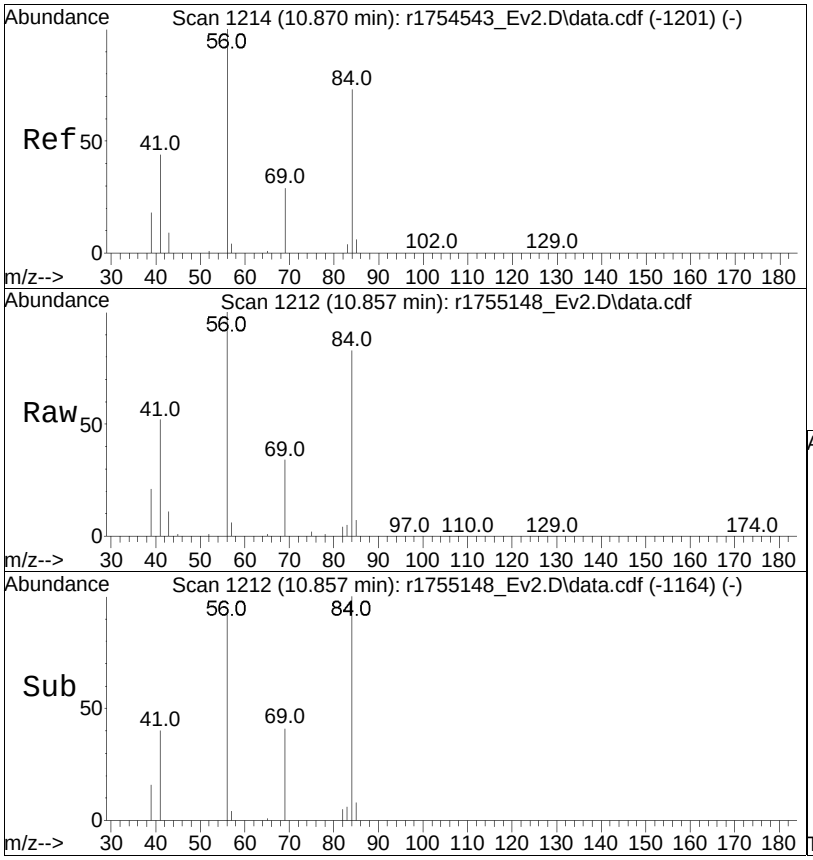


#39
carbon tetrachloride
Concen: 0.08 ppbV
RT: 10.717 min Scan# 1191
Delta R.T. -0.013 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:117 Resp: 2533

Ion	Ratio	Lower	Upper
117	100		
119	89.5	77.3	115.9
82	21.5	16.2	24.2

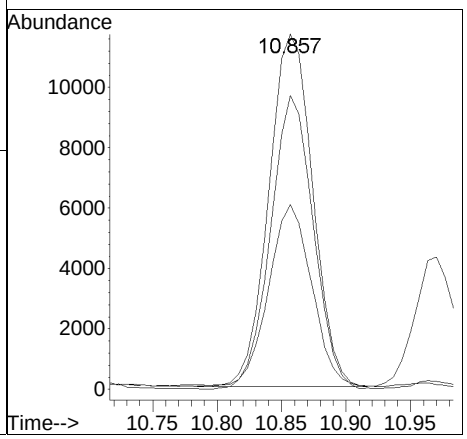


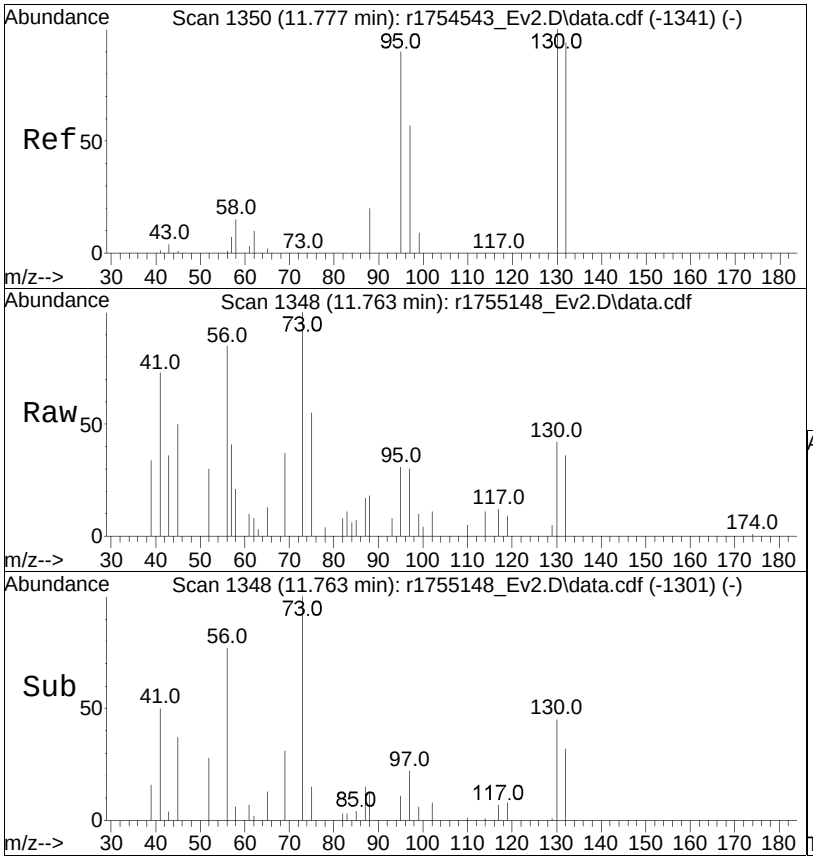


#40
cyclohexane
Concen: 0.68 ppbV
RT: 10.857 min Scan# 1212
Delta R.T. -0.013 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 56 Resp: 27719

Ion	Ratio	Lower	Upper
56	100		
84	82.7	58.6	87.8
41	52.0	35.6	53.4

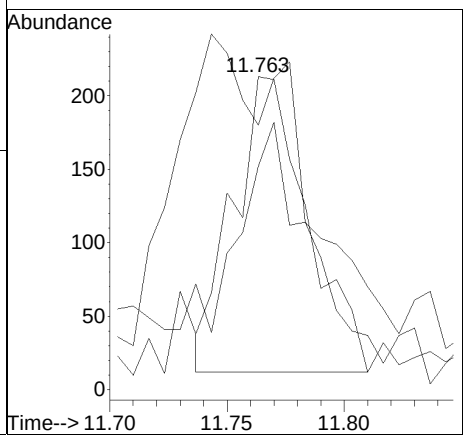


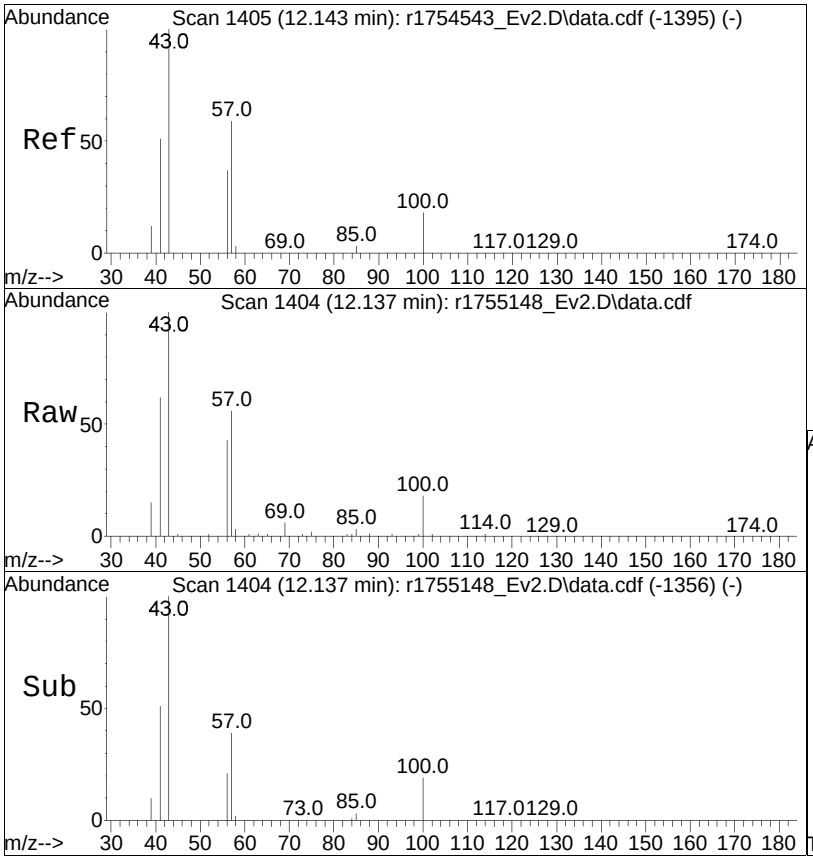


#45
trichloroethene
Concen: 0.01 ppbV
RT: 11.763 min Scan# 1348
Delta R.T. -0.013 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:130 Resp: 441

Ion	Ratio	Lower	Upper
130	100		
132	84.5	75.0	112.4
97	71.4	45.4	68.2#

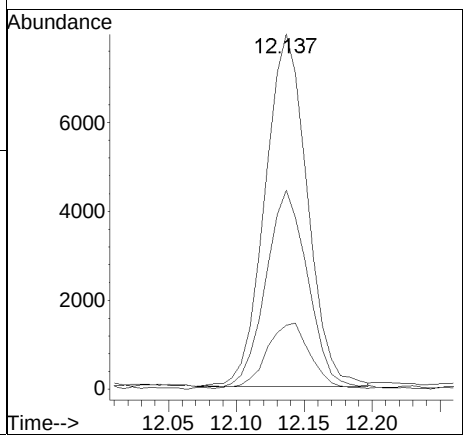


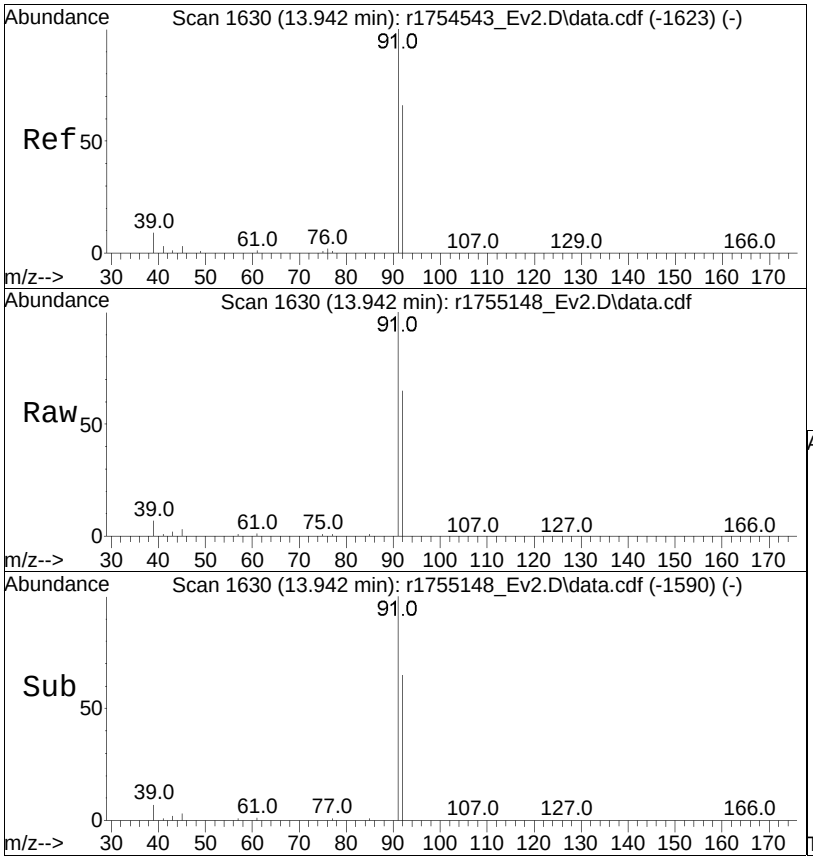


#47
heptane
Concen: 0.42 ppbV
RT: 12.137 min Scan# 1404
Delta R.T. -0.007 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 43 Resp: 17205

Ion	Ratio	Lower	Upper
43	100		
57	56.0	47.2	70.8
100	18.0	14.9	22.3

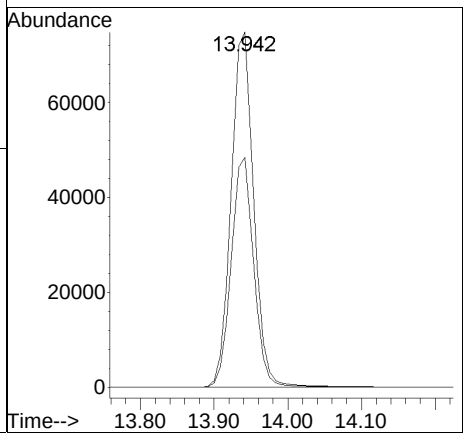


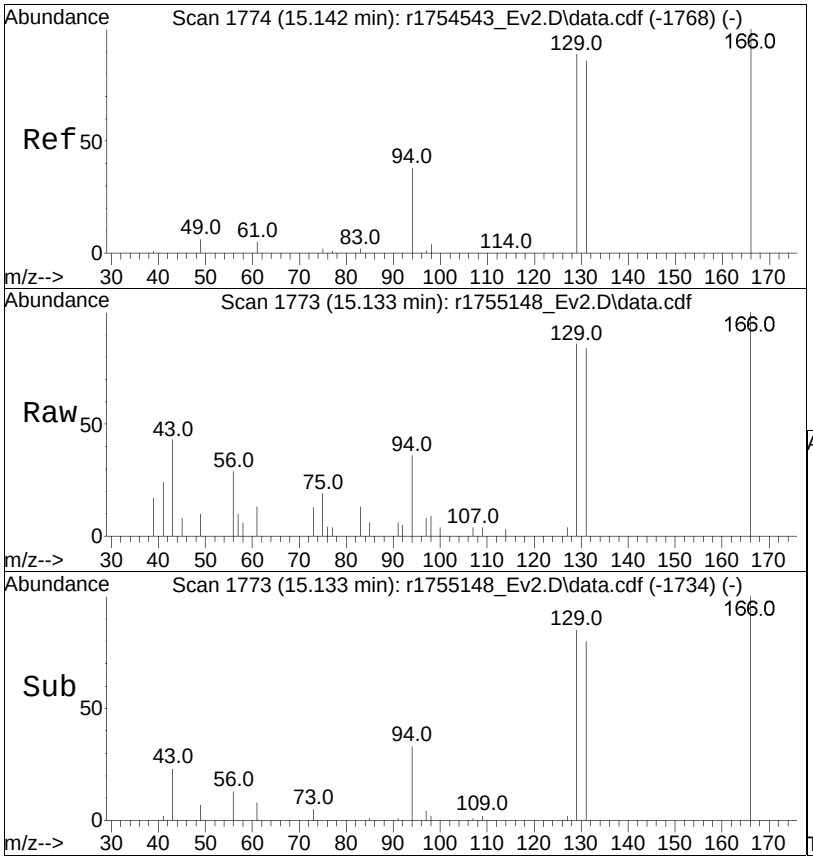


#53
toluene
Concen: 1.94 ppbV
RT: 13.942 min Scan# 1630
Delta R.T. 0.000 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 91 Resp: 160016

Ion	Ratio	Lower	Upper
91	100		
92	64.8	52.6	78.8

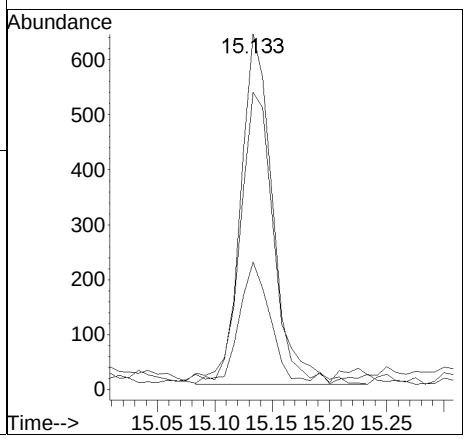


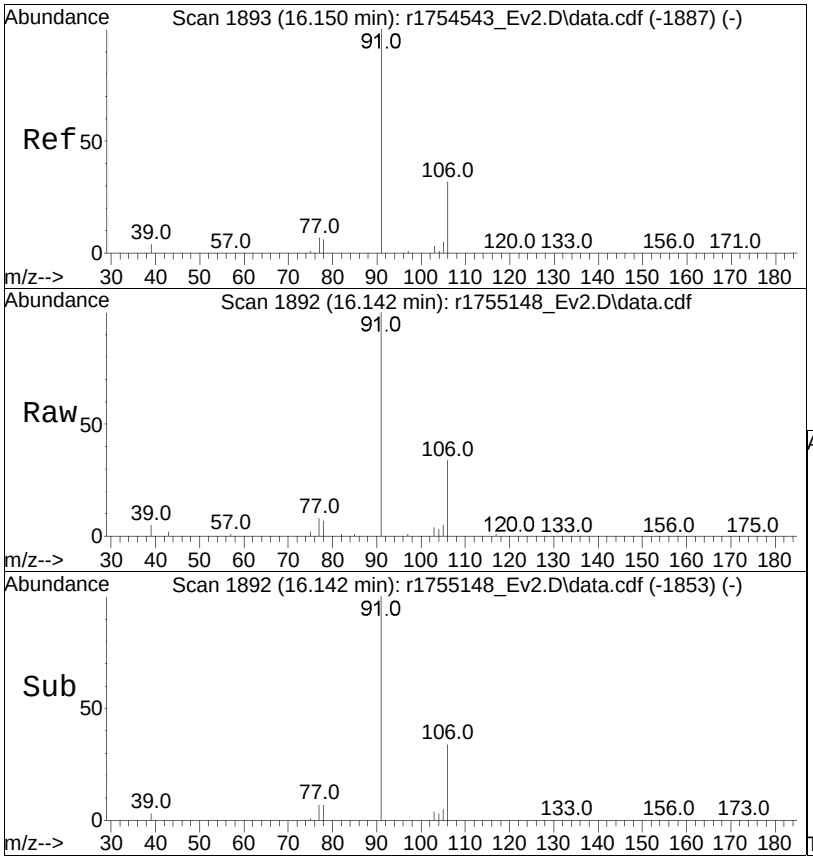


#58
tetrachloroethene
Concen: 0.04 ppbV
RT: 15.133 min Scan# 1773
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:166 Resp: 1217

Ion	Ratio	Lower	Upper
166	100		
131	83.6	69.1	103.7
94	35.9	30.7	46.1

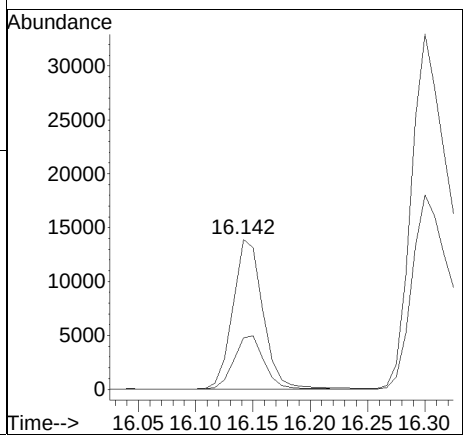


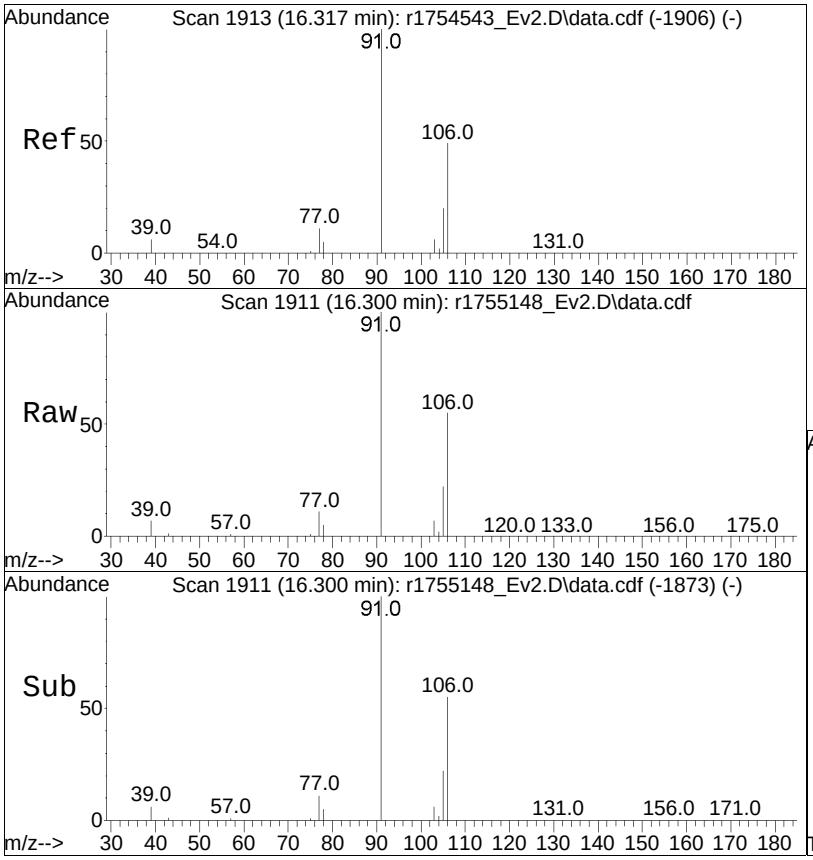


#61
ethylbenzene
Concen: 0.24 ppbV
RT: 16.142 min Scan# 1892
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 91 Resp: 25297

Ion	Ratio	Lower	Upper
91	100		
106	34.5	25.8	38.6

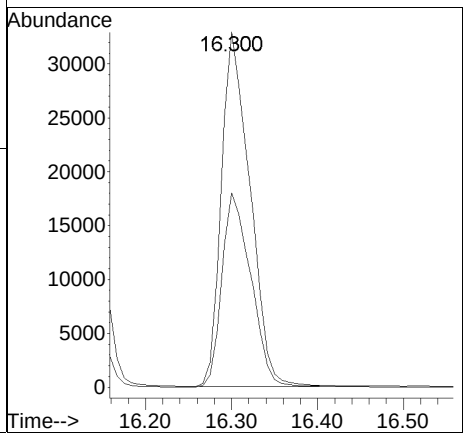


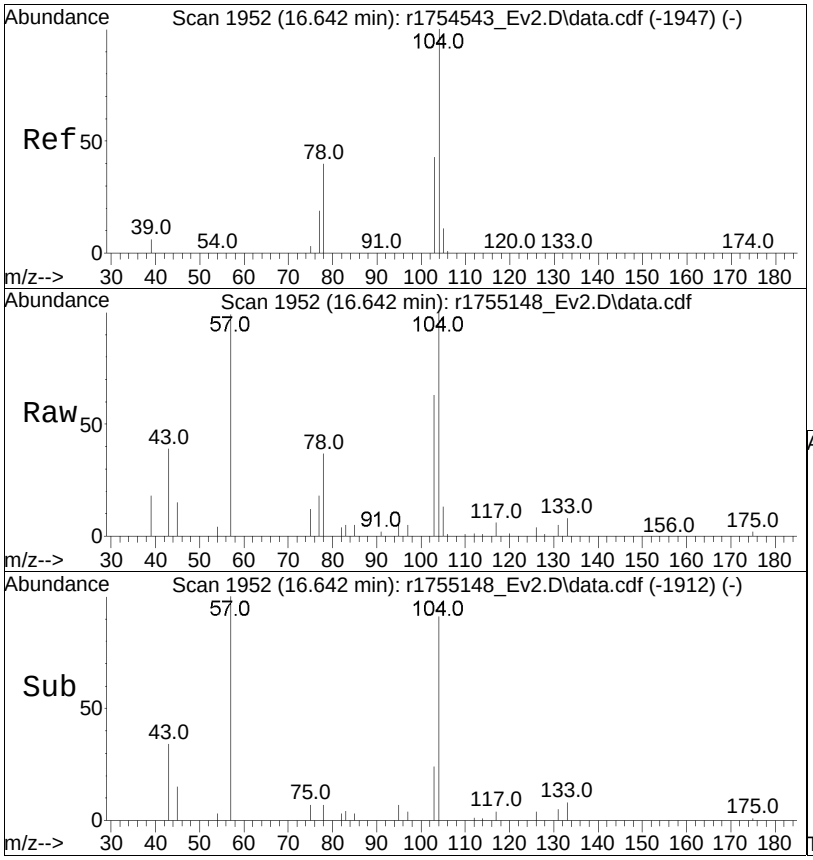


#62
m+p-xylene
Concen: 0.94 ppbV
RT: 16.300 min Scan# 1911
Delta R.T. -0.017 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 91 Resp: 75956

Ion	Ratio	Lower	Upper
91	100		
106	54.8	39.4	59.0

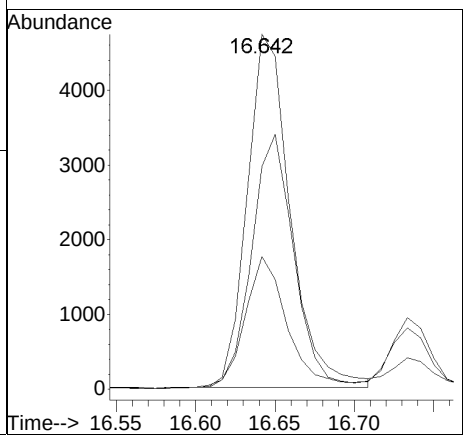


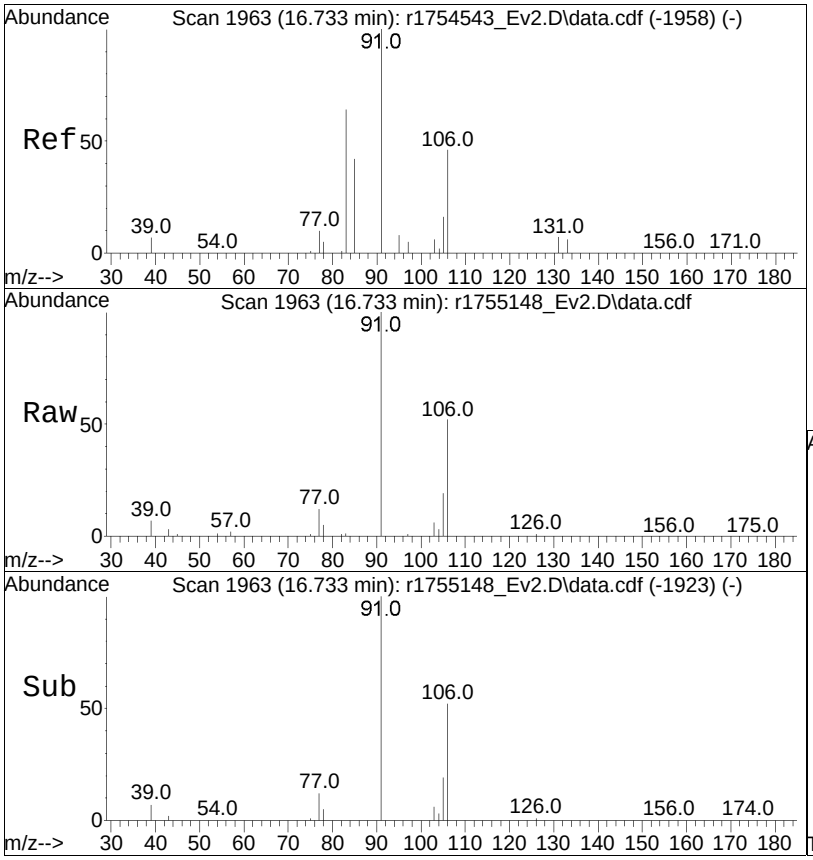


#64
styrene
Concen: 0.16 ppbV
RT: 16.642 min Scan# 1952
Delta R.T. 0.000 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:104 Resp: 8957

Ion	Ratio	Lower	Upper
104	100		
103	62.7	34.8	52.2#
78	37.4	31.8	47.8

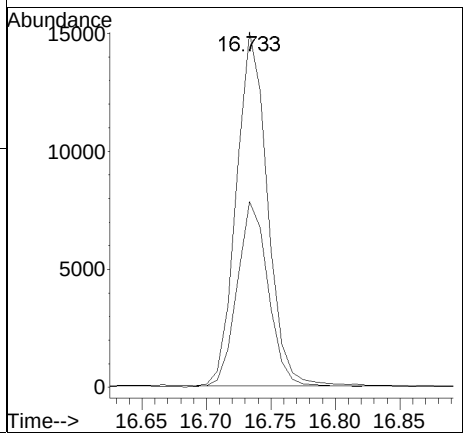


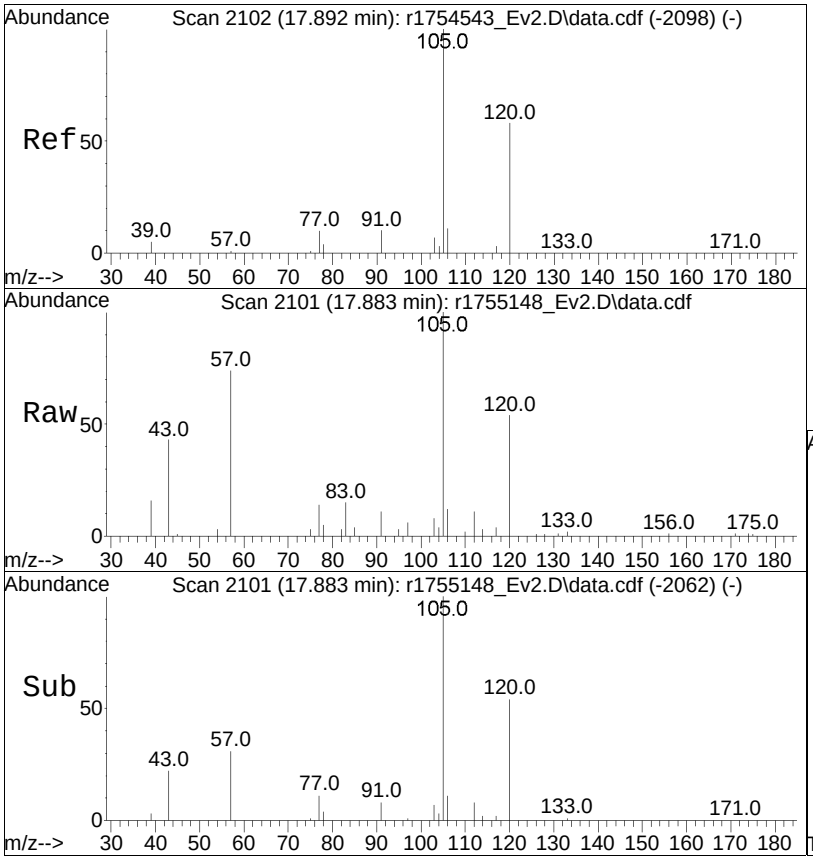


#66
o-xylene
Concen: 0.30 ppbV
RT: 16.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion: 91 Resp: 25093

Ion	Ratio	Lower	Upper
91	100		
106	52.3	37.0	55.4

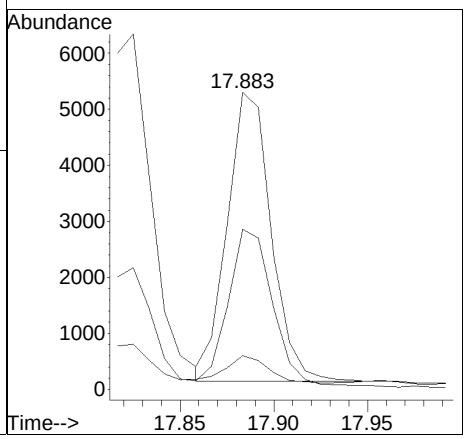


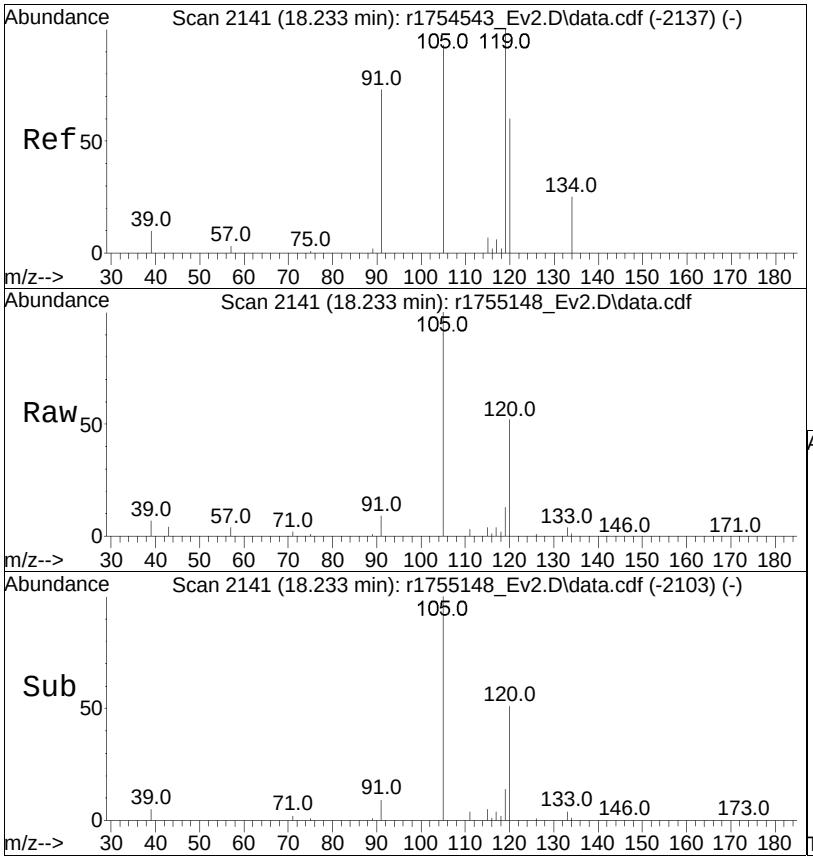


#72
1,3,5-trimethylbenzene
Concen: 0.10 ppbV
RT: 17.883 min Scan# 2101
Delta R.T. -0.008 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:105 Resp: 8418

Ion	Ratio	Lower	Upper
105	100		
120	53.9	46.2	69.4
91	11.4	8.0	12.0

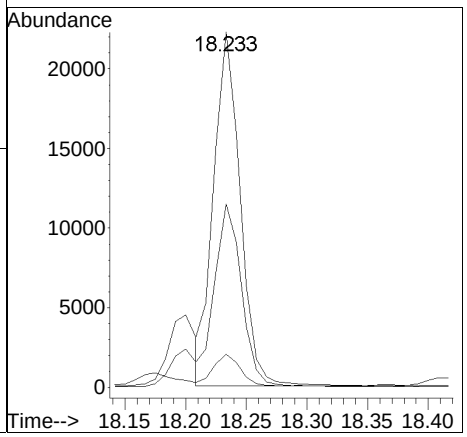


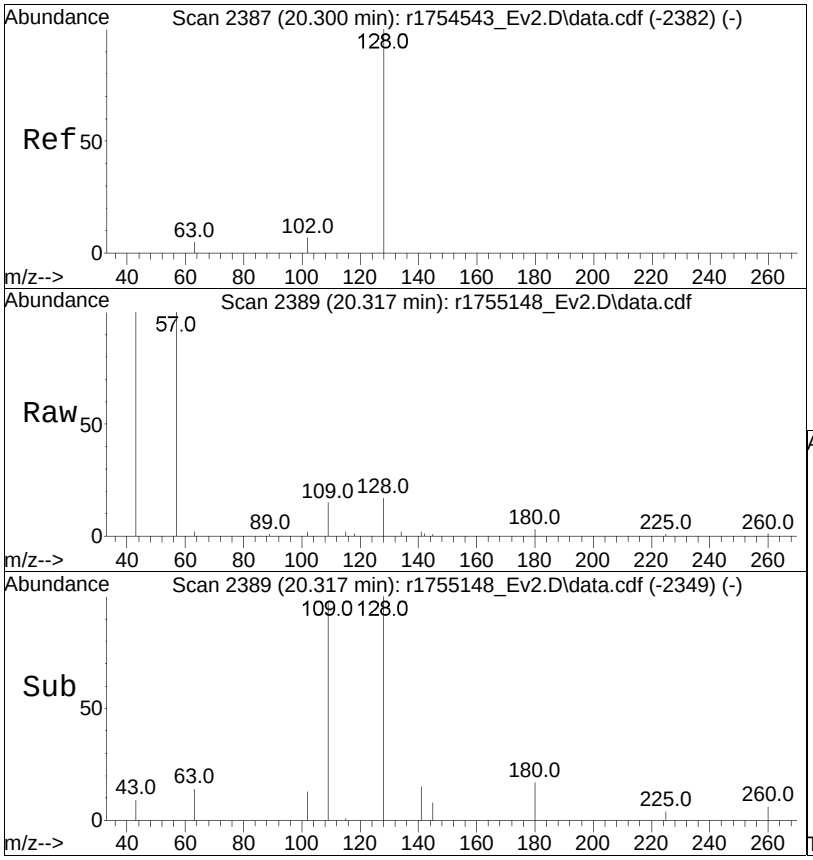


#74
1,2,4-trimethylbenzene
Concen: 0.41 ppbV
RT: 18.233 min Scan# 2141
Delta R.T. 0.000 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:105 Resp: 33855

Ion	Ratio	Lower	Upper
105	100		
120	51.6	51.8	77.8#
91	9.3	63.4	95.2#

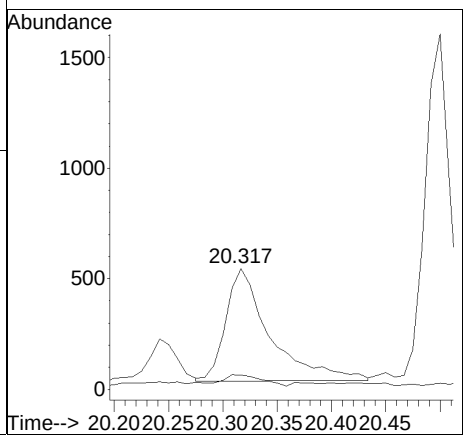




#85
naphthalene
Concen: 0.02 ppbV
RT: 20.317 min Scan# 2389
Delta R.T. 0.017 min
Lab File: r1755148_Ev2.D
Acq: 28 Mar 2026 10:13 AM

Tgt Ion:128 Resp: 1438

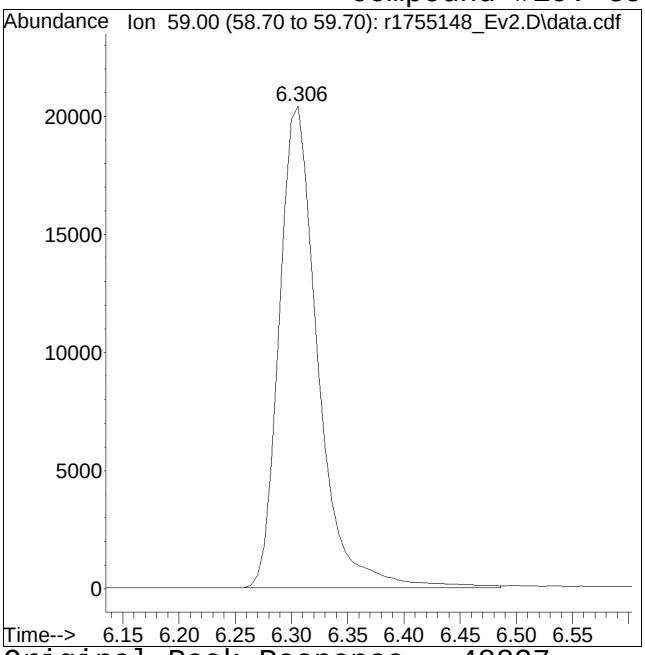
Ion	Ratio	Lower	Upper
128	100		
102	11.9	5.7	8.5#



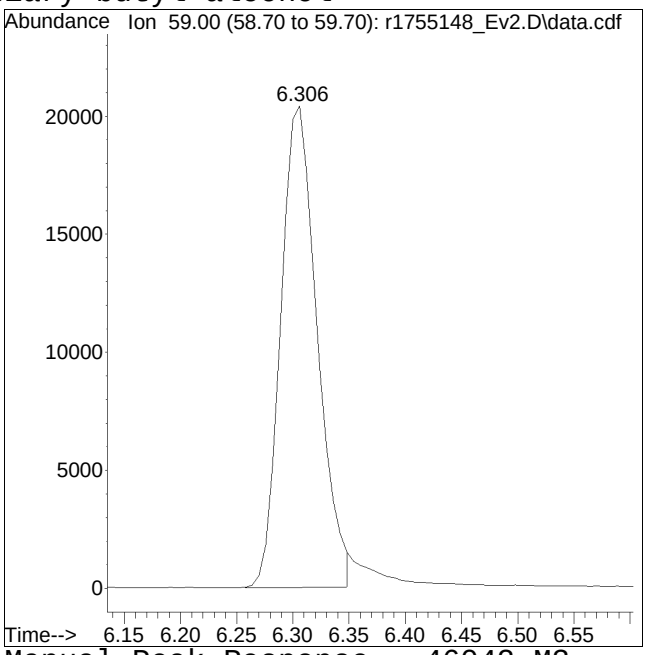
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755148_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/28/2026 10:13 AM Instrument :
Sample : L2612589-03,3,250,250 Quant Date : 3/28/2026 12:39 pm

Compound #19: tertiary butyl alcohol



Original Peak Response = 48837



Manual Peak Response = 46042 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\Airlab17\2026\03\0327SIM\
Data File : r1755149_Ev2.D
Acq On : 28 Mar 2026 10:50 AM
Operator : AIRLAB17:SL
Sample : L2612589-05,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:45 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.758	49	243936	10.000	ppbV	0.00
Standard Area = 255556			Recovery =		95.45%	
34) 1,4-difluorobenzene	10.970	114	861490	10.000	ppbV	-0.01
Standard Area = 912824			Recovery =		94.38%	
52) chlorobenzene-D5	15.742	54	104056	10.000	ppbV	0.00
Standard Area = 110427			Recovery =		94.23%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.838	85	19979	0.538	ppbV	100
5) chloromethane	3.988	50	2431	0.139	ppbV	99
6) Freon-114	4.090	85	841	0.019	ppbV	90
7) vinyl chloride	4.204		0	N.D.		
9) bromomethane	4.606	94	271	0.015	ppbV #	67
10) chloroethane	0.000		0	N.D.	d	
11) ethanol	4.906	31	582123	33.153	ppbV #	84
15) trichlorofluoromethane	5.587	101	8685	0.229	ppbV	95
18) 1,1-dichloroethene	6.300		0	N.D.		
19) tertiary butyl alcohol	6.306	59	20693M3	0.544	ppbV	
20) methylene chloride	6.396	49	2255	0.110	ppbV	97
23) Freon 113	6.696	101	3199	0.077	ppbV	96
24) trans-1,2-dichloroethene	7.425		0	N.D.		
25) 1,1-dichloroethane	7.642		0	N.D.		
26) MTBE	7.717		0	N.D.		
28) 2-butanone	8.075	43	147080	4.085	ppbV	96
29) cis-1,2-dichloroethene	8.575		0	N.D.		
31) chloroform	8.908	83	767	0.021	ppbV #	94
33) 1,2-dichloroethane	9.733	62	641	0.027	ppbV #	86
35) hexane	8.833	57	27137	0.687	ppbV #	47
37) 1,1,1-trichloroethane	10.025	97	26577	0.688	ppbV	98
38) benzene	10.543	78	16980	0.225	ppbV	96
39) carbon tetrachloride	10.717	117	2264	0.068	ppbV	96
40) cyclohexane	10.857	56	15013	0.374	ppbV #	91
42) 1,2-dichloropropane	0.000		0	N.D.	d	
43) bromodichloromethane	0.000		0	N.D.	d	
44) 1,4-dioxane	0.000		0	N.D.	d	
45) trichloroethene	11.770		0	N.D.		

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755149_Ev2.D
Acq On : 28 Mar 2026 10:50 AM
Operator : AIRLAB17:SL
Sample : L2612589-05,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:45 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

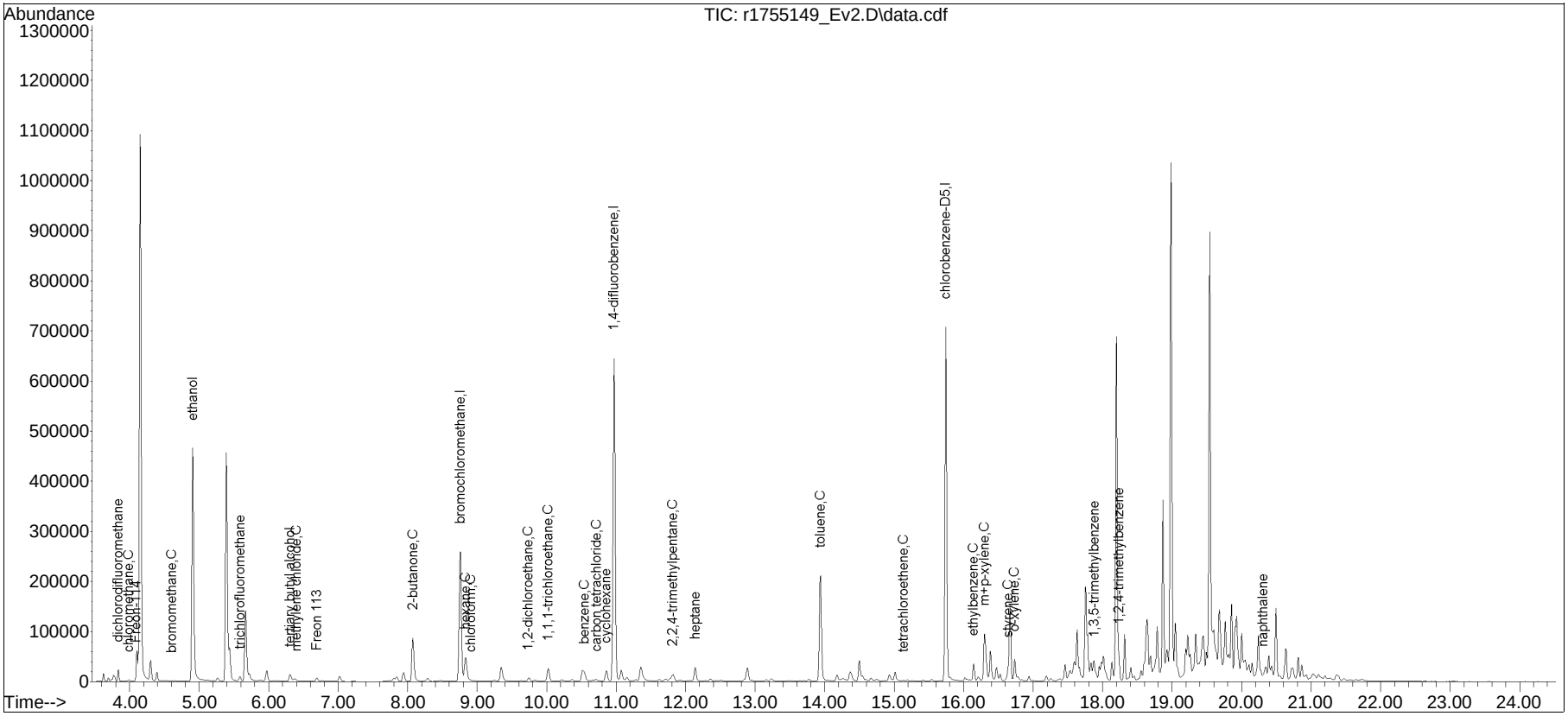
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	11.817	57	14500	0.118	ppbV #	72
47) heptane	12.137	43	20156	0.491	ppbV	94
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	13.367		0	N.D.		
51) 1,1,2-trichloroethane	13.675		0	N.D.		
53) toluene	13.942	91	239148	2.941	ppbV	99
56) dibromochloromethane	0.000		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.133	166	1011	0.032	ppbV	96
60) chlorobenzene	0.000		0	N.D.	d	
61) ethylbenzene	16.142	91	36091	0.351	ppbV	95
62) m+p-xylene	16.300	91	103574	1.291	ppbV	91
63) bromoform	0.000		0	N.D.	d	
64) styrene	16.642	104	10878	0.196	ppbV	96
65) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
66) o-xylene	16.733	91	33010	0.405	ppbV	90
72) 1,3,5-trimethylbenzene	17.883	105	9672	0.118	ppbV	93
74) 1,2,4-trimethylbenzene	18.233	105	38186	0.468	ppbV #	50
75) Benzyl Chloride	18.367		0	N.D.		
76) 1,3-dichlorobenzene	18.375		0	N.D.		
77) 1,4-dichlorobenzene	18.433		0	N.D.		
81) 1,2-dichlorobenzene	18.708		0	N.D.		
84) 1,2,4-trichlorobenzene	0.000		0	N.D.	d	
85) naphthalene	20.308	128	2155	0.023	ppbV #	90
87) hexachlorobutadiene	0.000		0	N.D.		

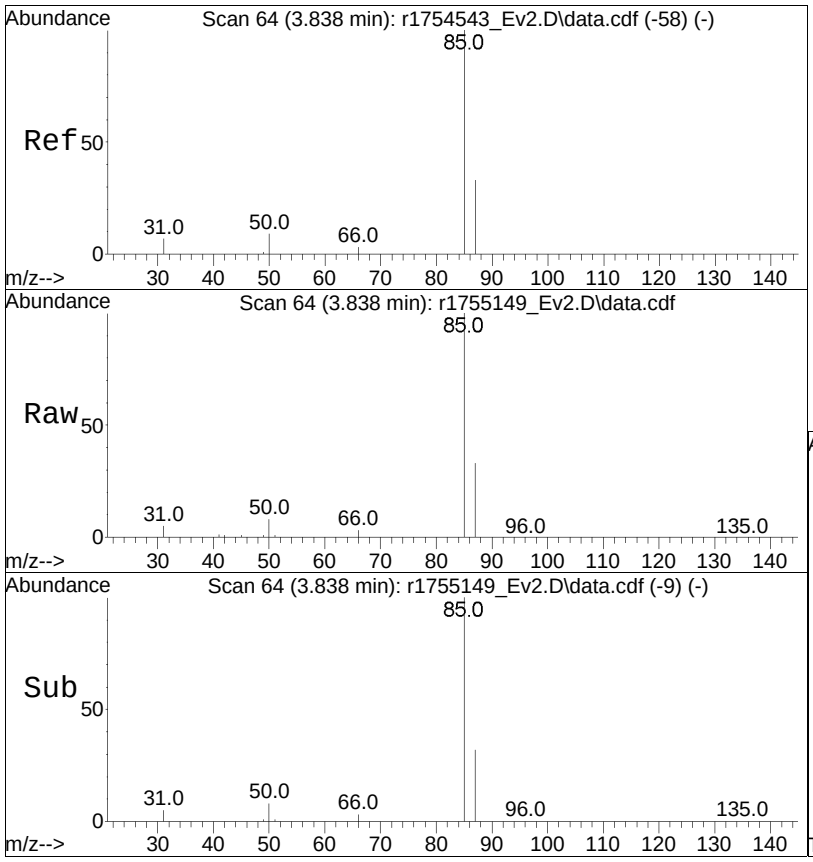
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755149_Ev2.D
Acq On : 28 Mar 2026 10:50 AM
Operator : AIRLAB17:SL
Sample : L2612589-05,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:39:45 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

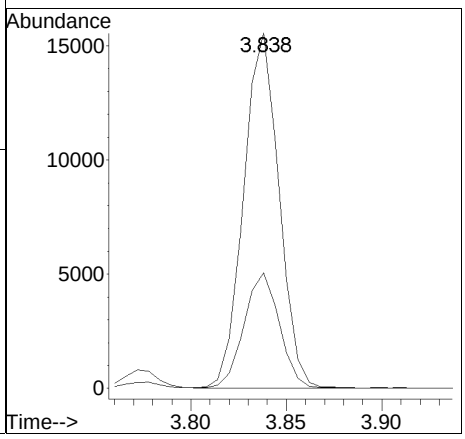


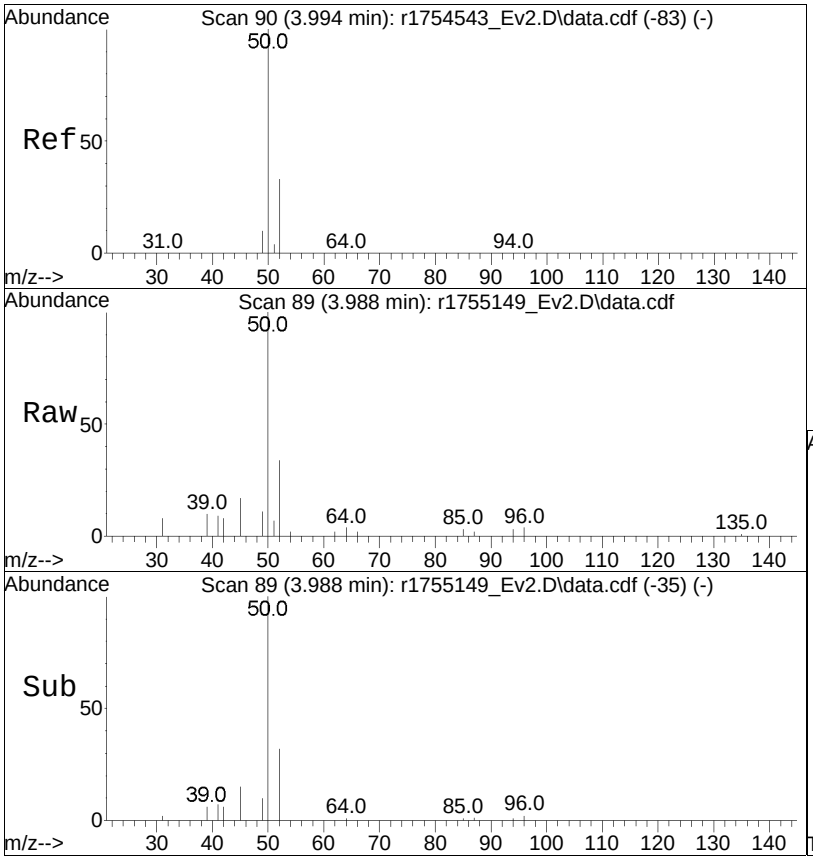


#4
dichlorodifluoromethane
Concen: 0.54 ppbV
RT: 3.838 min Scan# 64
Delta R.T. 0.000 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 85 Resp: 19979

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.4

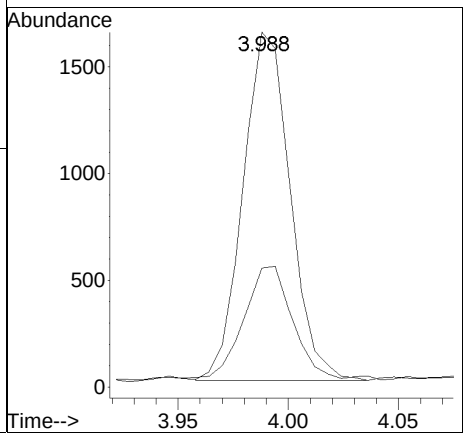


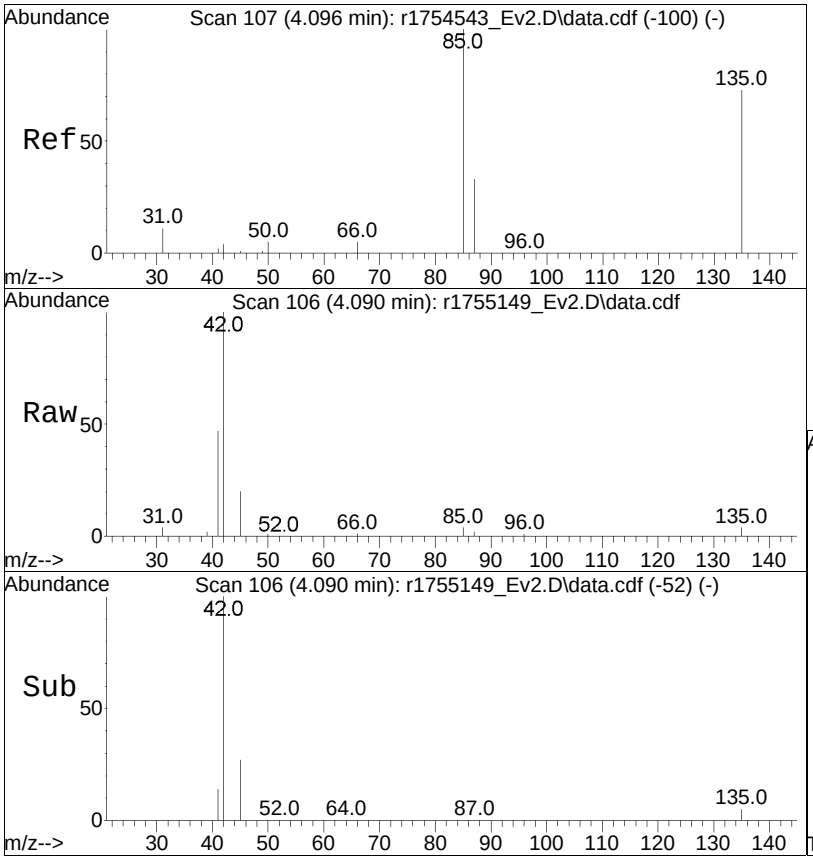


#5
chloromethane
Concen: 0.14 ppbV
RT: 3.988 min Scan# 89
Delta R.T. -0.006 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 50 Resp: 2431

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.6	39.8

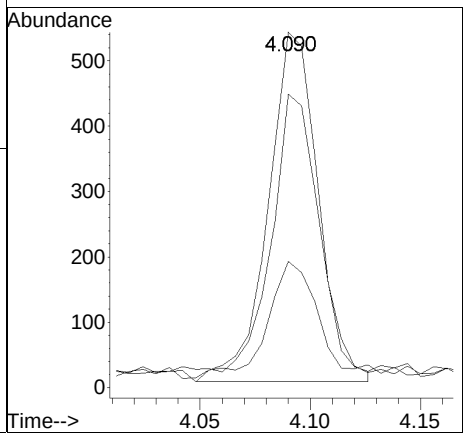


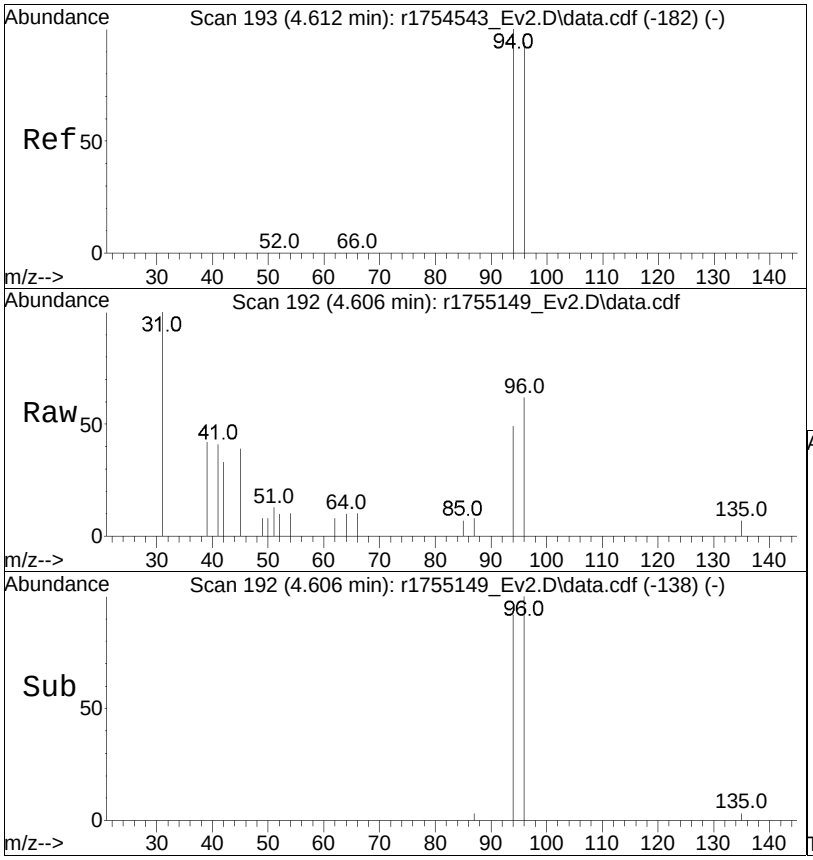


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.090 min Scan# 106
Delta R.T. -0.006 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 85 Resp: 841

Ion	Ratio	Lower	Upper
85	100		
87	35.5	26.2	39.4
135	82.5	58.1	87.1

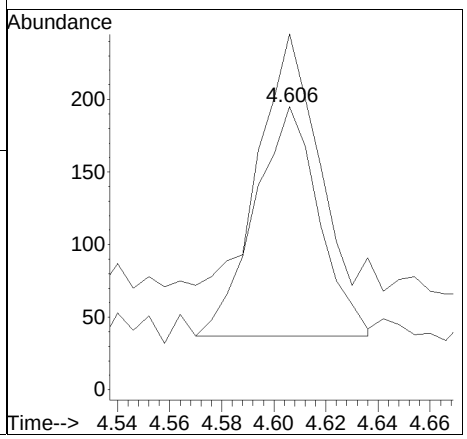


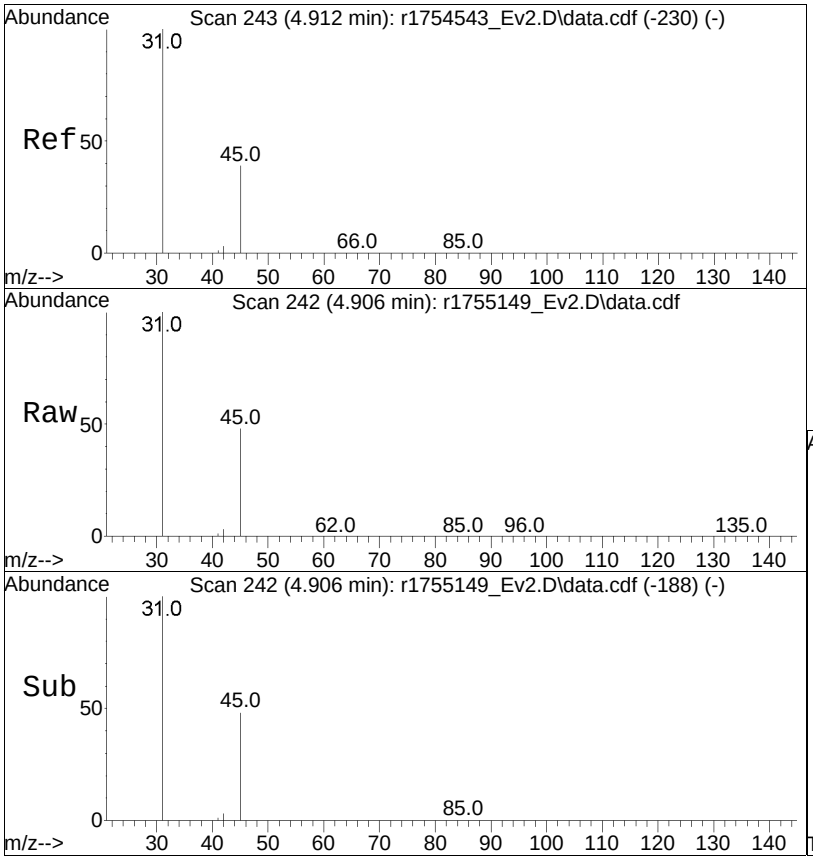


#9
bromomethane
Concen: 0.02 ppbV
RT: 4.606 min Scan# 192
Delta R.T. -0.006 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 94 Resp: 271

Ion	Ratio	Lower	Upper
94	100		
96	125.6	74.9	112.3#

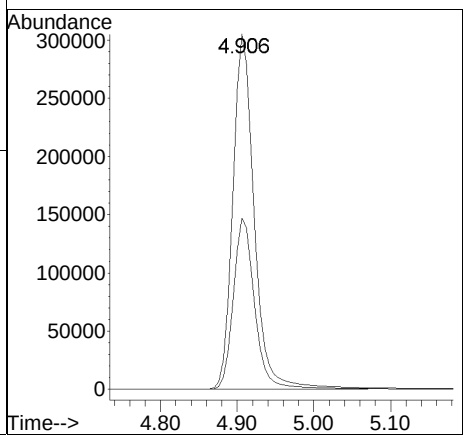


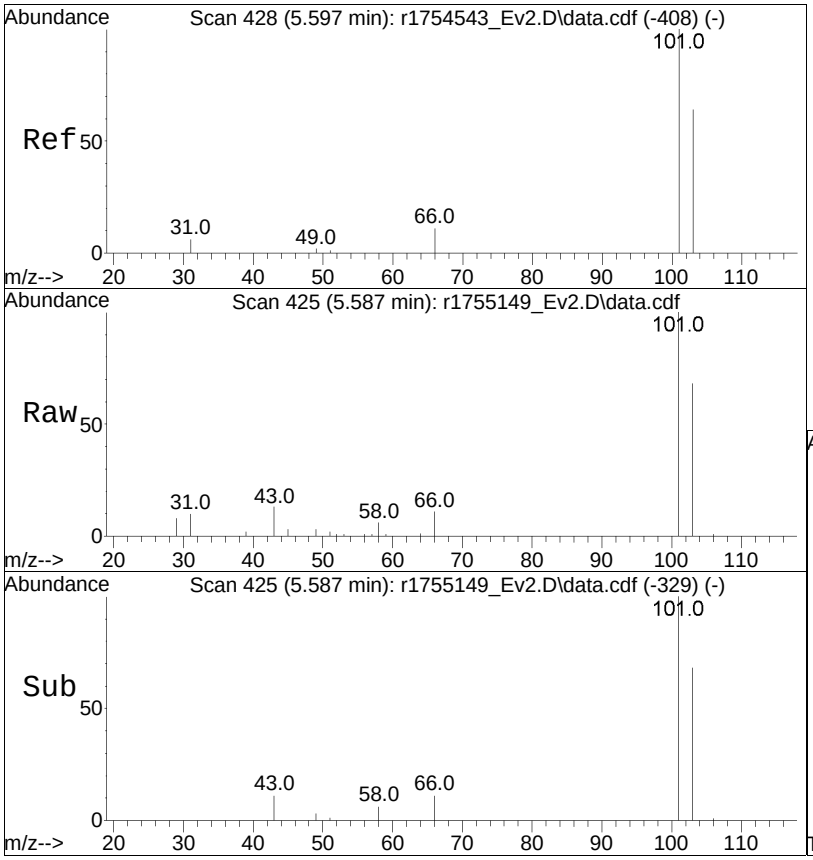


#11
ethanol
Concen: 33.15 ppbV
RT: 4.906 min Scan# 242
Delta R.T. -0.006 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 31 Resp: 582123

Ion	Ratio	Lower	Upper
31	100		
45	48.2	31.0	46.4#

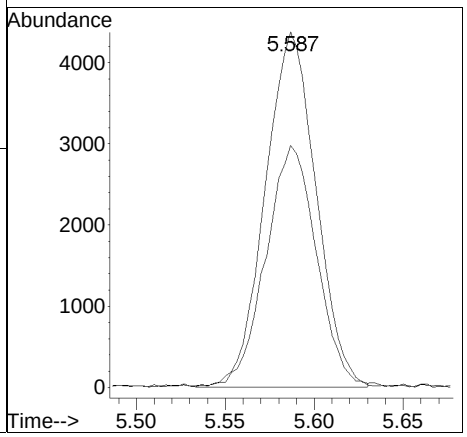


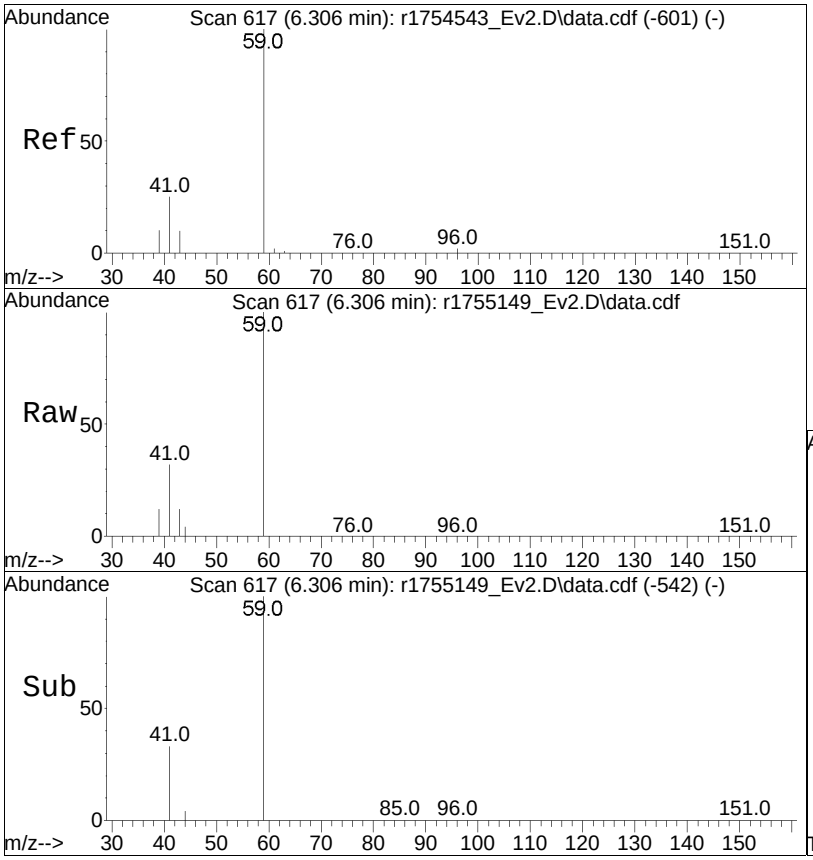


#15
trichlorofluoromethane
Concen: 0.23 ppbV
RT: 5.587 min Scan# 425
Delta R.T. -0.010 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:101 Resp: 8685

Ion	Ratio	Lower	Upper
101	100		
103	68.1	51.4	77.0

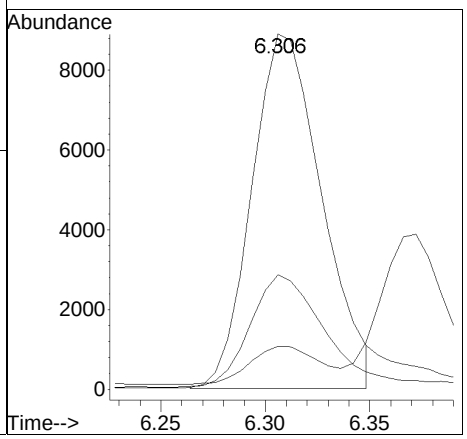


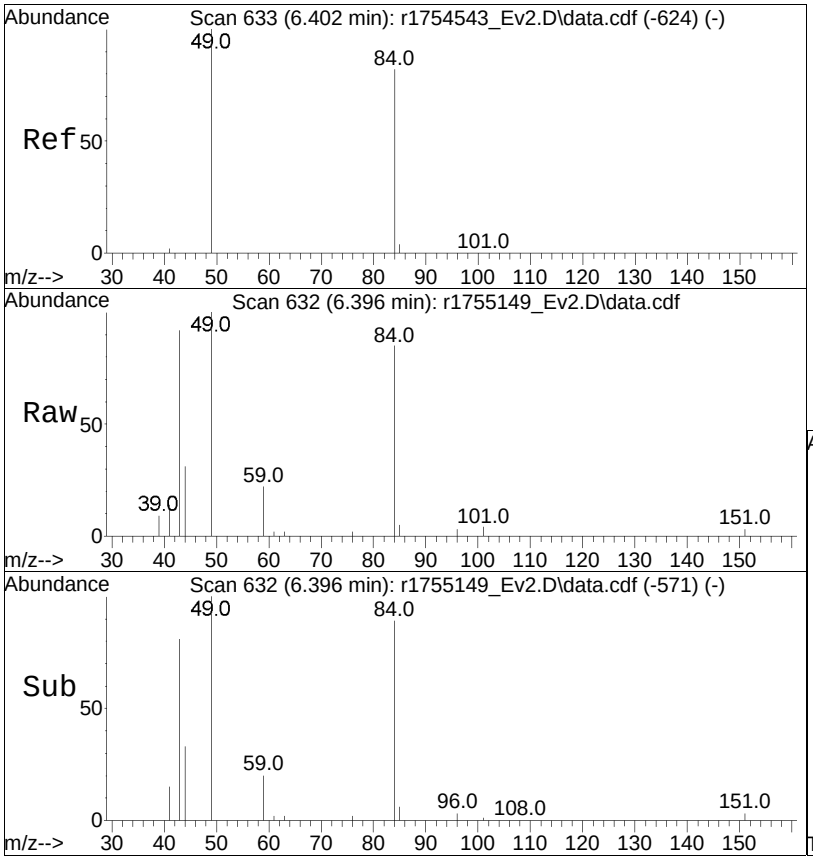


#19
tertiary butyl alcohol
Concen: 0.54 ppbV m
RT: 6.306 min Scan# 617
Delta R.T. 0.000 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 59 Resp: 20693

Ion	Ratio	Lower	Upper
59	100		
41	35.4	19.8	29.6#
43	10.7	7.4	11.0

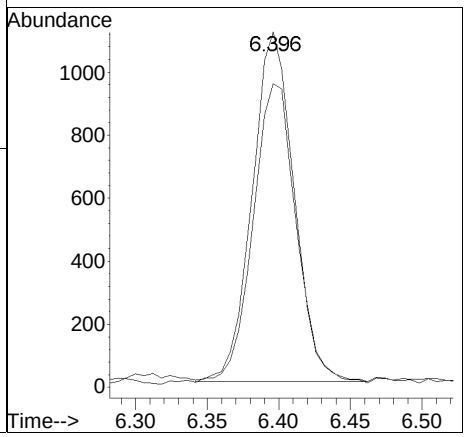


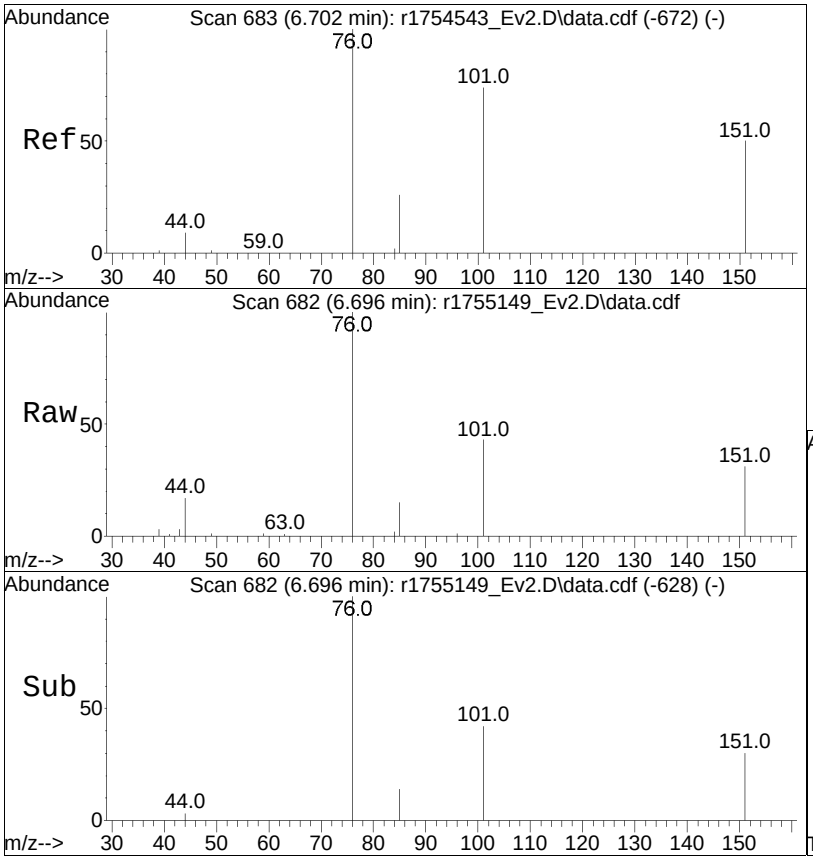


#20
methylene chloride
Concen: 0.11 ppbV
RT: 6.396 min Scan# 632
Delta R.T. -0.006 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 49 Resp: 2255

Ion	Ratio	Lower	Upper
49	100		
84	85.4	65.9	98.9

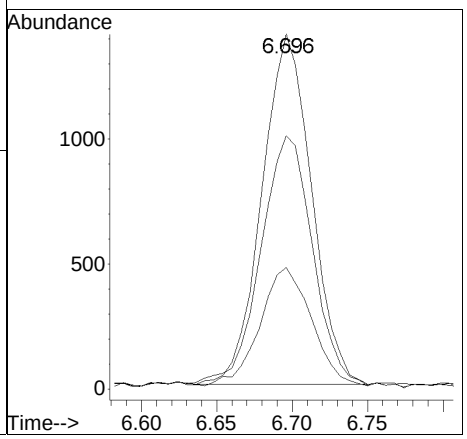


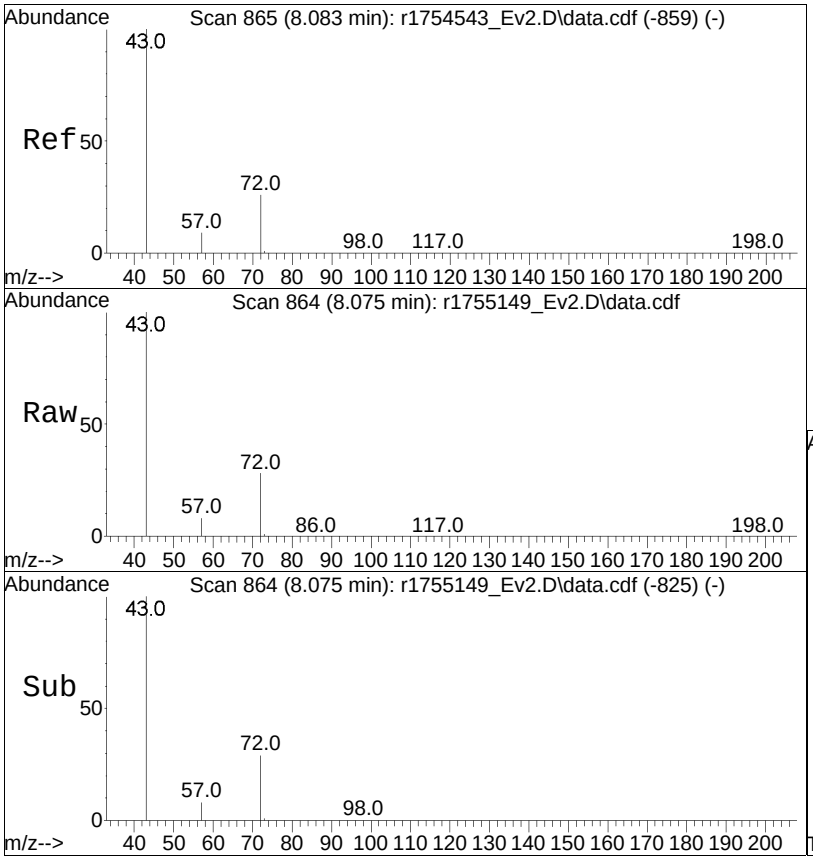


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.696 min Scan# 682
Delta R.T. -0.006 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:101 Resp: 3199

Ion	Ratio	Lower	Upper
101	100		
85	34.3	27.5	41.3
151	71.4	53.4	80.0

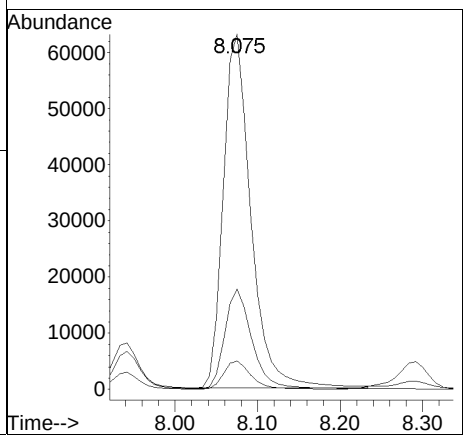


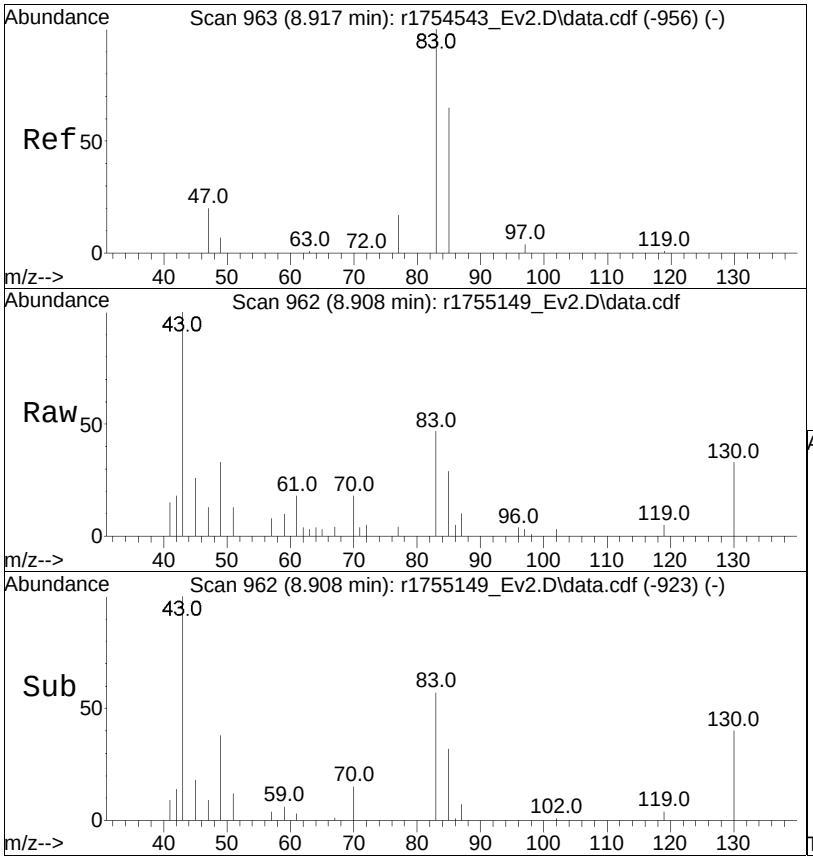


#28
2-butanone
Concen: 4.09 ppbV
RT: 8.075 min Scan# 864
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 43 Resp: 147080

Ion	Ratio	Lower	Upper
43	100		
72	28.3	20.7	31.1
57	8.0	6.9	10.3

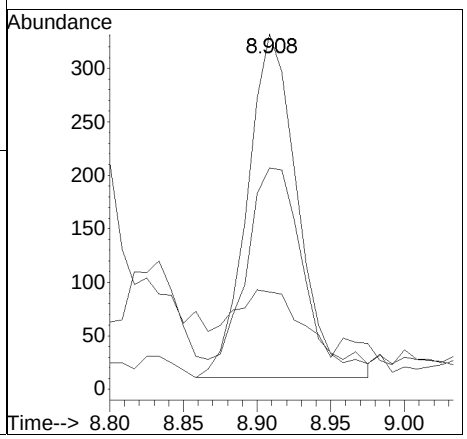


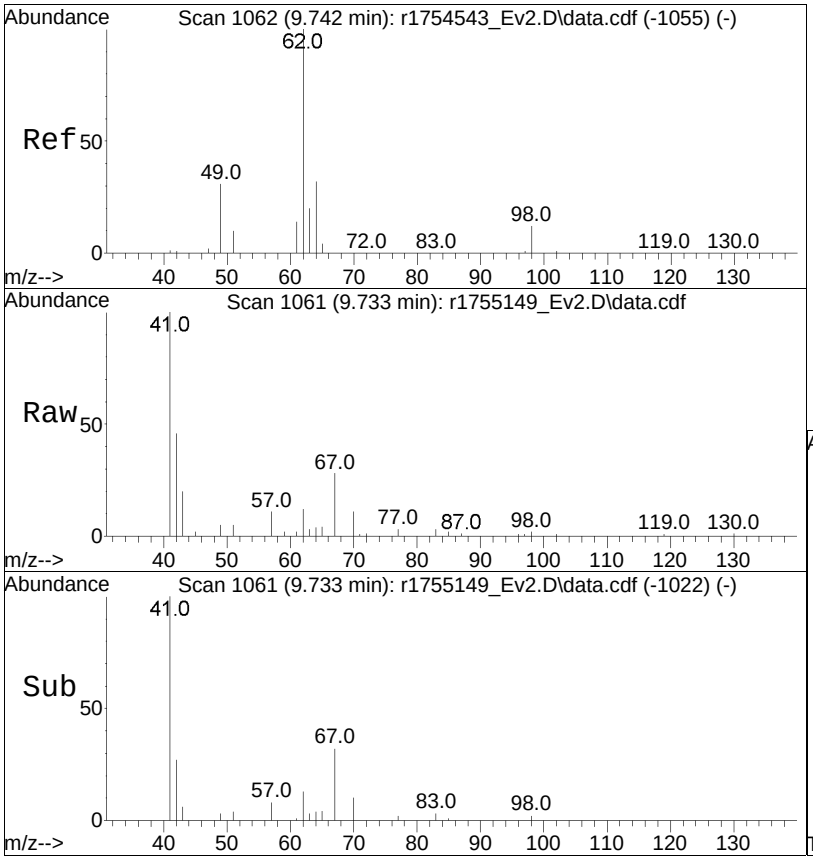


#31
chloroform
Concen: 0.02 ppbV
RT: 8.908 min Scan# 962
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 83 Resp: 767

Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.3	78.5
47	27.4	16.5	24.7#

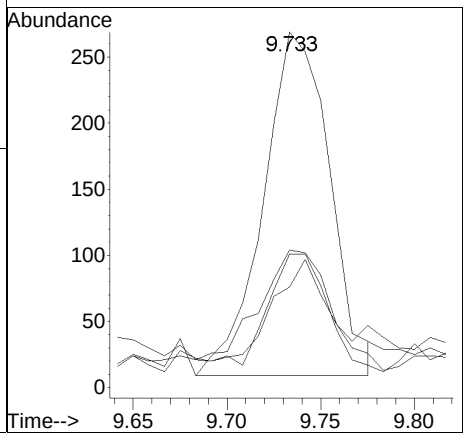


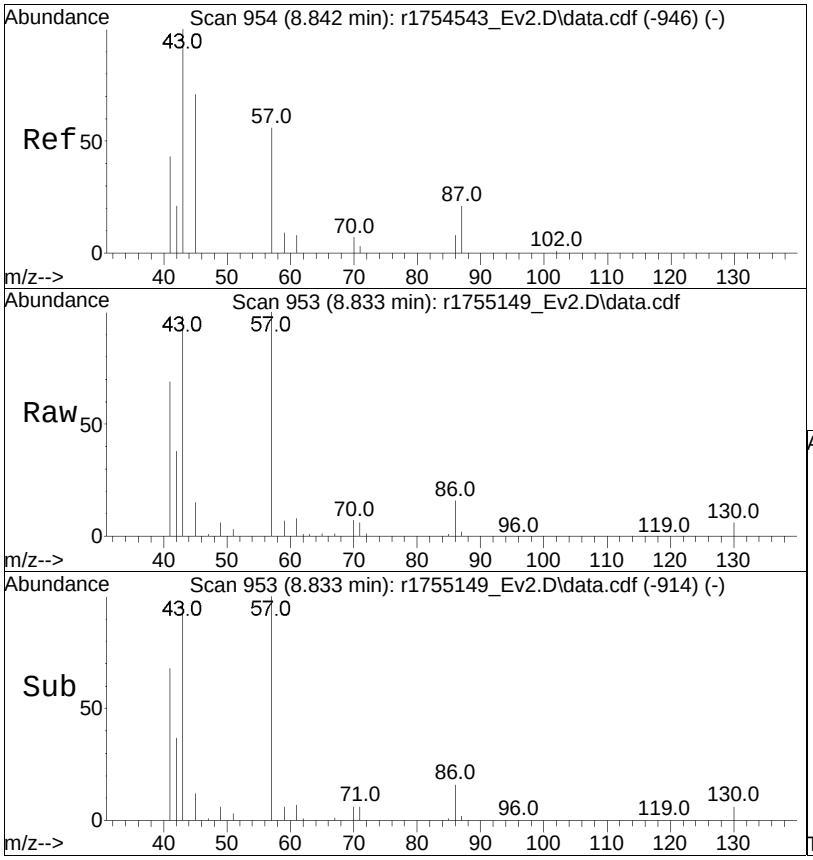


#33
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 9.733 min Scan# 1061
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 62 Resp: 641

Ion	Ratio	Lower	Upper
62	100		
64	37.5	25.4	38.2
49	38.7	24.6	37.0#
63	28.3	15.9	23.9#

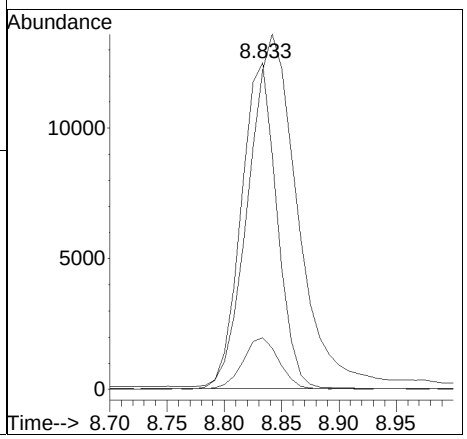


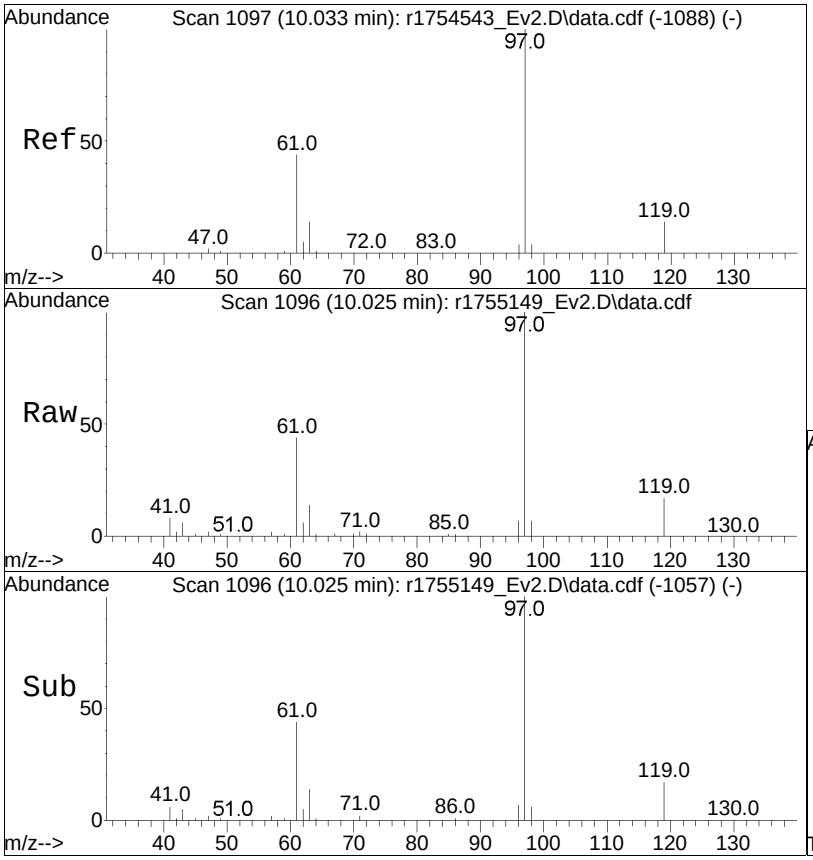


#35
hexane
Concen: 0.69 ppbV
RT: 8.833 min Scan# 953
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 57 Resp: 27137

Ion	Ratio	Lower	Upper
57	100		
43	97.8	143.4	215.2#
86	15.9	11.9	17.9

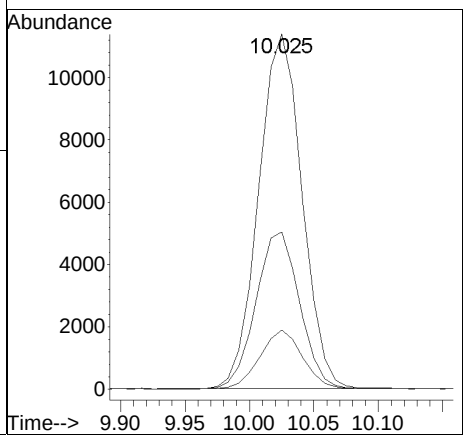


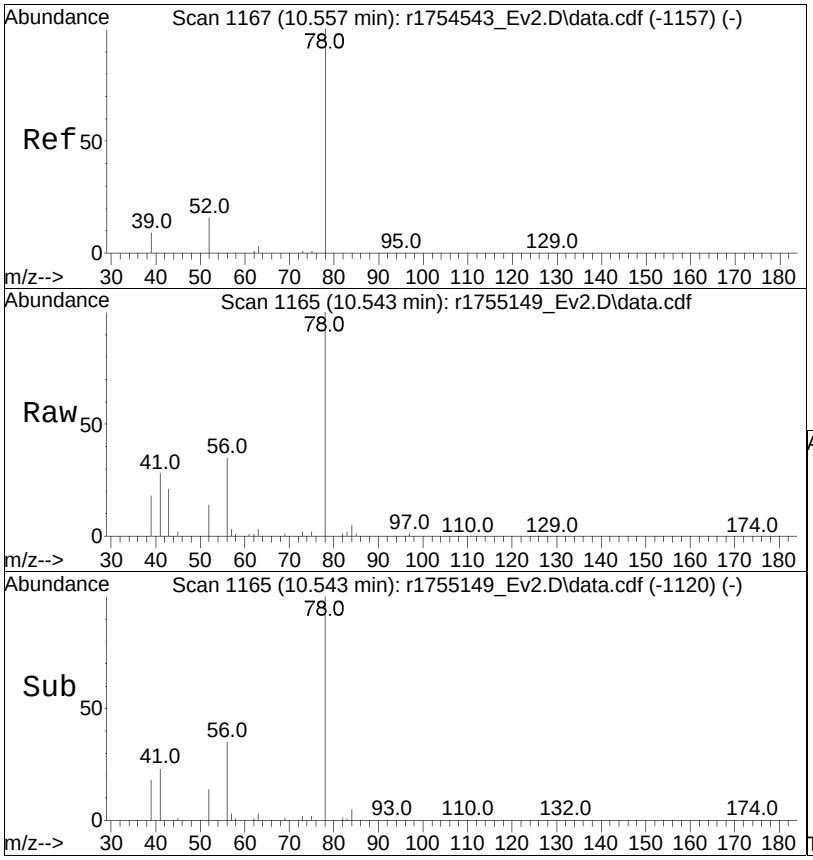


#37
1,1,1-trichloroethane
Concen: 0.69 ppbV
RT: 10.025 min Scan# 1096
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 97 Resp: 26577

Ion	Ratio	Lower	Upper
97	100		
61	44.3	35.3	52.9
119	16.7	11.2	16.8

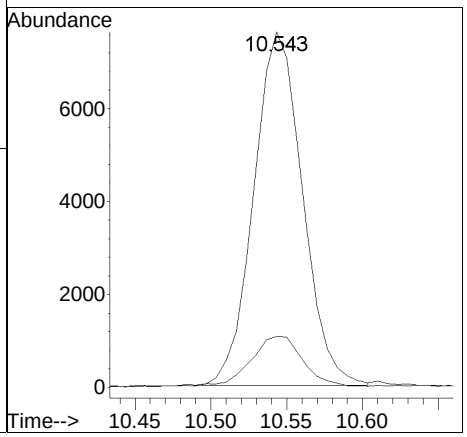


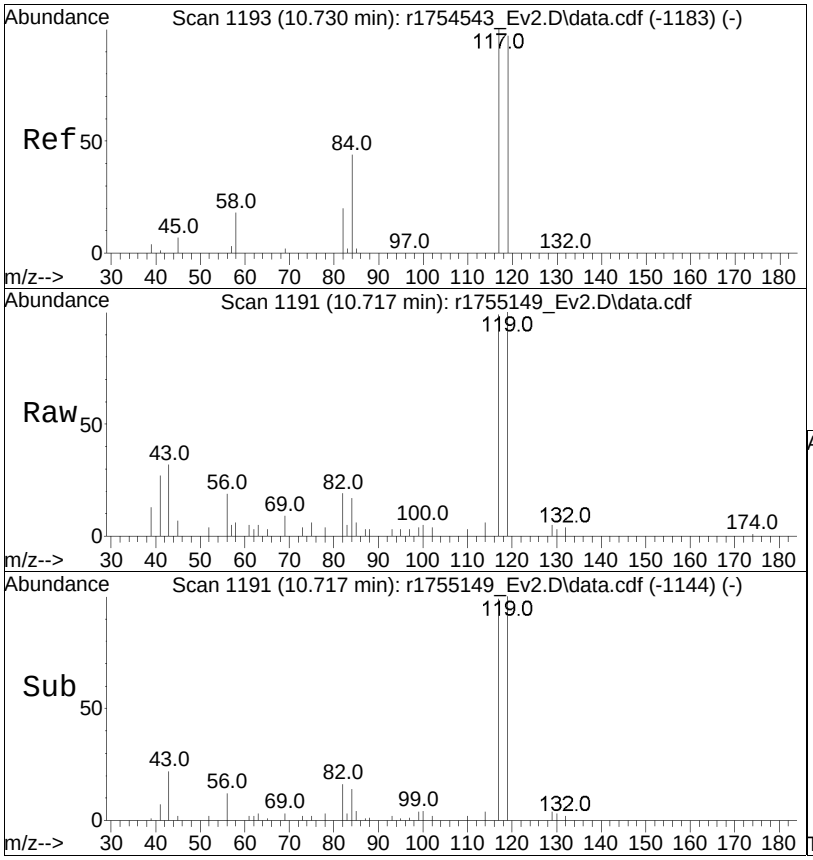


#38
benzene
Concen: 0.23 ppbV
RT: 10.543 min Scan# 1165
Delta R.T. -0.013 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 78 Resp: 16980

Ion	Ratio	Lower	Upper
78	100		
52	14.3	12.7	19.1

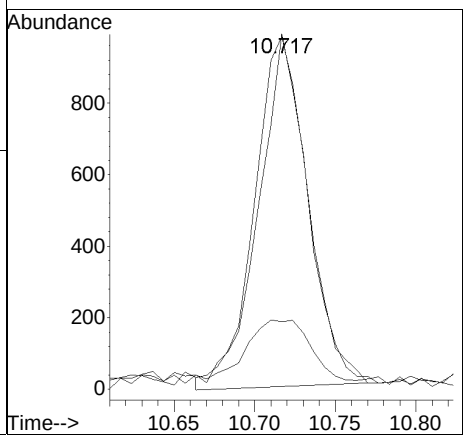


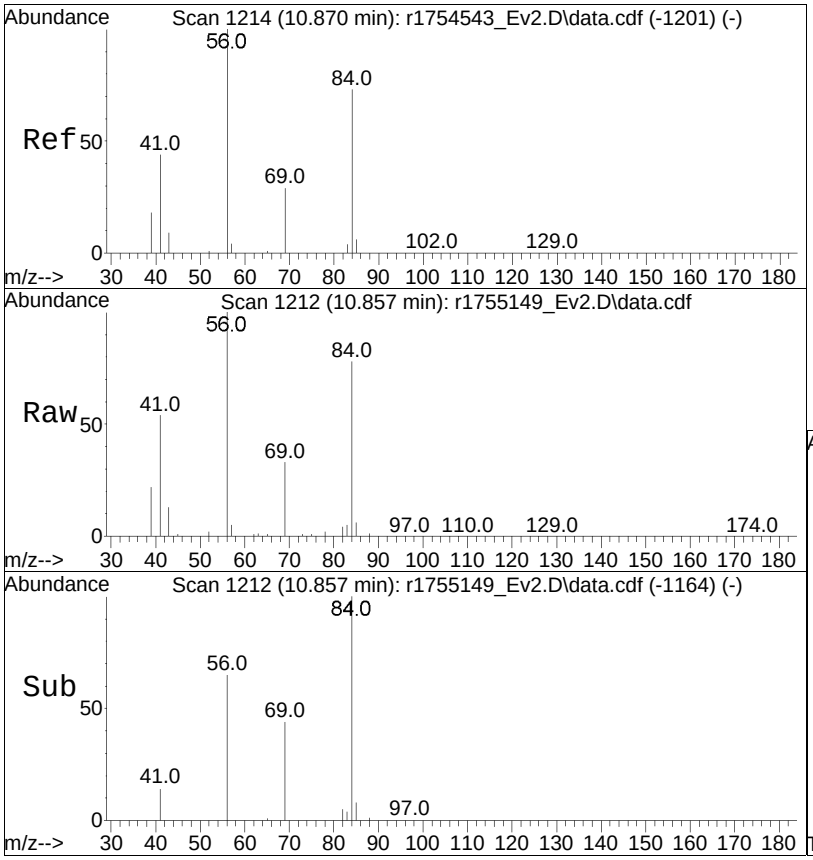


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.717 min Scan# 1191
Delta R.T. -0.013 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:117 Resp: 2264

Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.3	115.9
82	19.2	16.2	24.2

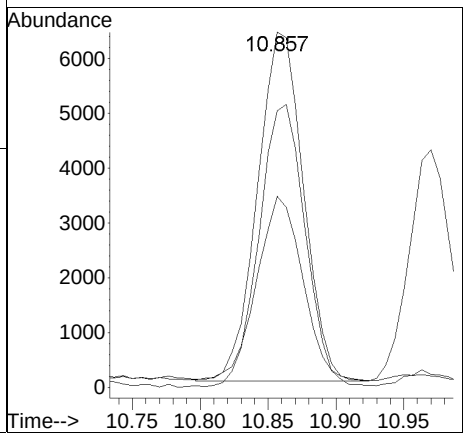


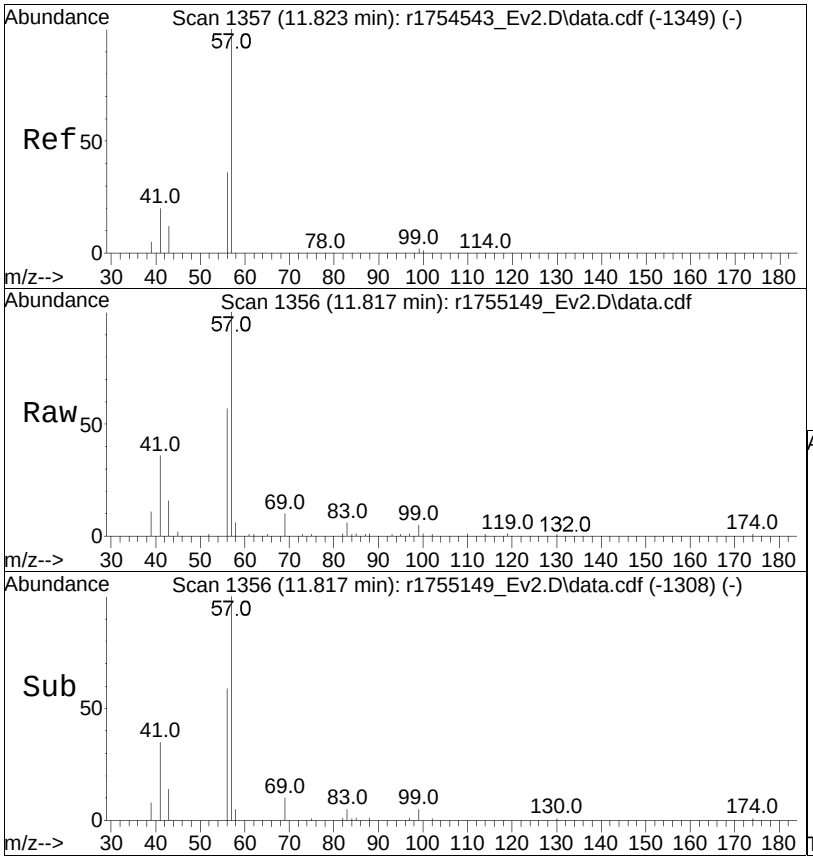


#40
cyclohexane
Concen: 0.37 ppbV
RT: 10.857 min Scan# 1212
Delta R.T. -0.013 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 56 Resp: 15013

Ion	Ratio	Lower	Upper
56	100		
84	77.8	58.6	87.8
41	53.8	35.6	53.4#

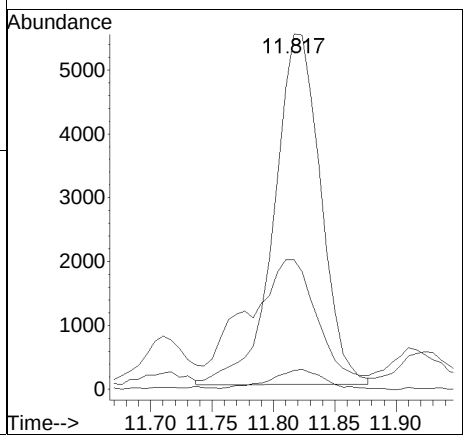


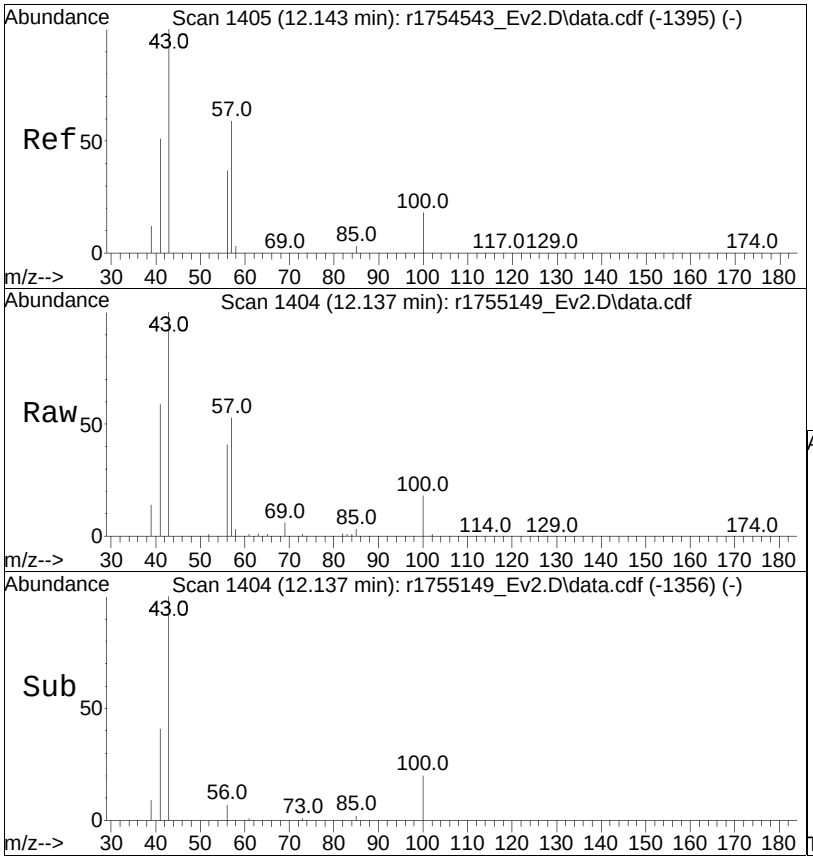


#46
2,2,4-trimethylpentane
Concen: 0.12 ppbV
RT: 11.817 min Scan# 1356
Delta R.T. -0.007 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 57 Resp: 14500

Ion	Ratio	Lower	Upper
57	100		
99	5.3	4.0	6.0
41	36.5	16.2	24.2#

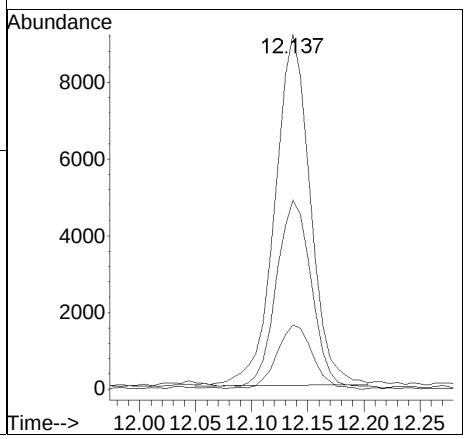


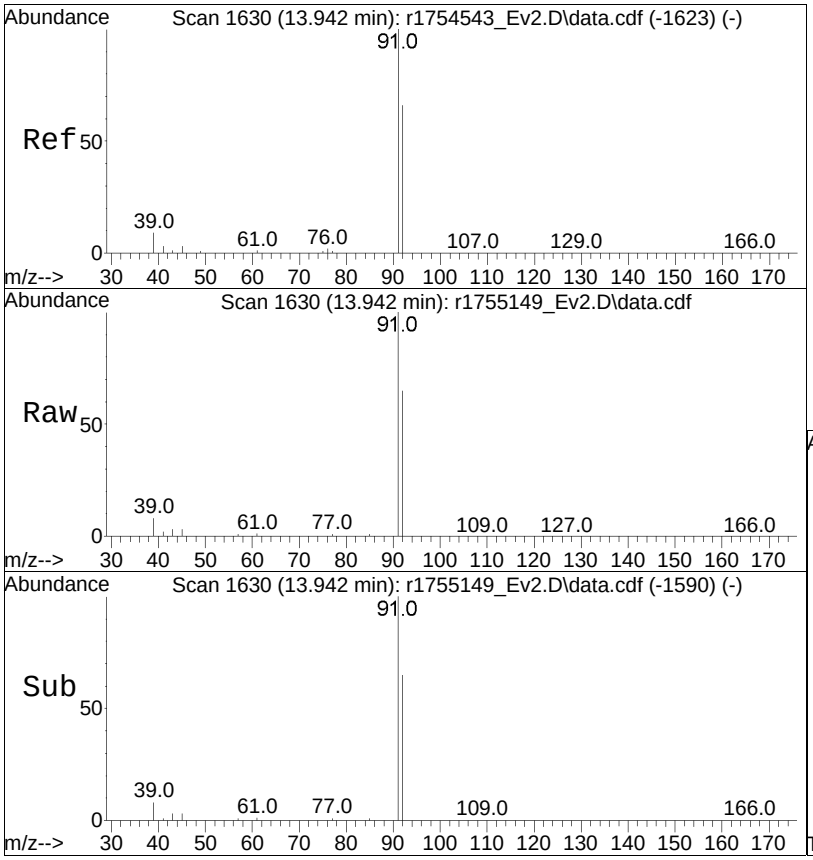


#47
heptane
Concen: 0.49 ppbV
RT: 12.137 min Scan# 1404
Delta R.T. -0.007 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 43 Resp: 20156

Ion	Ratio	Lower	Upper
43	100		
57	53.3	47.2	70.8
100	18.2	14.9	22.3

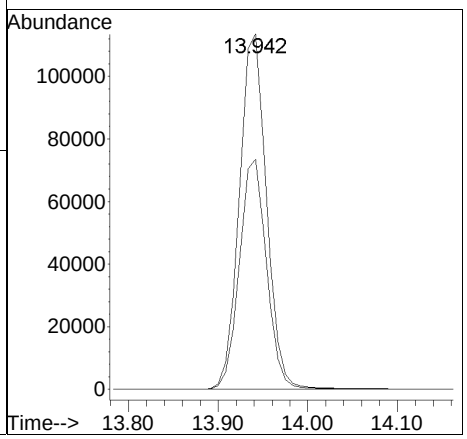


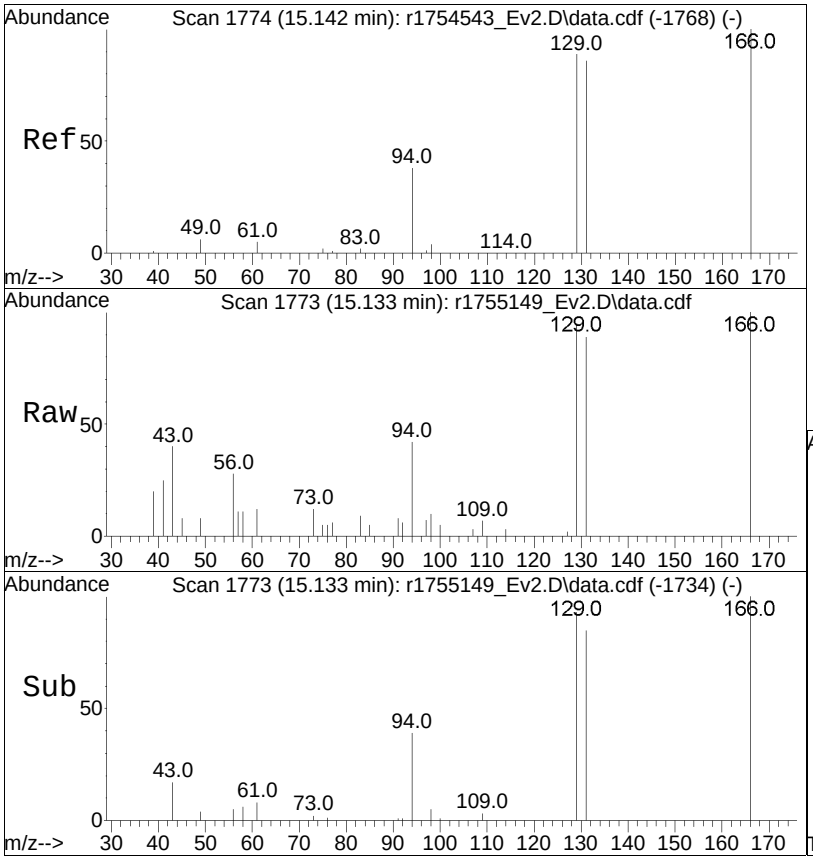


#53
toluene
Concen: 2.94 ppbV
RT: 13.942 min Scan# 1630
Delta R.T. 0.000 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 91 Resp: 239148

Ion	Ratio	Lower	Upper
91	100		
92	64.8	52.6	78.8

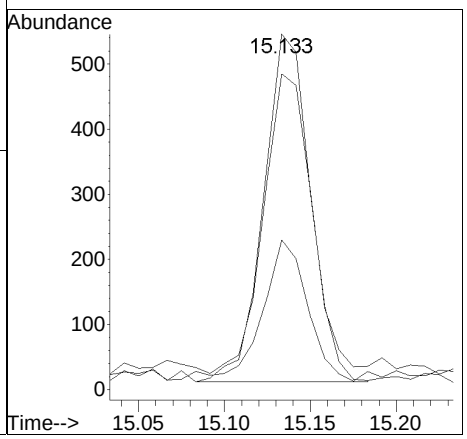


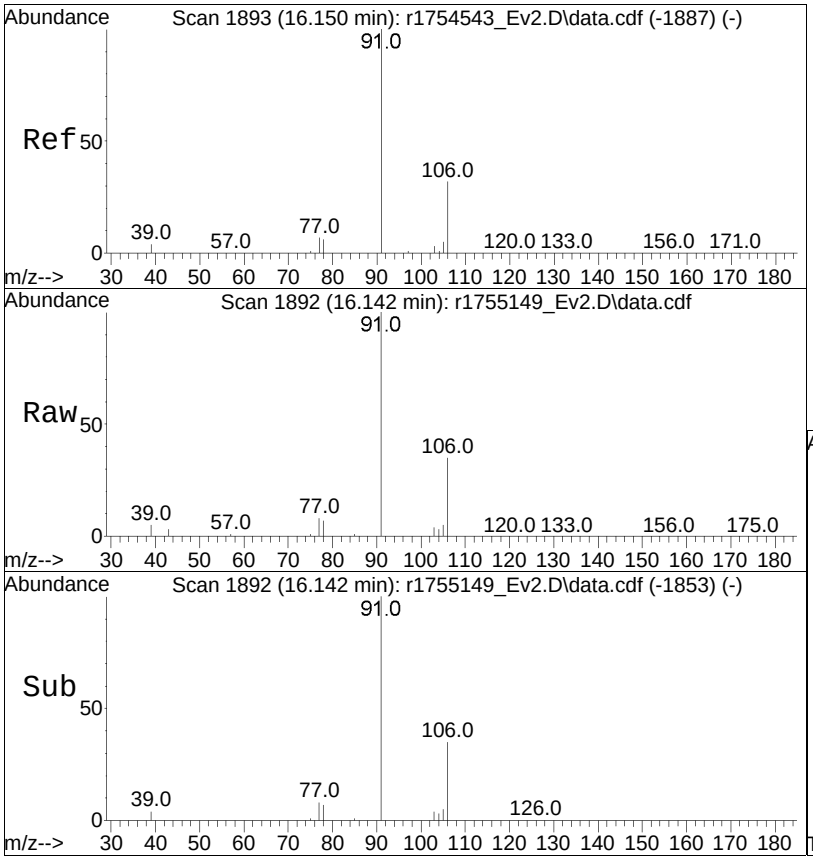


#58
tetrachloroethene
Concen: 0.03 ppbV
RT: 15.133 min Scan# 1773
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:166 Resp: 1011

Ion	Ratio	Lower	Upper
166	100		
131	88.8	69.1	103.7
94	42.1	30.7	46.1

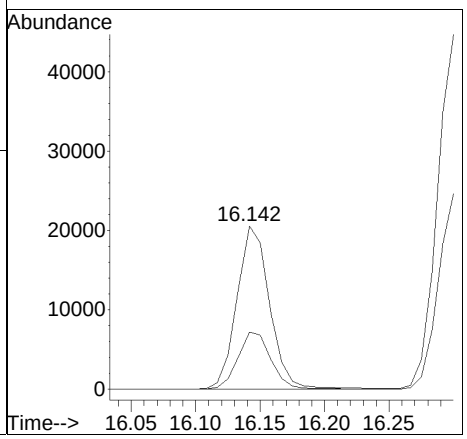


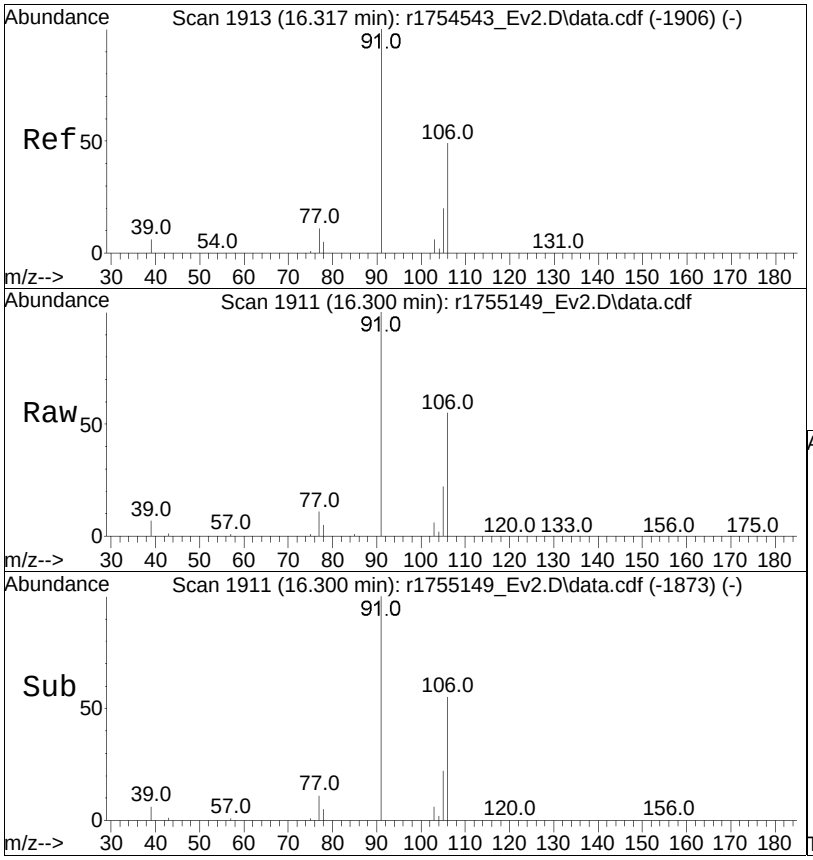


#61
ethylbenzene
Concen: 0.35 ppbV
RT: 16.142 min Scan# 1892
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 91 Resp: 36091

Ion	Ratio	Lower	Upper
91	100		
106	35.1	25.8	38.6

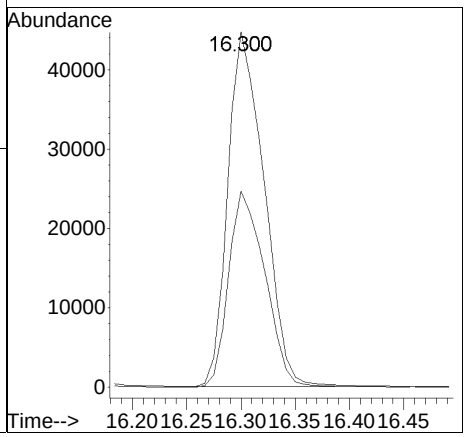


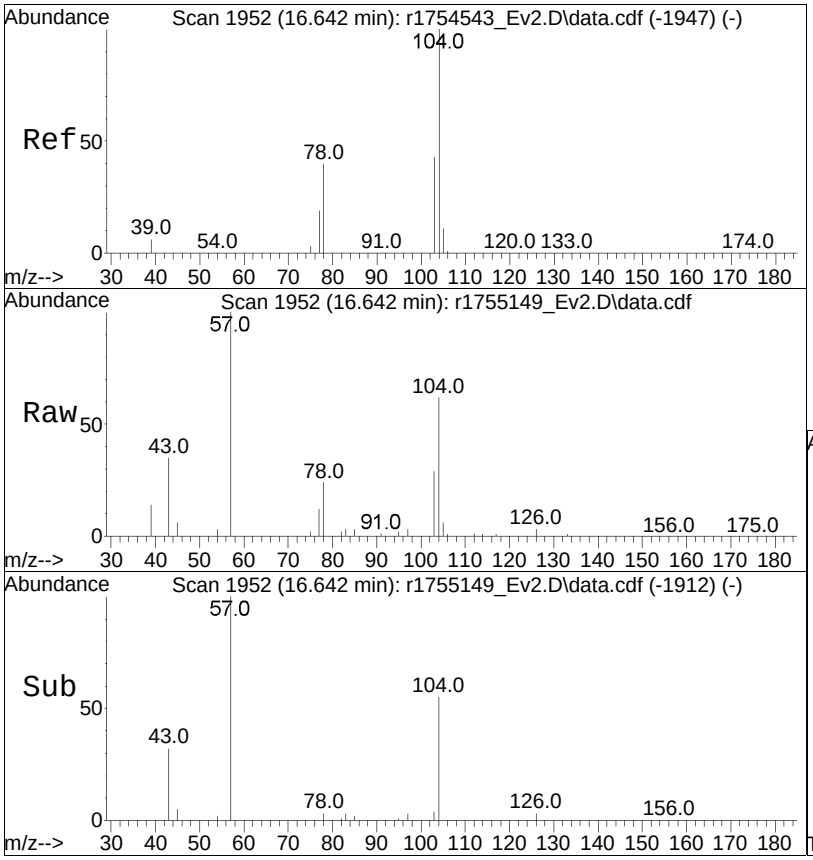


#62
m+p-xylene
Concen: 1.29 ppbV
RT: 16.300 min Scan# 1911
Delta R.T. -0.017 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 91 Resp: 103574

Ion	Ratio	Lower	Upper
91	100		
106	55.2	39.4	59.0

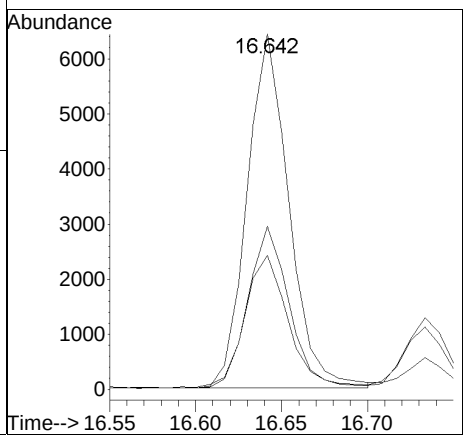


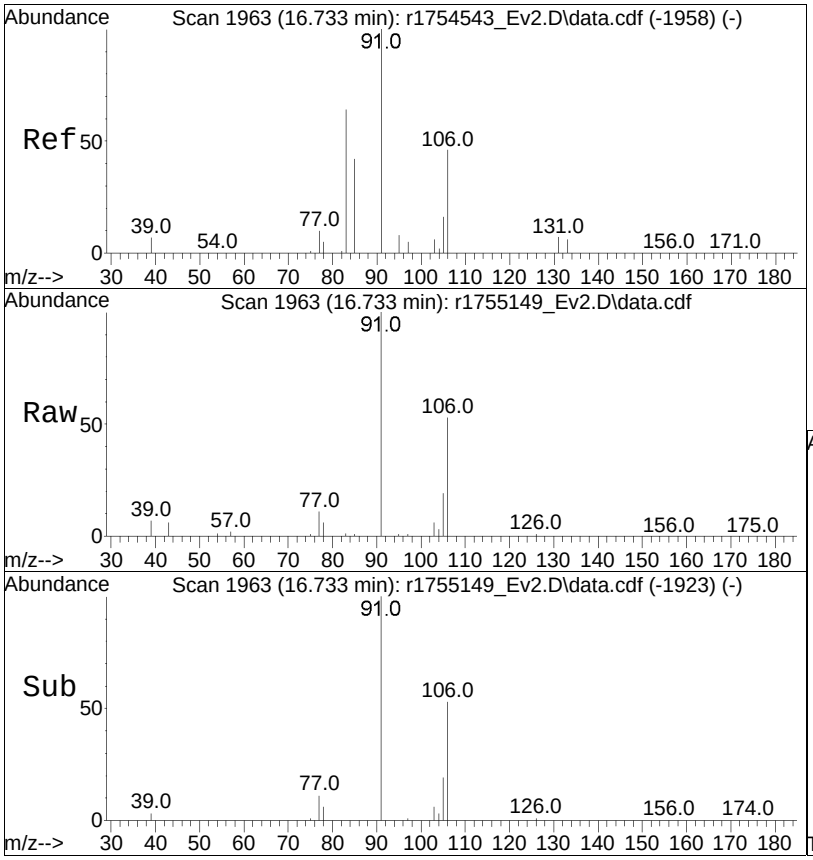


#64
styrene
Concen: 0.20 ppbV
RT: 16.642 min Scan# 1952
Delta R.T. 0.000 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:104 Resp: 10878

Ion	Ratio	Lower	Upper
104	100		
103	45.9	34.8	52.2
78	37.7	31.8	47.8

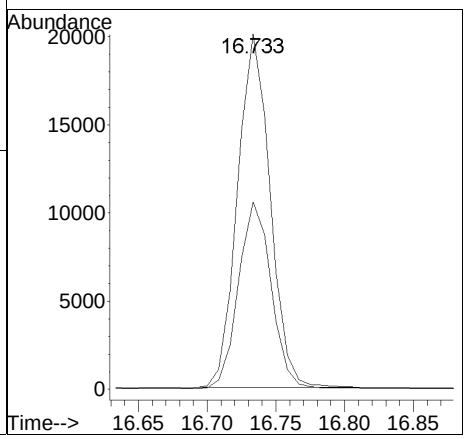


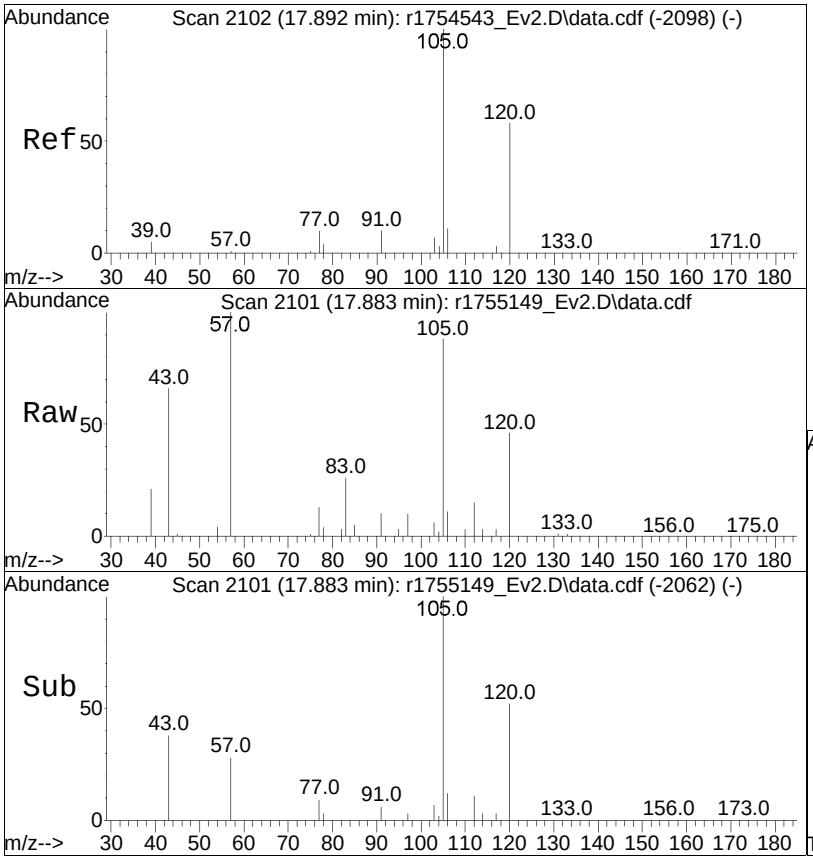


#66
o-xylene
Concen: 0.41 ppbV
RT: 16.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion: 91 Resp: 33010

Ion	Ratio	Lower	Upper
91	100		
106	52.8	37.0	55.4

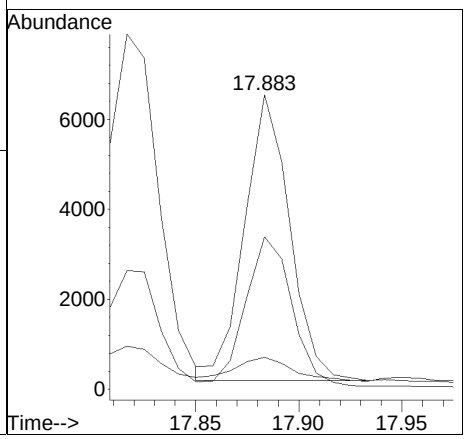


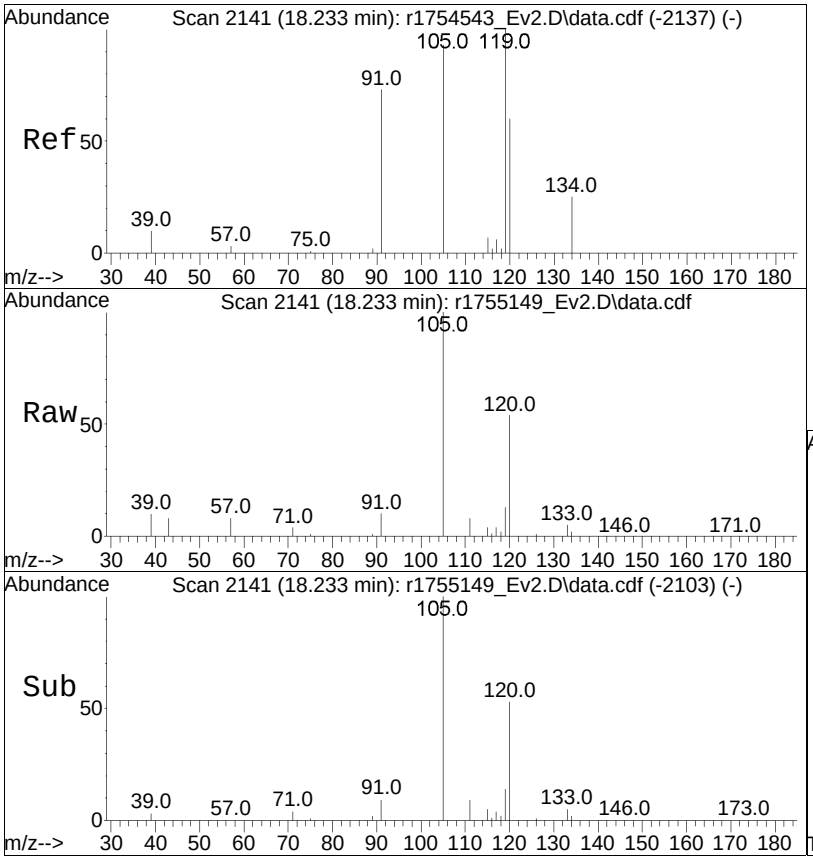


#72
1,3,5-trimethylbenzene
Concen: 0.12 ppbV
RT: 17.883 min Scan# 2101
Delta R.T. -0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:105 Resp: 9672

Ion	Ratio	Lower	Upper
105	100		
120	51.8	46.2	69.4
91	10.9	8.0	12.0

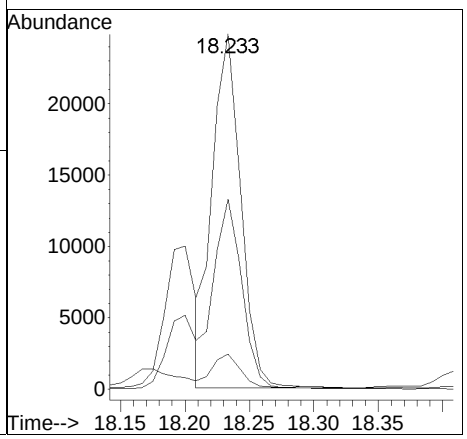


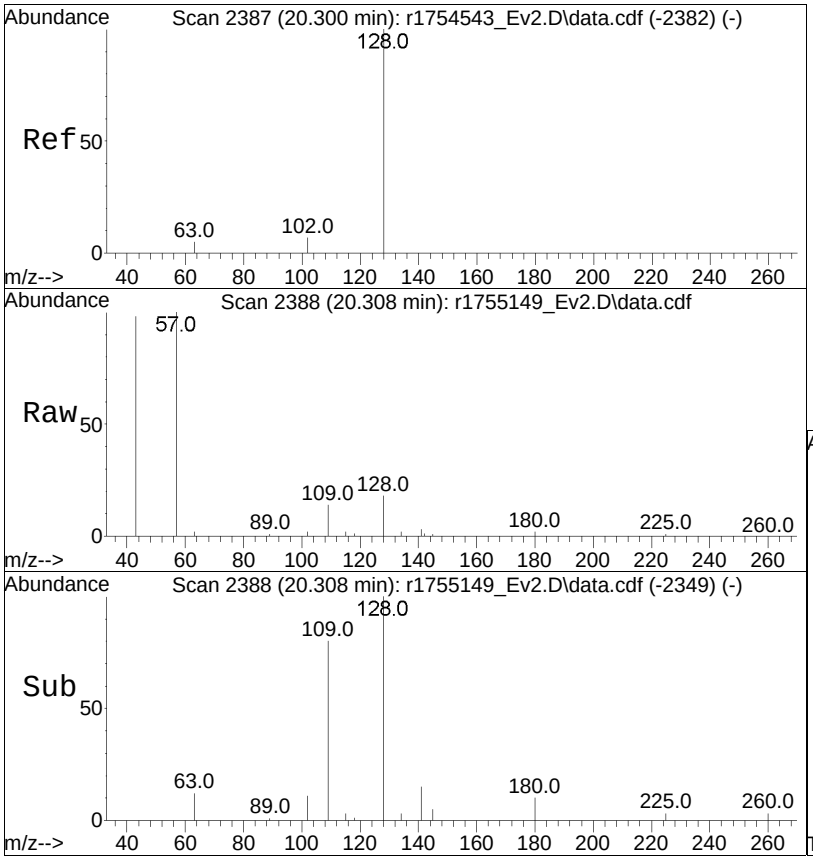


#74
1,2,4-trimethylbenzene
Concen: 0.47 ppbV
RT: 18.233 min Scan# 2141
Delta R.T. 0.000 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:105 Resp: 38186

Ion	Ratio	Lower	Upper
105	100		
120	53.5	51.8	77.8
91	10.0	63.4	95.2#

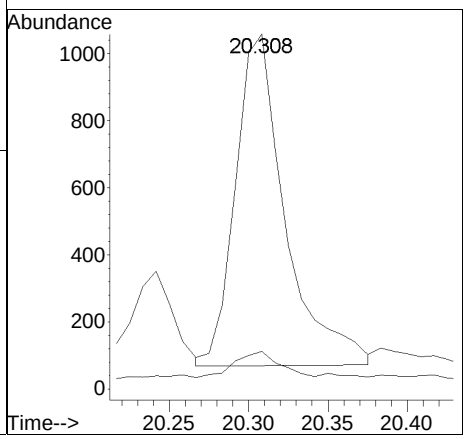




#85
naphthalene
Concen: 0.02 ppbV
RT: 20.308 min Scan# 2388
Delta R.T. 0.008 min
Lab File: r1755149_Ev2.D
Acq: 28 Mar 2026 10:50 AM

Tgt Ion:128 Resp: 2155

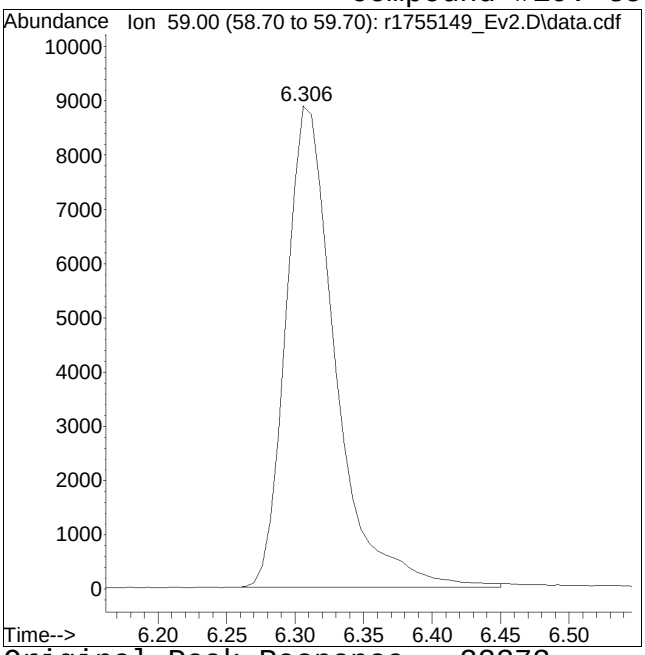
Ion	Ratio	Lower	Upper
128	100		
102	10.7	5.7	8.5#



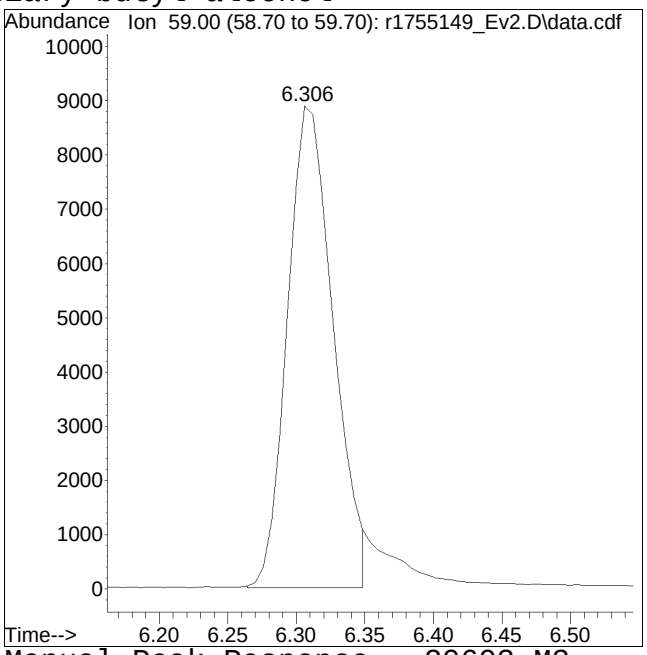
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755149_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/28/2026 10:50 AM Instrument :
Sample : L2612589-05,3,250,250 Quant Date : 3/28/2026 12:39 pm

Compound #19: tertiary butyl alcohol



Original Peak Response = 22373



Manual Peak Response = 20693 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\Airlab17\2026\03\0327SIM\
Data File : r1755151_Ev2.D
Acq On : 28 Mar 2026 12:03 PM
Operator : AIRLAB17:SL
Sample : L2612589-09,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:40:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.750	49	248694	10.000	ppbV	-0.02
Standard Area = 255556			Recovery = 97.31%			
34) 1,4-difluorobenzene	10.970	114	874782	10.000	ppbV	-0.01
Standard Area = 912824			Recovery = 95.83%			
52) chlorobenzene-D5	15.742	54	112145	10.000	ppbV	0.00
Standard Area = 110427			Recovery = 101.56%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.832	85	68224	1.803	ppbV	100
5) chloromethane	3.982	50	2532	0.142	ppbV	96
6) Freon-114	4.084	85	784	0.017	ppbV	98
7) vinyl chloride	4.192		0	N.D.		
9) bromomethane	4.594		0	N.D.		
10) chloroethane	4.768		0	N.D.		
11) ethanol	4.900	31	489748	27.359	ppbV #	59
15) trichlorofluoromethane	5.580	101	8597	0.222	ppbV	98
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	6.306	59	40997M3	1.057	ppbV	
20) methylene chloride	6.390	49	2929	0.140	ppbV	94
23) Freon 113	6.690	101	3257	0.077	ppbV	91
24) trans-1,2-dichloroethene	7.417		0	N.D.		
25) 1,1-dichloroethane	7.650		0	N.D.		
26) MTBE	0.000		0	N.D.	d	
28) 2-butanone	8.067	43	235253	6.410	ppbV	98
29) cis-1,2-dichloroethene	8.575		0	N.D.		
31) chloroform	8.908	83	1107	0.030	ppbV #	90
33) 1,2-dichloroethane	9.733	62	757	0.031	ppbV #	87
35) hexane	8.825	57	13058	0.326	ppbV #	75
37) 1,1,1-trichloroethane	10.025	97	869	0.022	ppbV #	89
38) benzene	10.543	78	23923	0.312	ppbV	94
39) carbon tetrachloride	10.717	117	2531	0.075	ppbV	94
40) cyclohexane	10.857	56	3659	0.090	ppbV #	88
42) 1,2-dichloropropane	11.483	63	430	0.013	ppbV #	62
43) bromodichloromethane	0.000		0	N.D.	d	
44) 1,4-dioxane	0.000		0	N.D.	d	
45) trichloroethene	11.770	130	3804	0.096	ppbV	96

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755151_Ev2.D
Acq On : 28 Mar 2026 12:03 PM
Operator : AIRLAB17:SL
Sample : L2612589-09,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:40:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

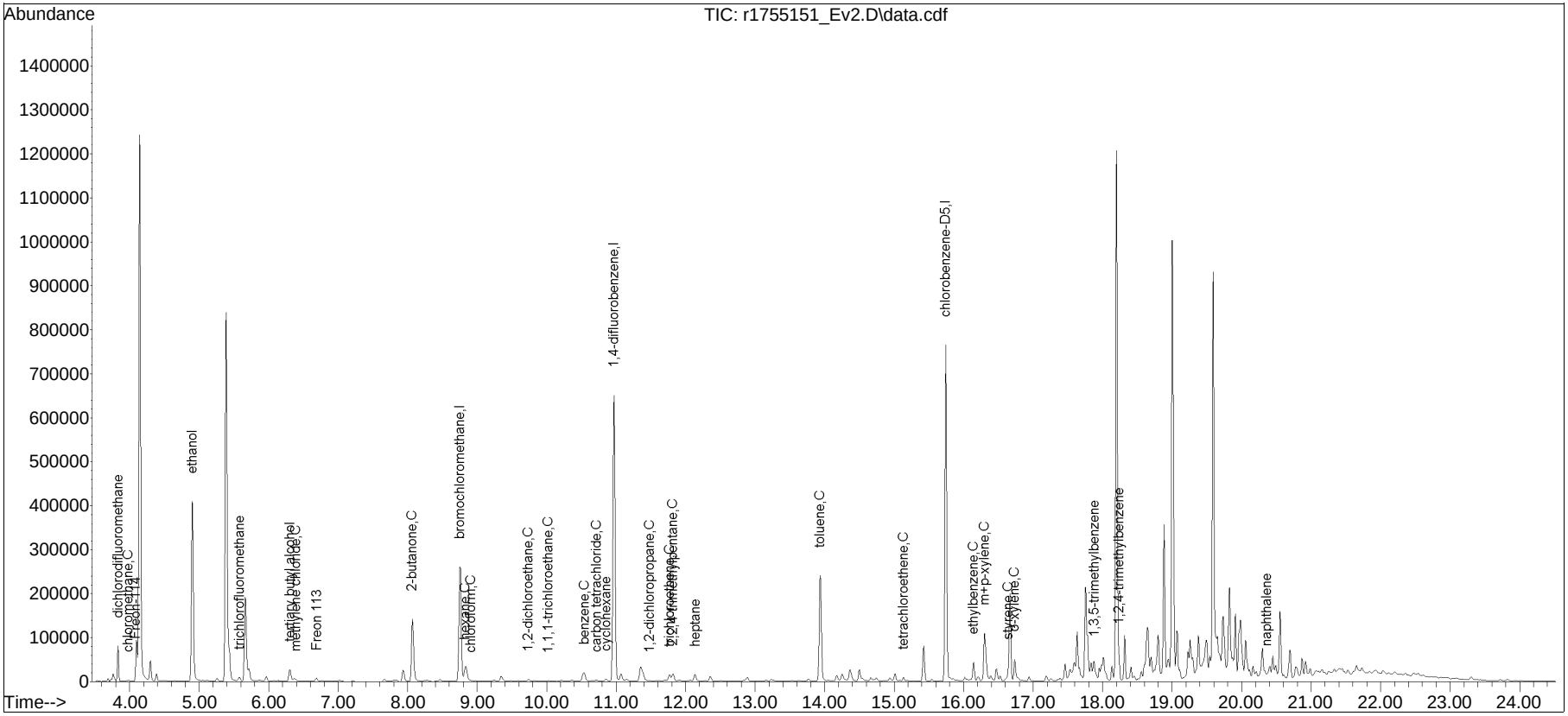
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	11.817	57	19276	0.154	ppbV #	87
47) heptane	12.137	43	11712M4	0.281	ppbV	
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	13.475		0	N.D.		
53) toluene	13.933	91	272450	3.109	ppbV	99
56) dibromochloromethane	14.400		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.133	166	4917	0.145	ppbV	98
60) chlorobenzene	15.917		0	N.D.		
61) ethylbenzene	16.142	91	41961	0.378	ppbV	93
62) m+p-xylene	16.300	91	116641	1.349	ppbV	91
63) bromoform	16.383		0	N.D.		
64) styrene	16.642	104	9036	0.151	ppbV	98
65) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
66) o-xylene	16.733	91	37243	0.424	ppbV	90
72) 1,3,5-trimethylbenzene	17.883	105	10736	0.122	ppbV	97
74) 1,2,4-trimethylbenzene	18.233	105	38171	0.434	ppbV #	50
75) Benzyl Chloride	18.367		0	N.D.		
76) 1,3-dichlorobenzene	18.375		0	N.D.		
77) 1,4-dichlorobenzene	18.433		0	N.D.		
81) 1,2-dichlorobenzene	18.725		0	N.D.		
84) 1,2,4-trichlorobenzene	20.192		0	N.D.		
85) naphthalene	20.358	128	6603	0.065	ppbV	97
87) hexachlorobutadiene	20.675		0	N.D.		

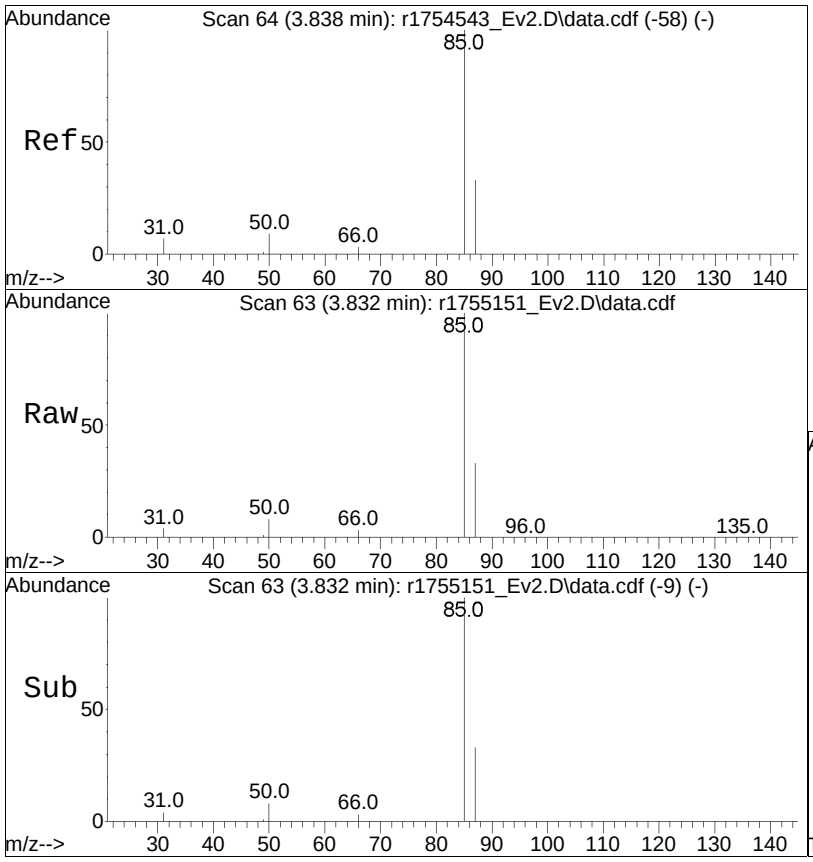
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755151_Ev2.D
Acq On : 28 Mar 2026 12:03 PM
Operator : AIRLAB17:SL
Sample : L2612589-09,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:40:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

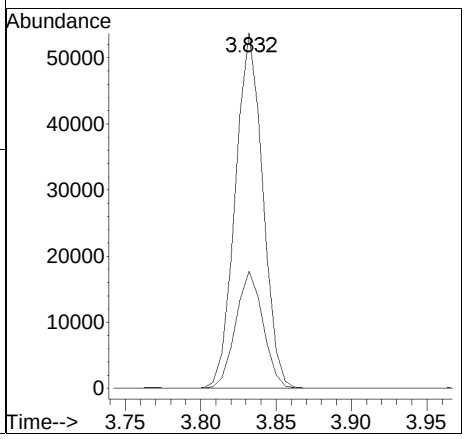


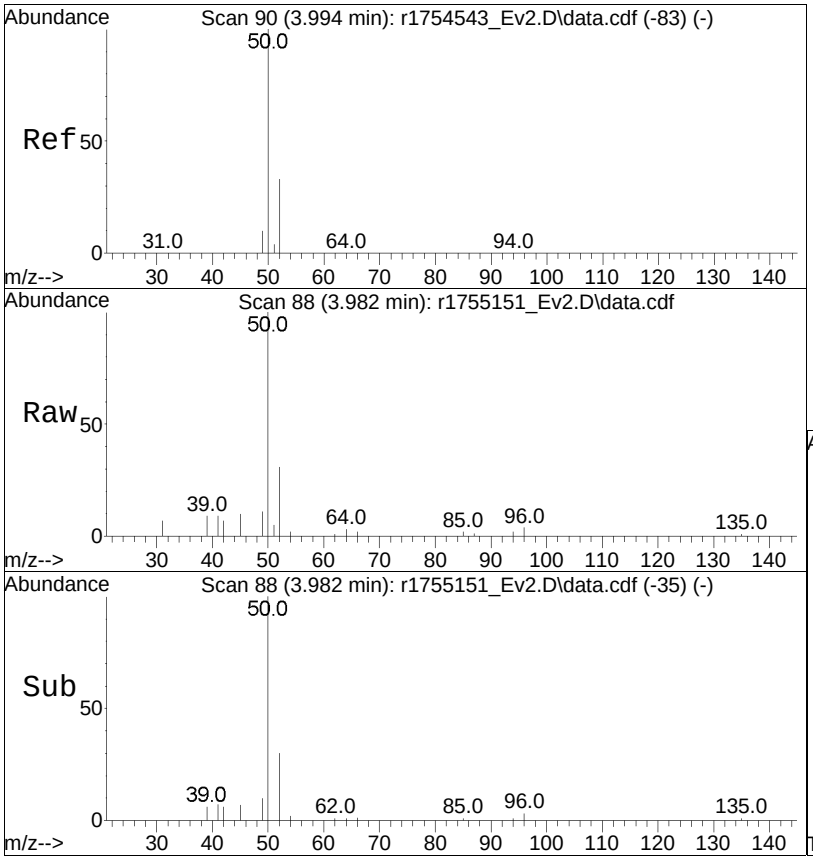


#4
dichlorodifluoromethane
Concen: 1.80 ppbV
RT: 3.832 min Scan# 63
Delta R.T. -0.006 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 85 Resp: 68224

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.2	39.4

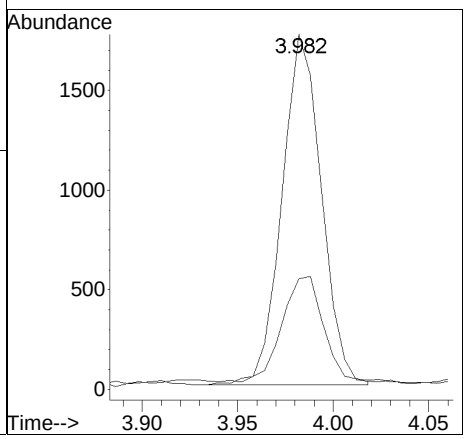


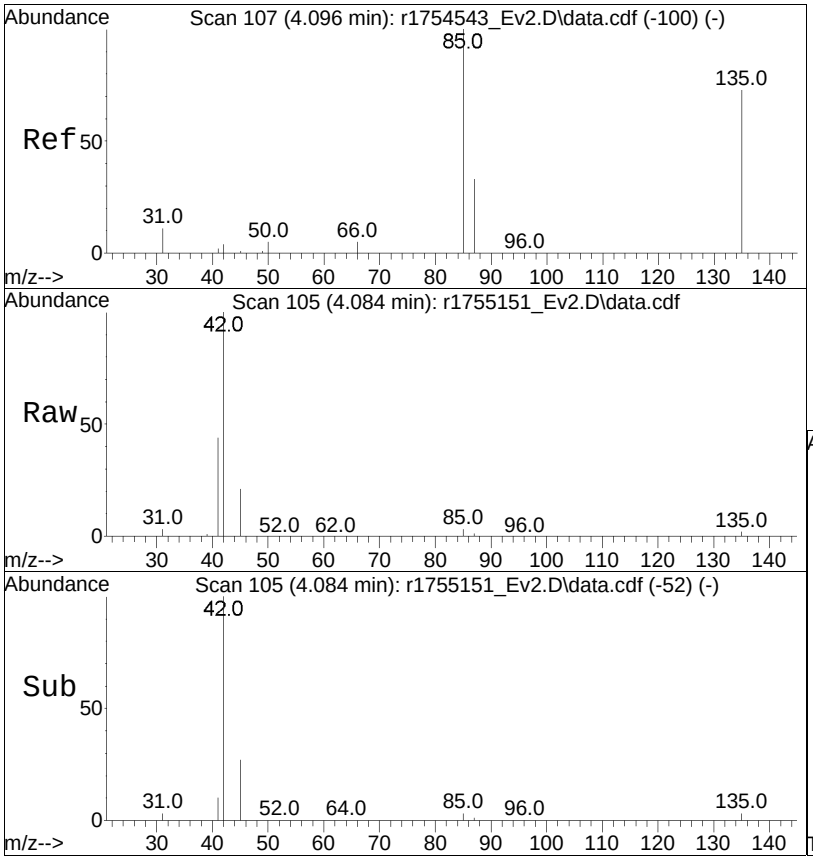


#5
chloromethane
Concen: 0.14 ppbV
RT: 3.982 min Scan# 88
Delta R.T. -0.012 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 50 Resp: 2532

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.6	39.8

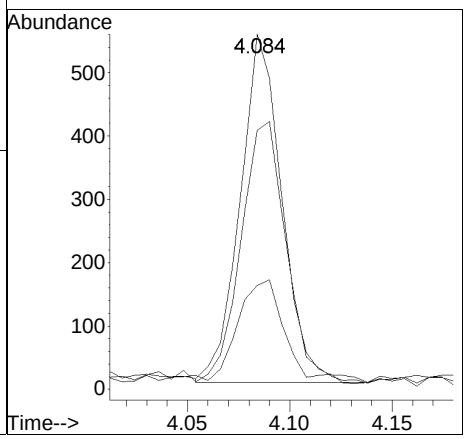


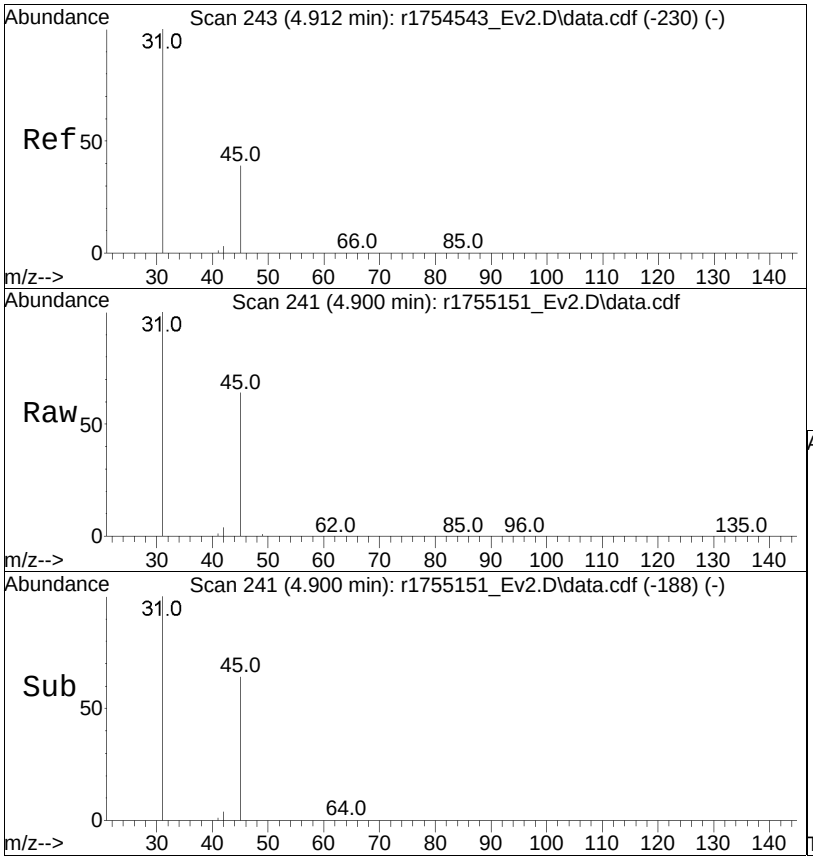


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.084 min Scan# 105
Delta R.T. -0.012 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 85 Resp: 784

Ion	Ratio	Lower	Upper
85	100		
87	29.2	26.2	39.4
135	72.9	58.1	87.1

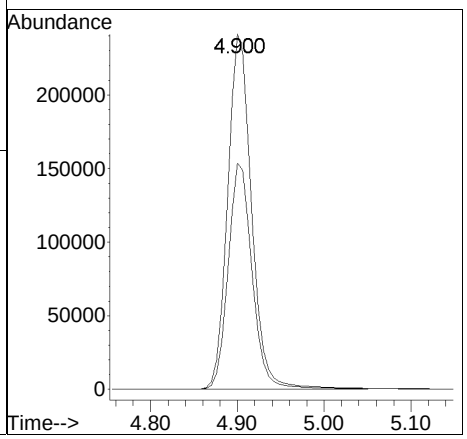


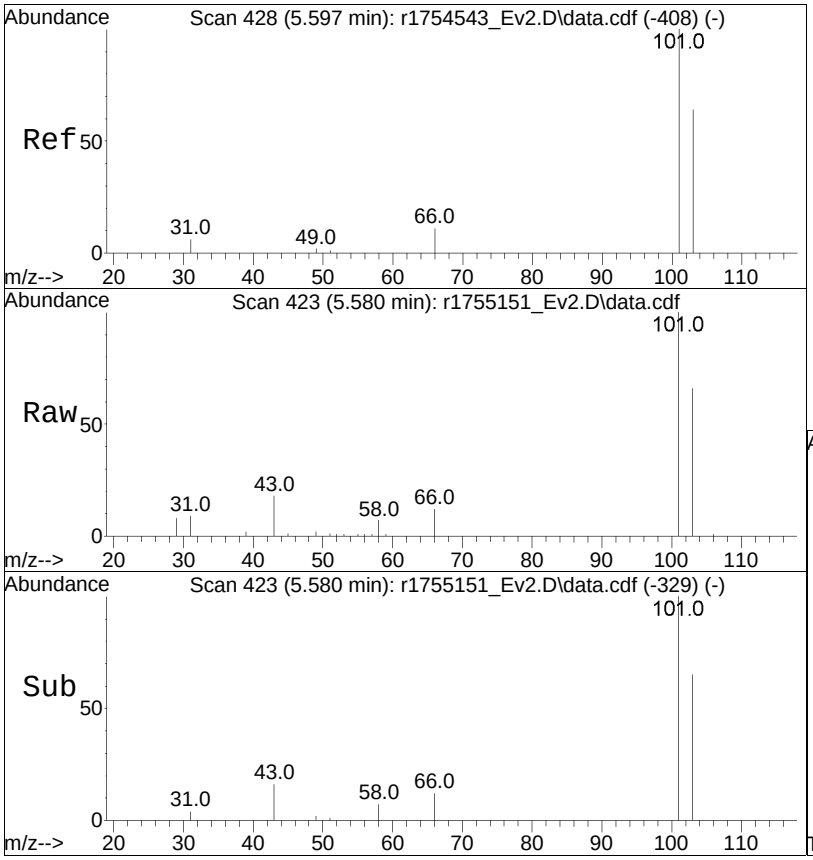


#11
ethanol
Concen: 27.36 ppbV
RT: 4.900 min Scan# 241
Delta R.T. -0.012 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 31 Resp: 489748

Ion	Ratio	Lower	Upper
31	100		
45	63.7	31.0	46.4#

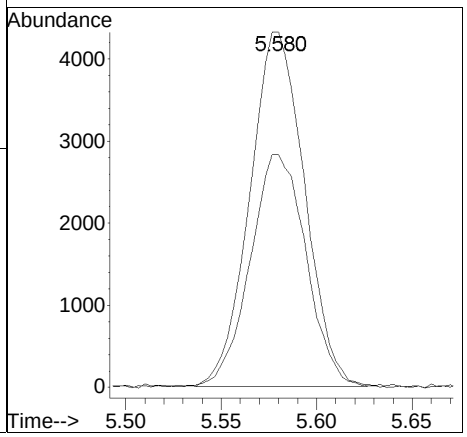


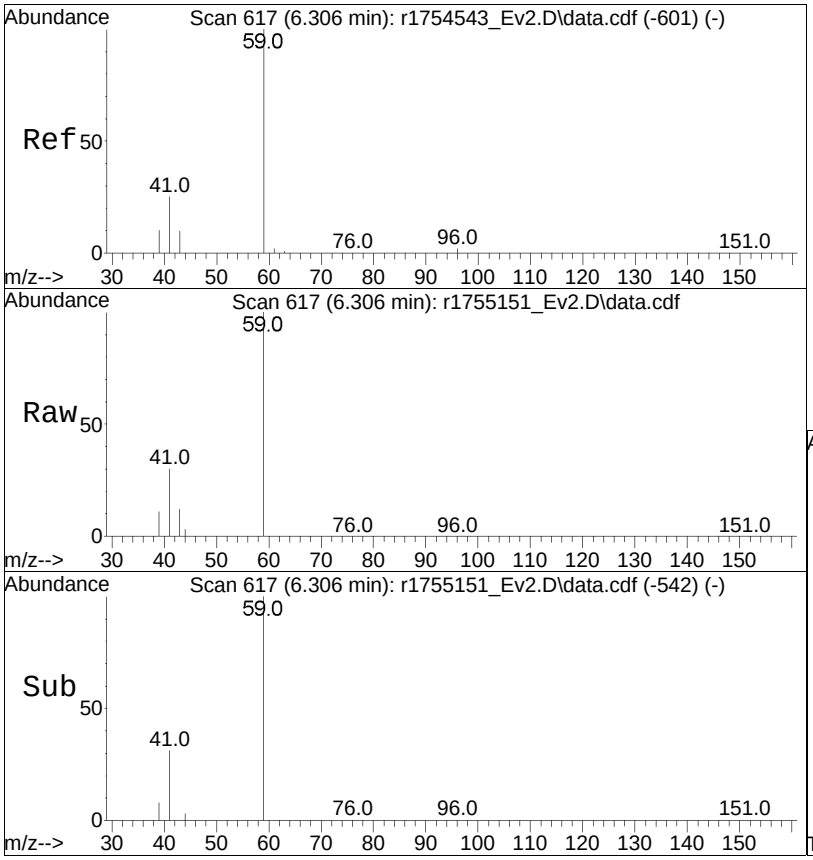


#15
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 5.580 min Scan# 423
Delta R.T. -0.017 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:101 Resp: 8597

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.0

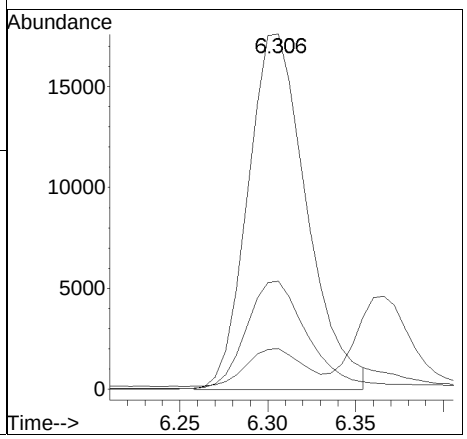


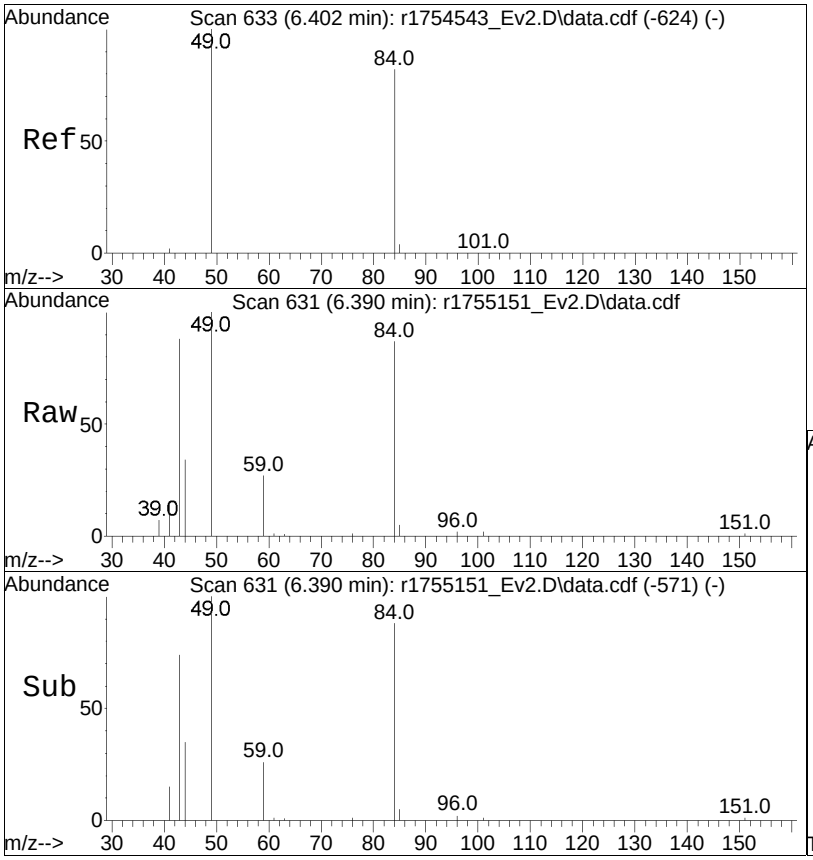


#19
tertiary butyl alcohol
Concen: 1.06 ppbV m
RT: 6.306 min Scan# 617
Delta R.T. 0.000 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 59 Resp: 40997

Ion	Ratio	Lower	Upper
59	100		
41	32.5	19.8	29.6#
43	10.2	7.4	11.0

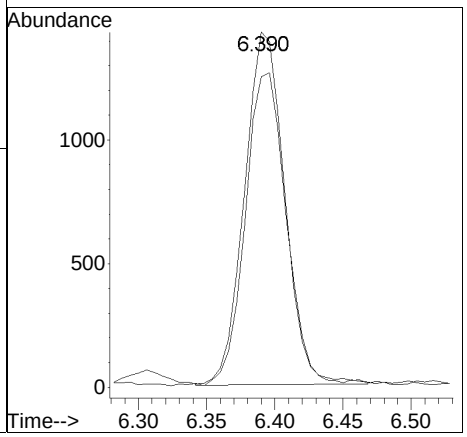


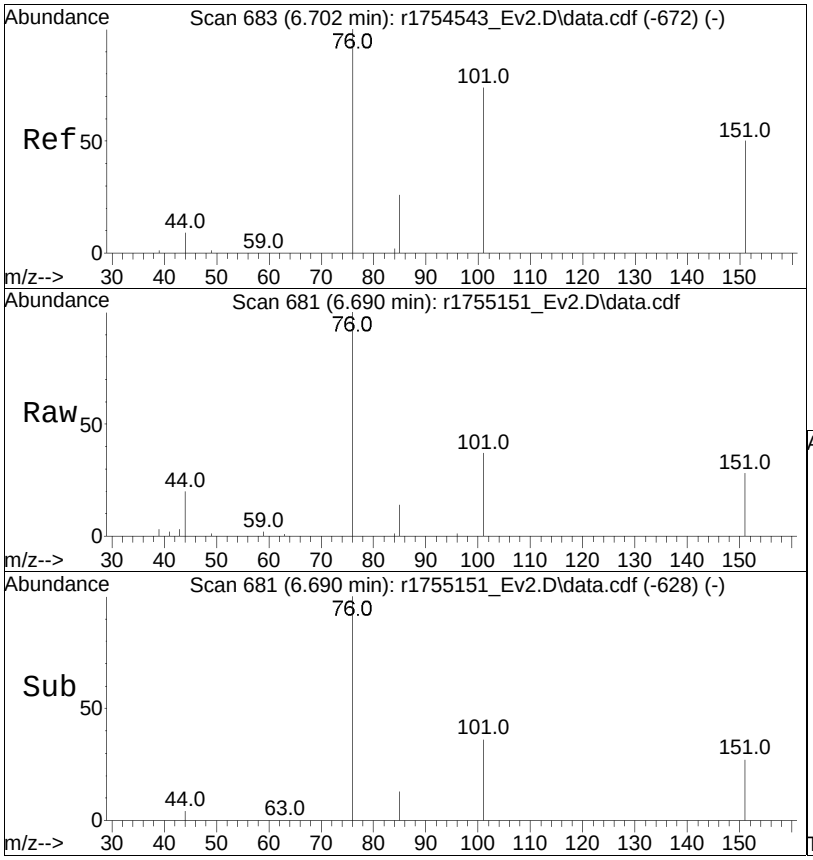


#20
methylene chloride
Concen: 0.14 ppbV
RT: 6.390 min Scan# 631
Delta R.T. -0.012 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 49 Resp: 2929

Ion	Ratio	Lower	Upper
49	100		
84	87.4	65.9	98.9

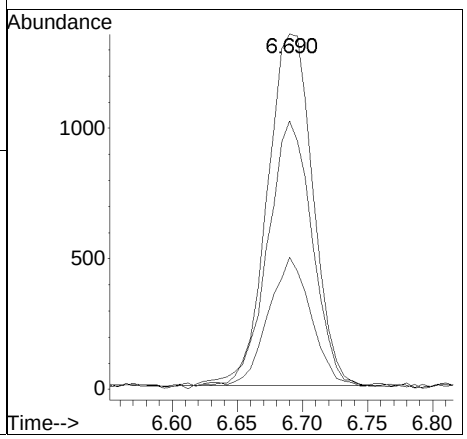


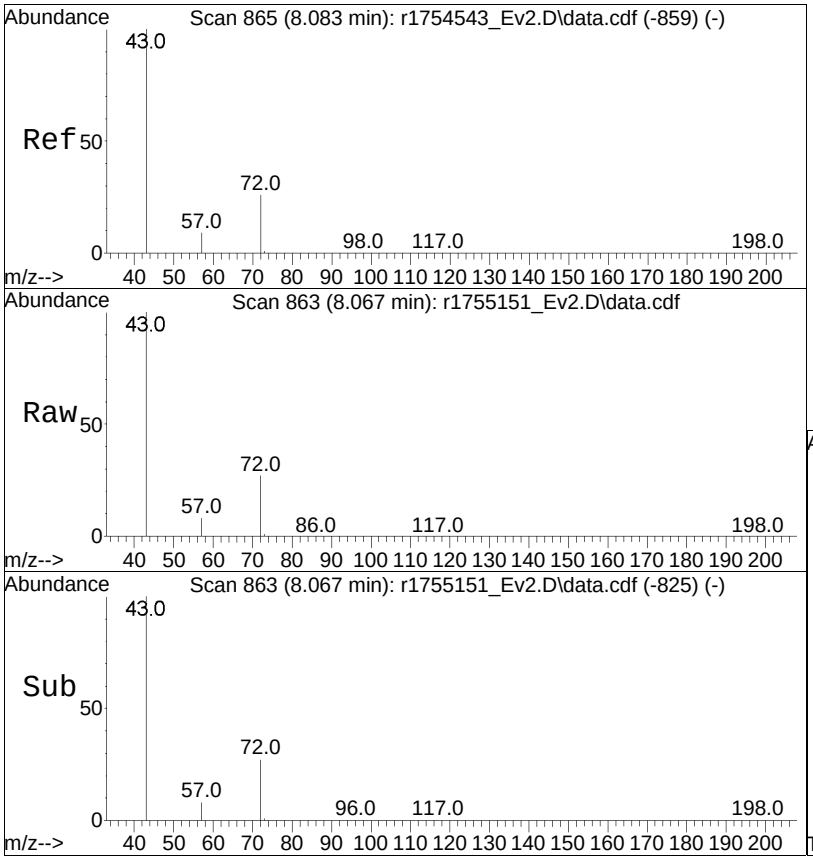


#23
Freon 113
Concen: 0.08 ppbV
RT: 6.690 min Scan# 681
Delta R.T. -0.012 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:101 Resp: 3257

Ion	Ratio	Lower	Upper
101	100		
85	37.2	27.5	41.3
151	75.5	53.4	80.0

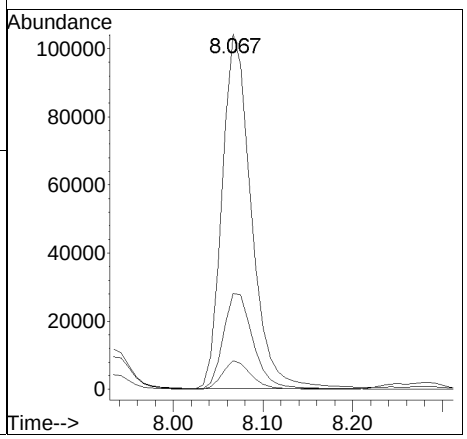


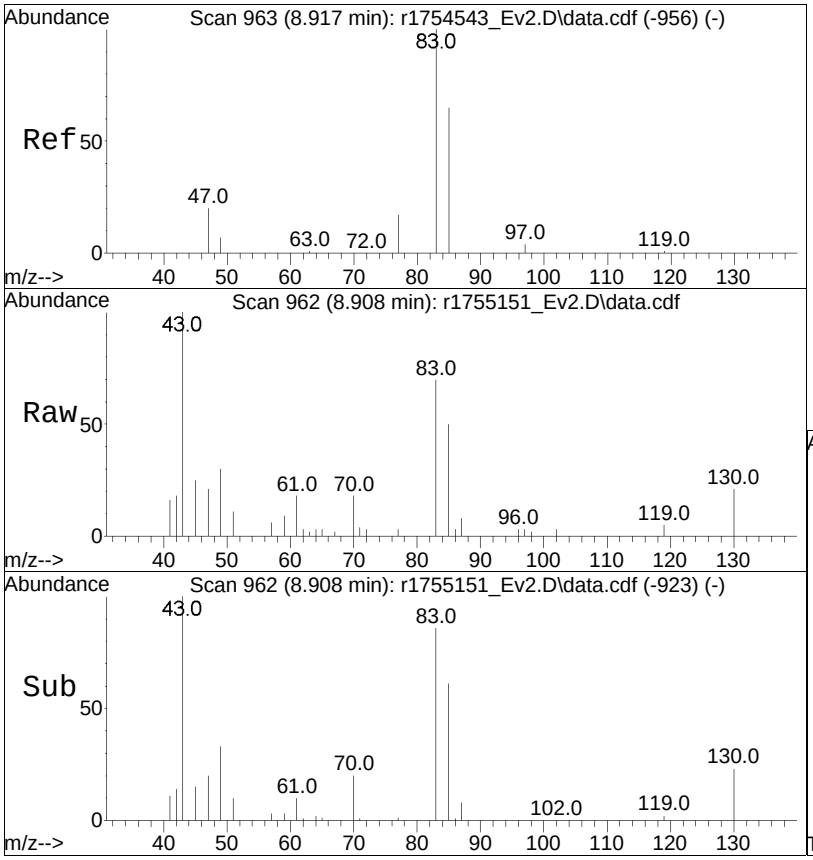


#28
2-butanone
Concen: 6.41 ppbV
RT: 8.067 min Scan# 863
Delta R.T. -0.017 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 43 Resp: 235253

Ion	Ratio	Lower	Upper
43	100		
72	27.0	20.7	31.1
57	8.1	6.9	10.3

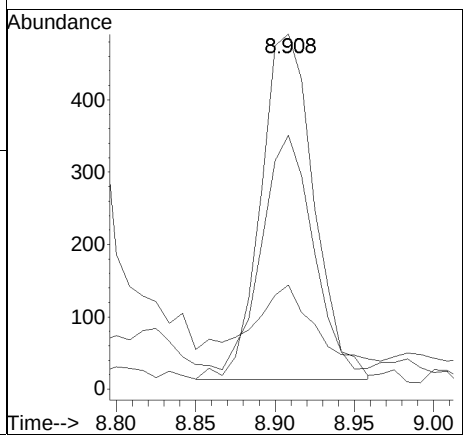


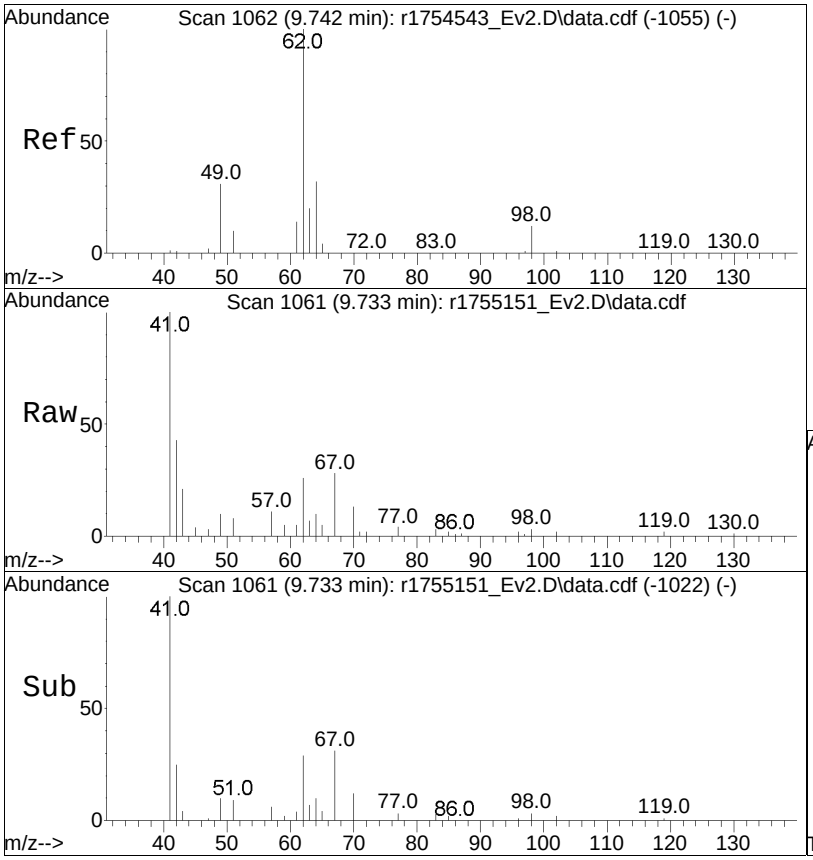


#31
chloroform
Concen: 0.03 ppbV
RT: 8.908 min Scan# 962
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 83 Resp: 1107

Ion	Ratio	Lower	Upper
83	100		
85	71.5	52.3	78.5
47	29.3	16.5	24.7#

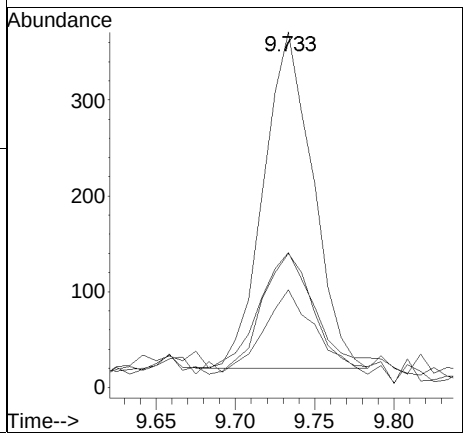


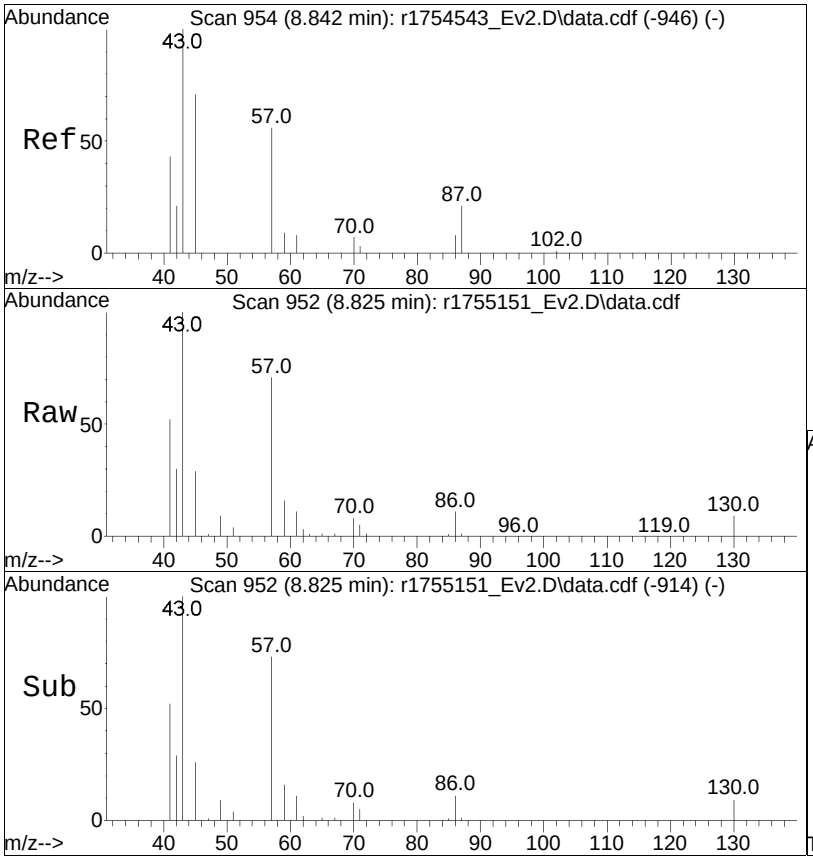


#33
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 9.733 min Scan# 1061
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 62 Resp: 757

Ion	Ratio	Lower	Upper
62	100		
64	37.7	25.4	38.2
49	38.0	24.6	37.0#
63	27.5	15.9	23.9#

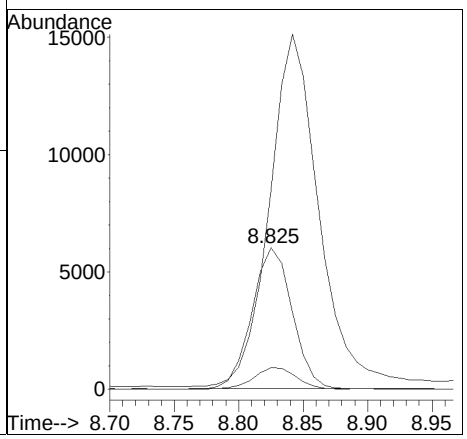


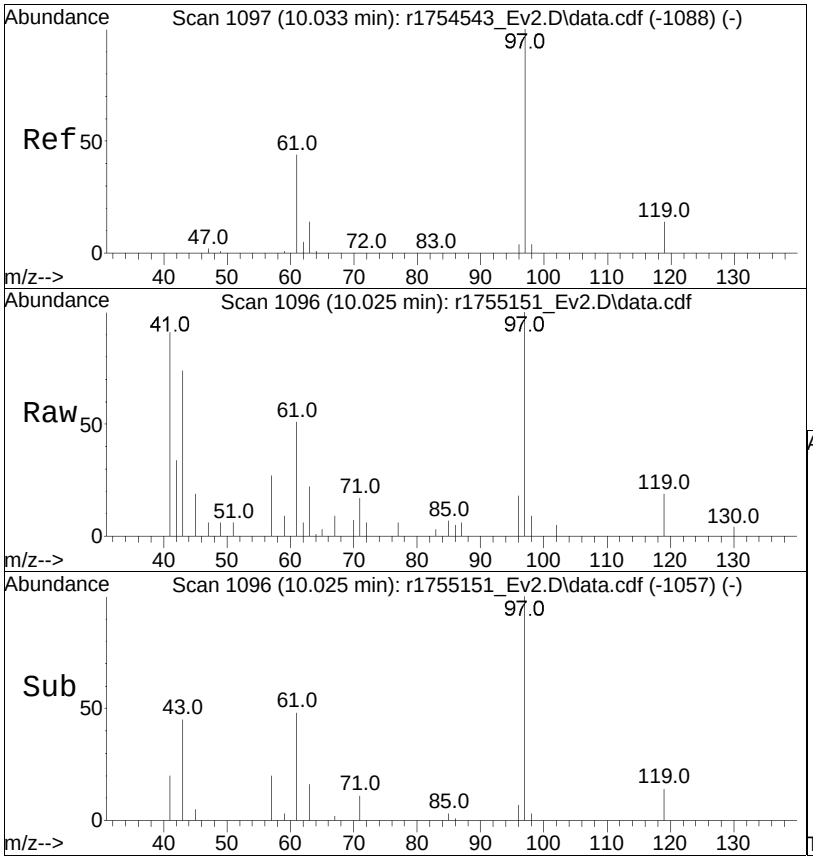


#35
hexane
Concen: 0.33 ppbV
RT: 8.825 min Scan# 952
Delta R.T. -0.017 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 57 Resp: 13058

Ion	Ratio	Lower	Upper
57	100		
43	140.5	143.4	215.2#
86	15.3	11.9	17.9

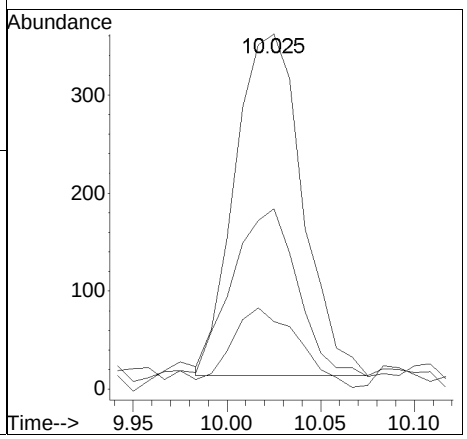


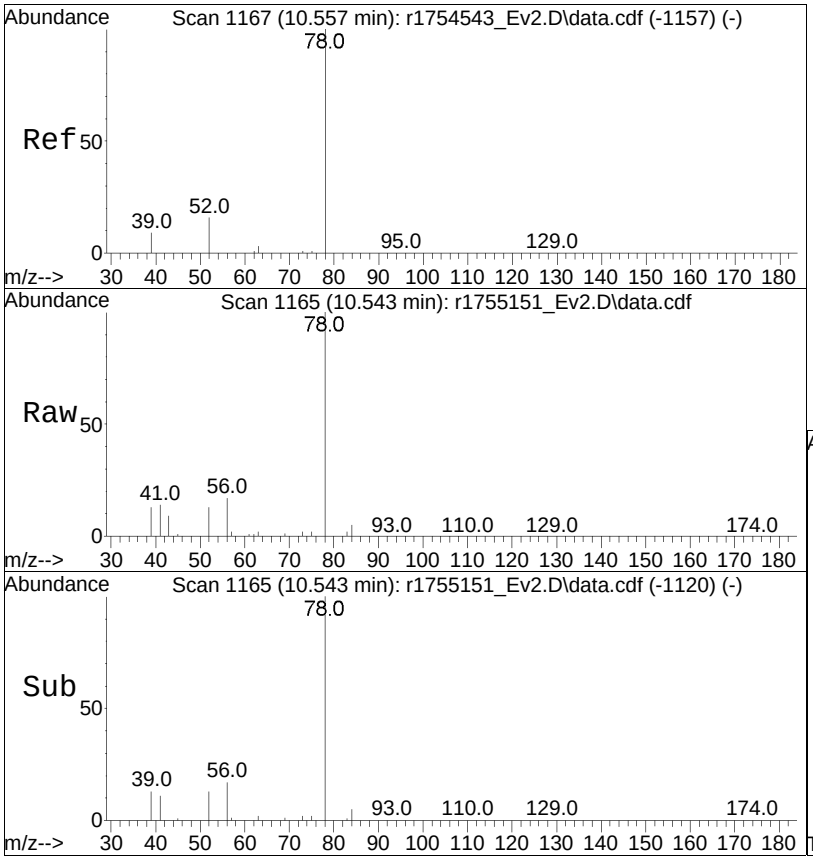


#37
1,1,1-trichloroethane
Concen: 0.02 ppbV
RT: 10.025 min Scan# 1096
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 97 Resp: 869

Ion	Ratio	Lower	Upper
97	100		
61	50.8	35.3	52.9
119	19.1	11.2	16.8#

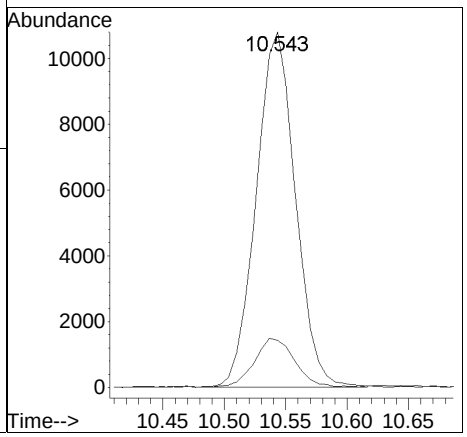


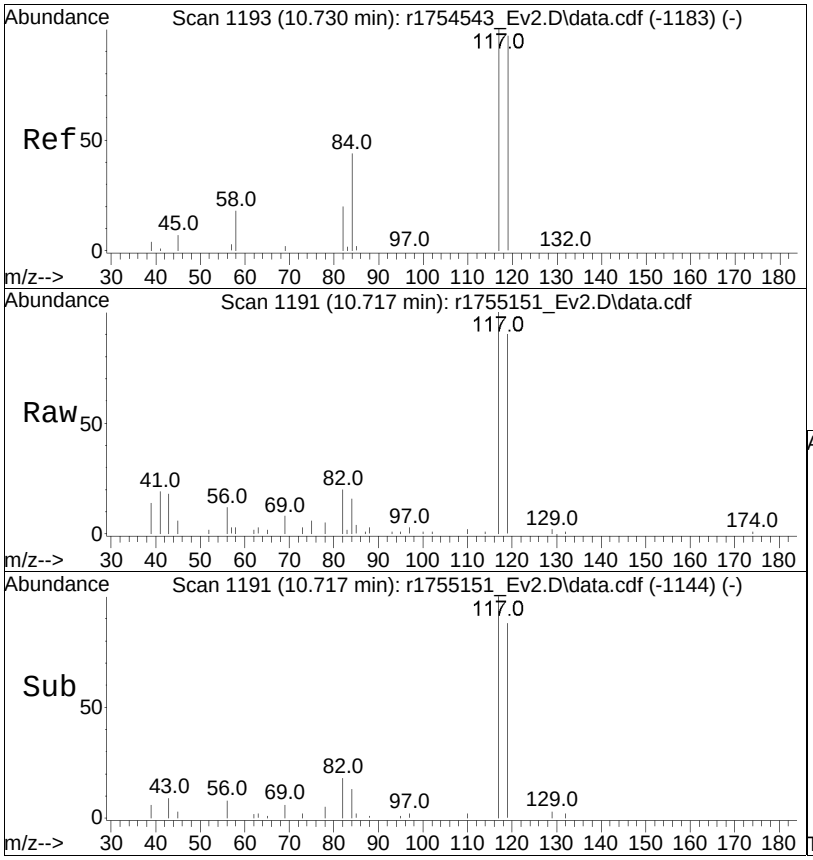


#38
benzene
Concen: 0.31 ppbV
RT: 10.543 min Scan# 1165
Delta R.T. -0.013 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 78 Resp: 23923

Ion	Ratio	Lower	Upper
78	100		
52	13.2	12.7	19.1

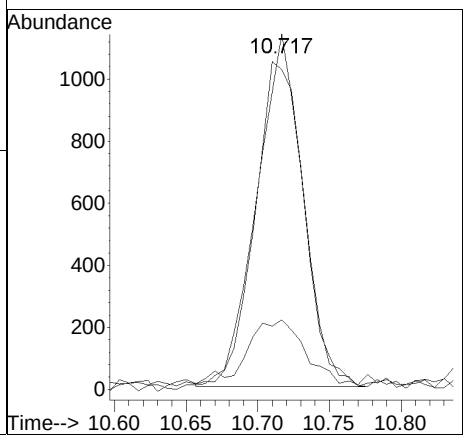


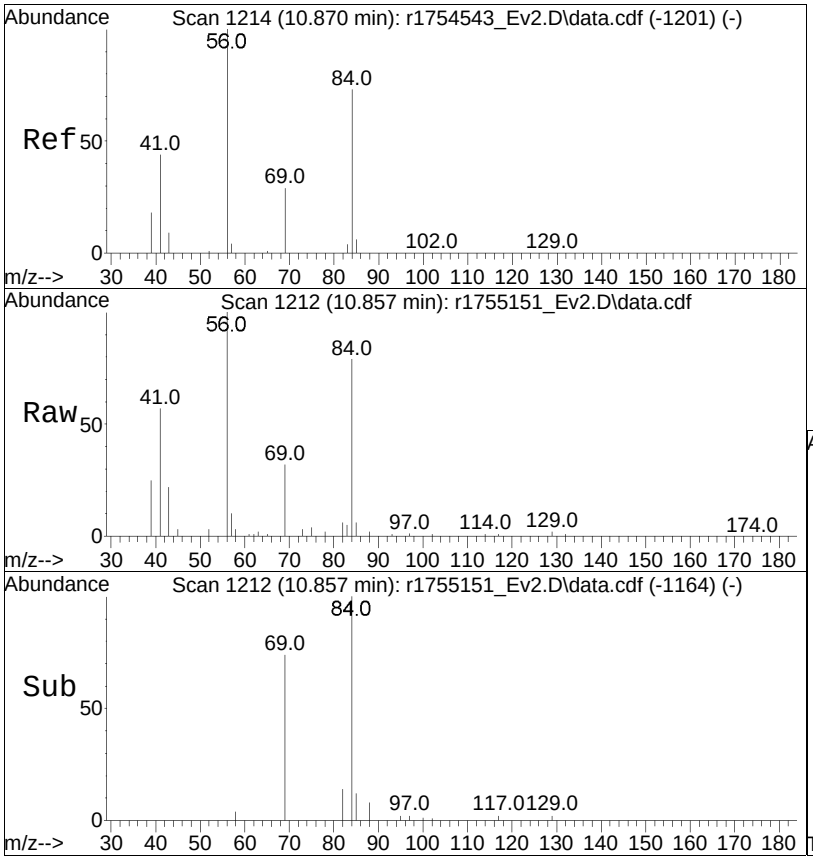


#39
carbon tetrachloride
Concen: 0.08 ppbV
RT: 10.717 min Scan# 1191
Delta R.T. -0.013 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:117 Resp: 2531

Ion	Ratio	Lower	Upper
117	100		
119	90.0	77.3	115.9
82	19.7	16.2	24.2

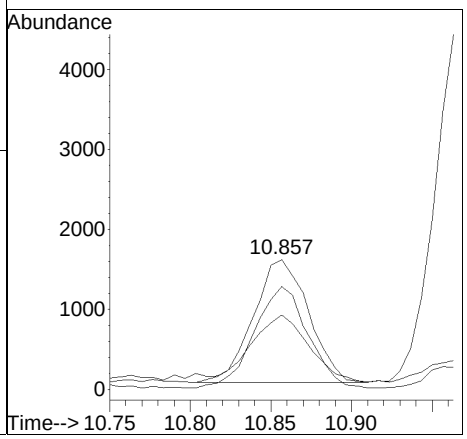


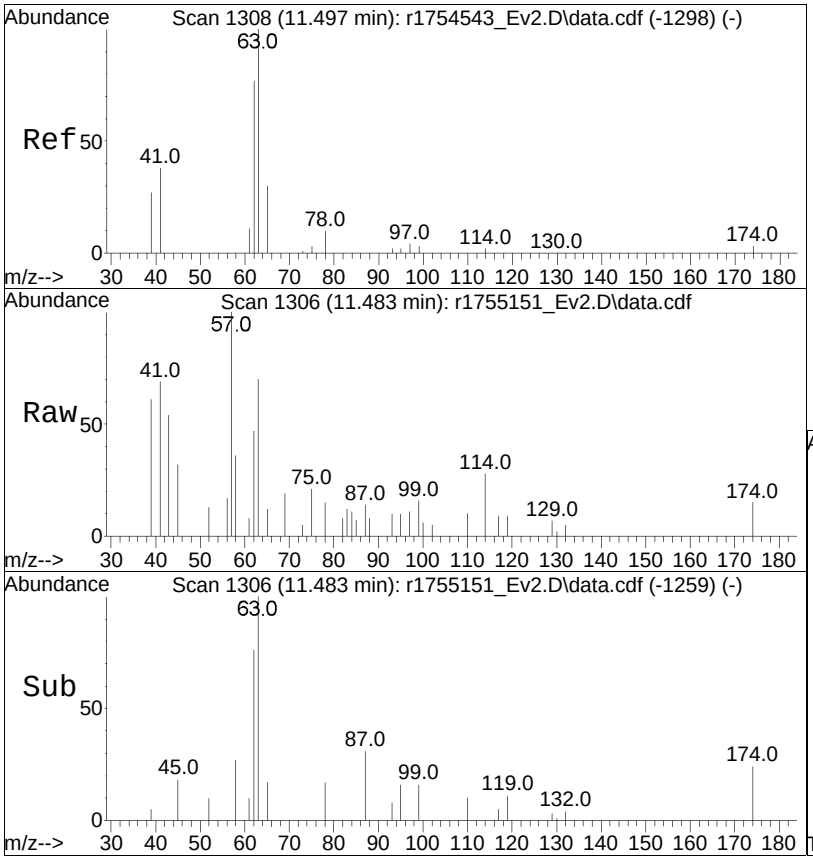


#40
cyclohexane
Concen: 0.09 ppbV
RT: 10.857 min Scan# 1212
Delta R.T. -0.013 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 56 Resp: 3659

Ion	Ratio	Lower	Upper
56	100		
84	79.2	58.6	87.8
41	57.4	35.6	53.4#

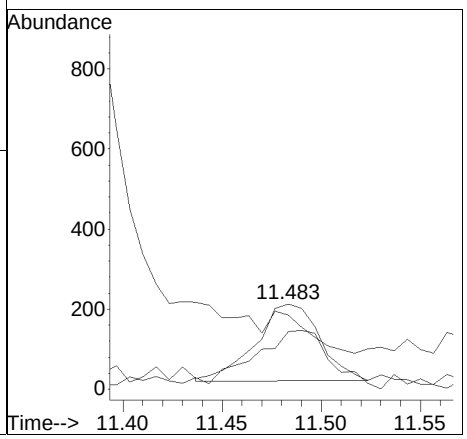


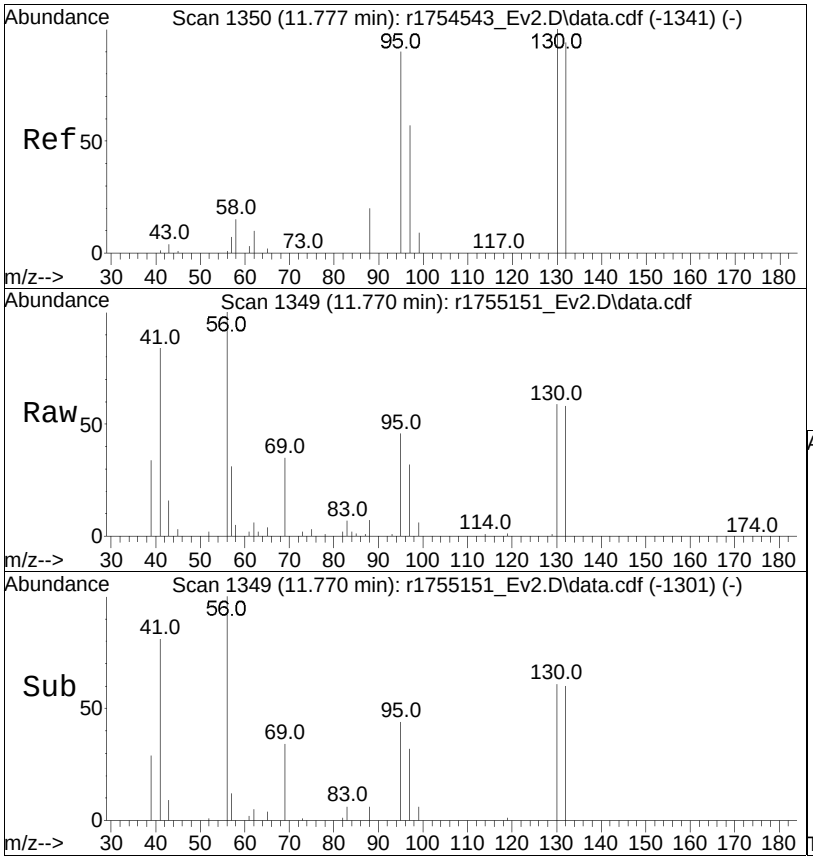


#42
1,2-dichloropropane
Concen: 0.01 ppbV
RT: 11.483 min Scan# 1306
Delta R.T. -0.013 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 63 Resp: 430

Ion	Ratio	Lower	Upper
63	100		
62	67.6	61.5	92.3
39	86.9	22.2	33.2#

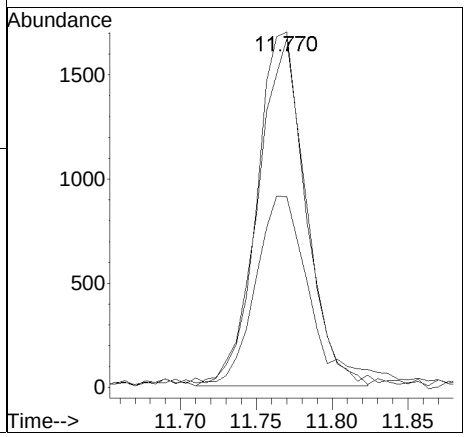


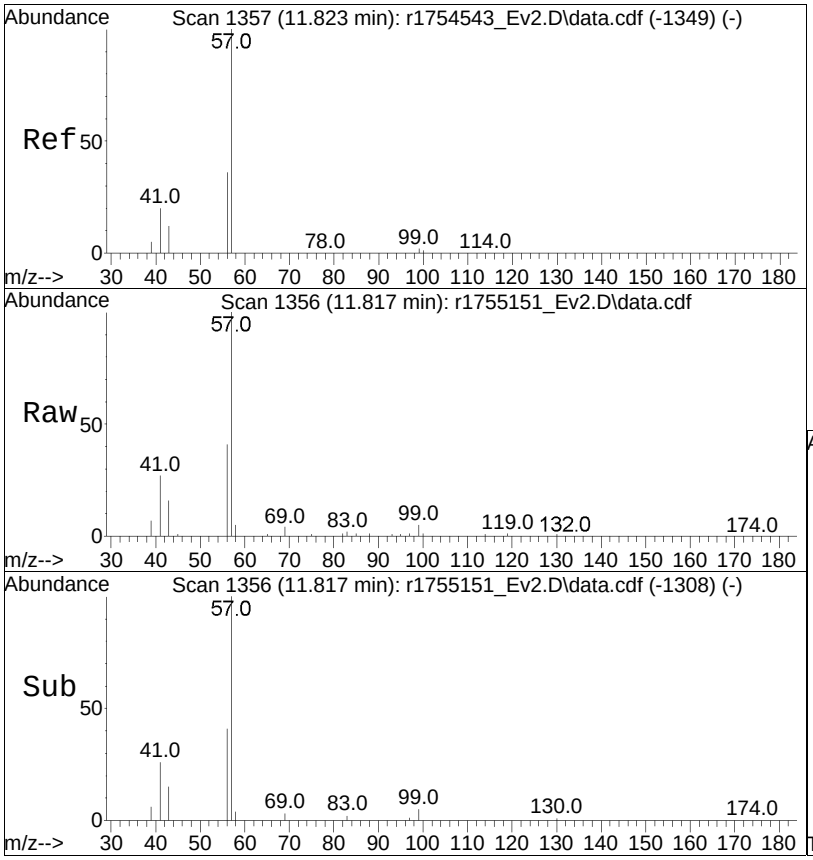


#45
trichloroethene
Concen: 0.10 ppbV
RT: 11.770 min Scan# 1349
Delta R.T. -0.007 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:130 Resp: 3804

Ion	Ratio	Lower	Upper
130	100		
132	98.1	75.0	112.4
97	53.6	45.4	68.2

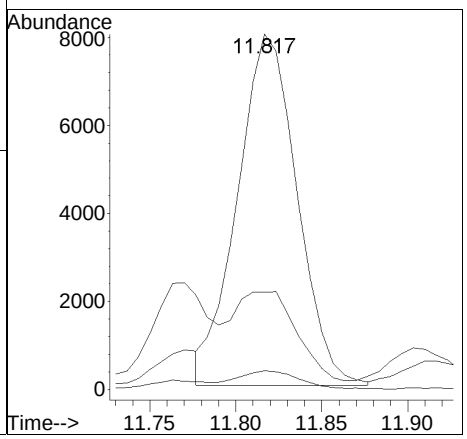


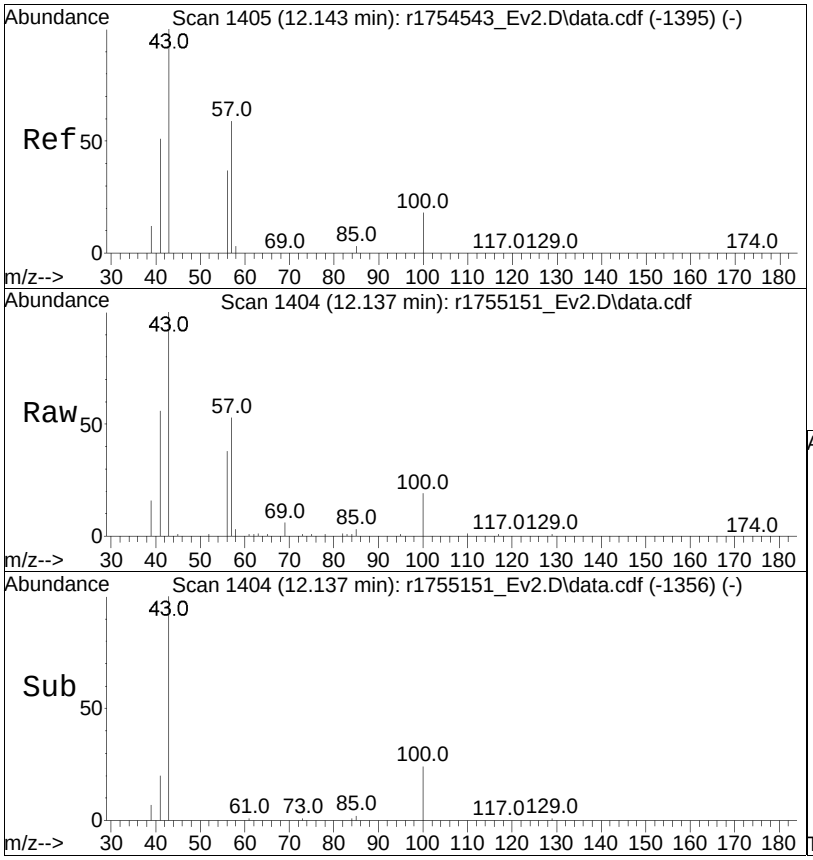


#46
2,2,4-trimethylpentane
Concen: 0.15 ppbV
RT: 11.817 min Scan# 1356
Delta R.T. -0.007 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 57 Resp: 19276

Ion	Ratio	Lower	Upper
57	100		
99	5.2	4.0	6.0
41	27.3	16.2	24.2#

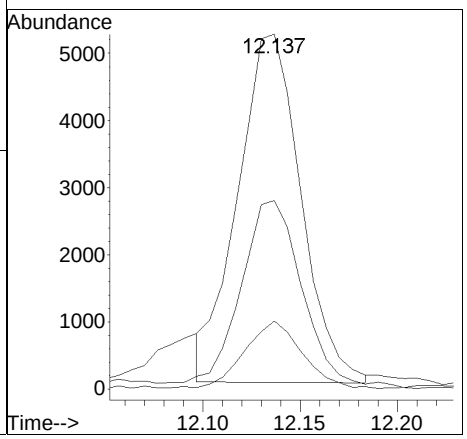


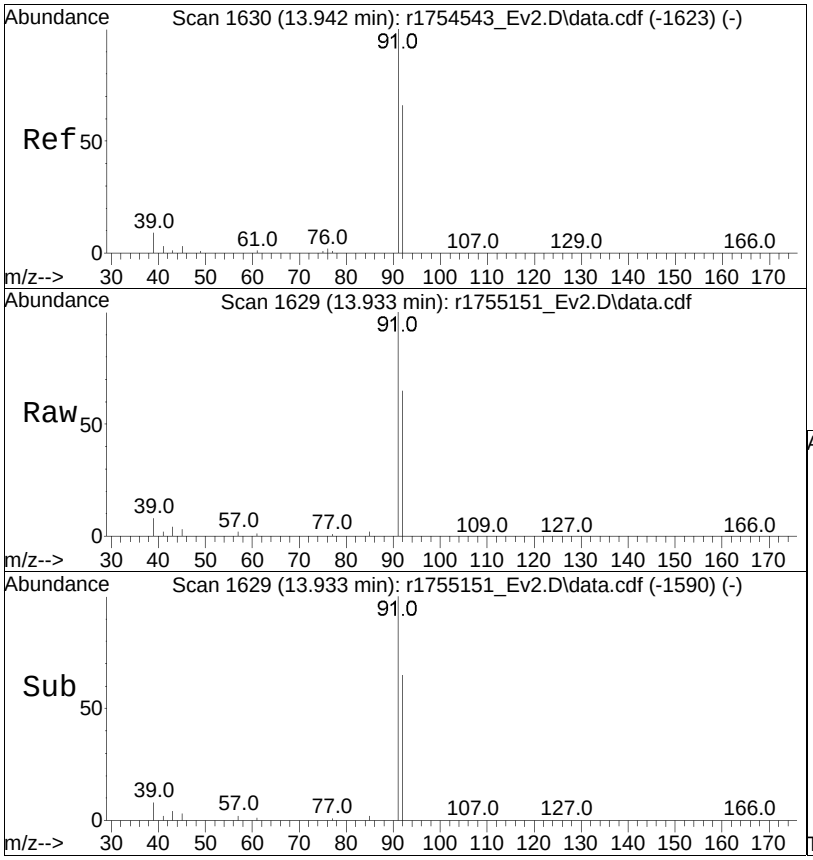


#47
heptane
Concen: 0.28 ppbV m
RT: 12.137 min Scan# 1404
Delta R.T. -0.007 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 43 Resp: 11712

Ion	Ratio	Lower	Upper
43	100		
57	53.2	47.2	70.8
100	19.3	14.9	22.3

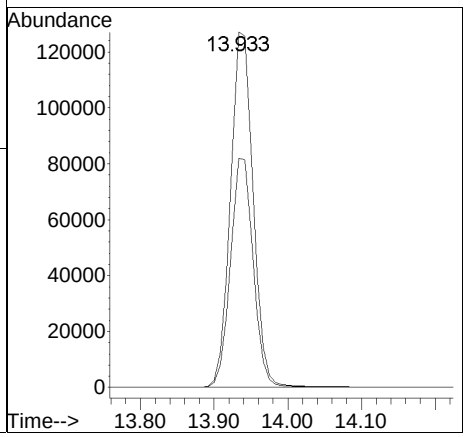


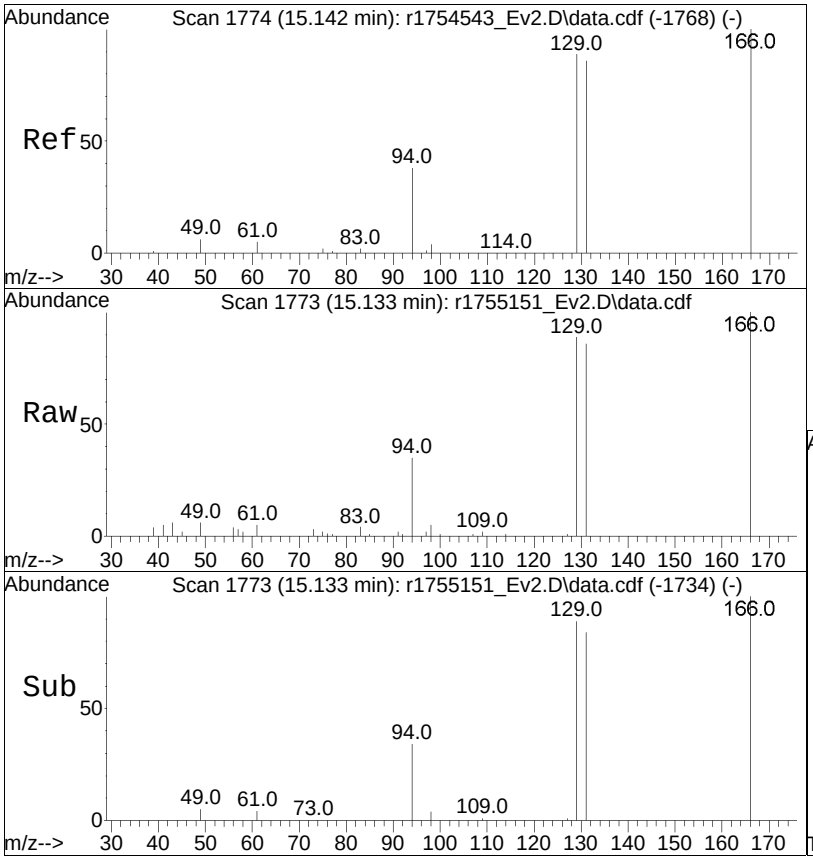


#53
toluene
Concen: 3.11 ppbV
RT: 13.933 min Scan# 1629
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 91 Resp: 272450

Ion	Ratio	Lower	Upper
91	100		
92	64.5	52.6	78.8

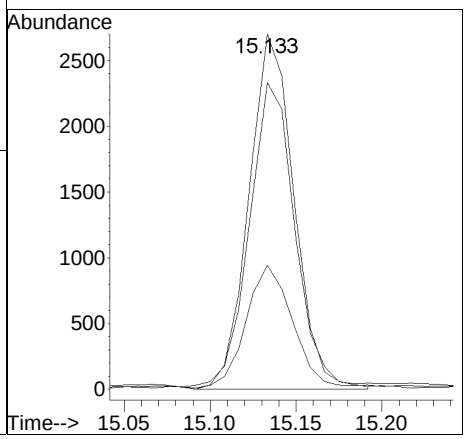


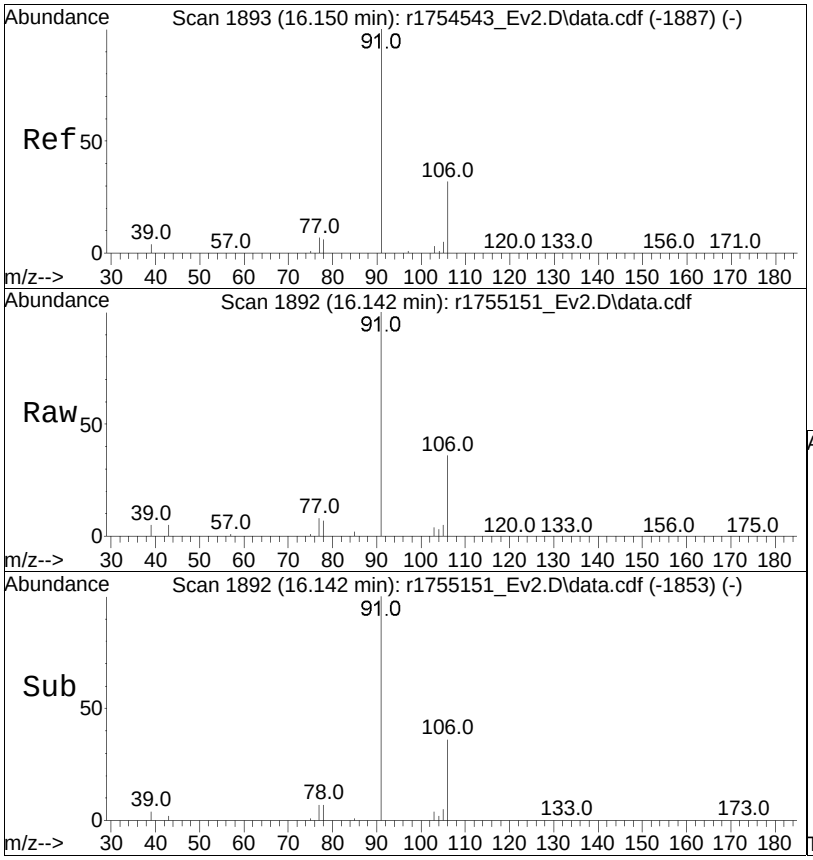


#58
tetrachloroethene
Concen: 0.14 ppbV
RT: 15.133 min Scan# 1773
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:166 Resp: 4917

Ion	Ratio	Lower	Upper
166	100		
131	86.3	69.1	103.7
94	35.0	30.7	46.1

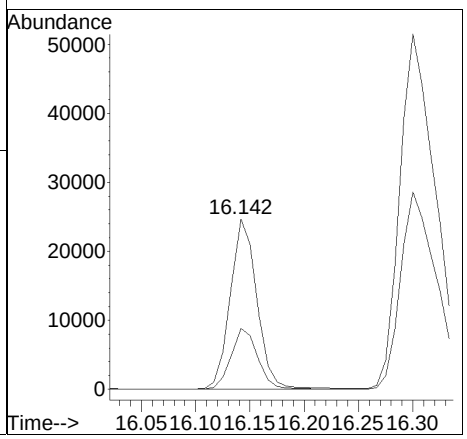


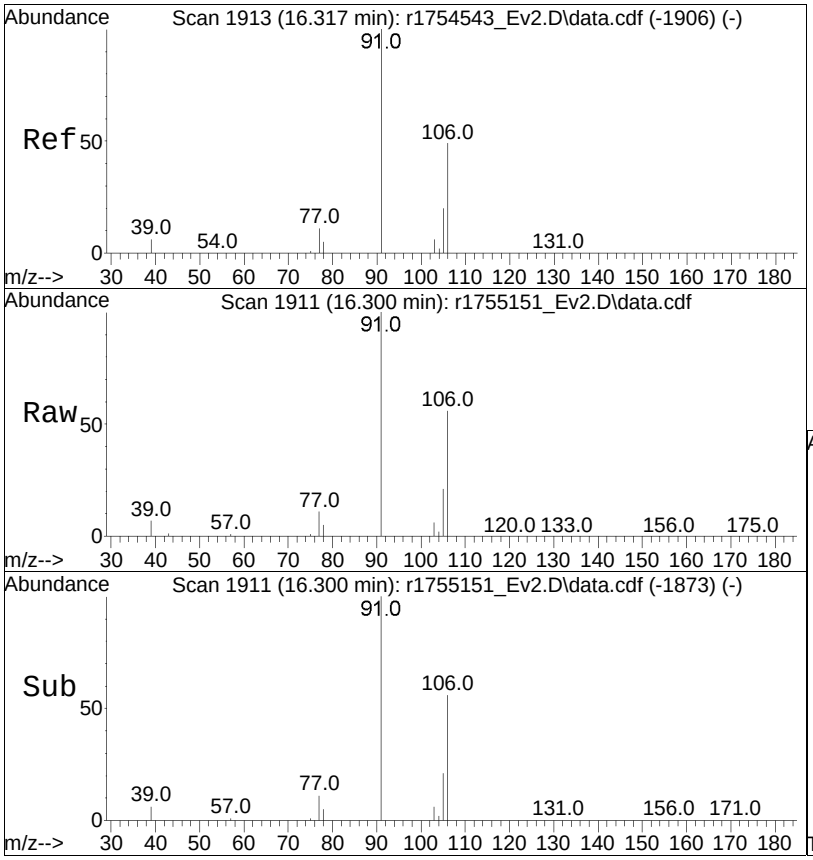


#61
ethylbenzene
Concen: 0.38 ppbV
RT: 16.142 min Scan# 1892
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 91 Resp: 41961

Ion	Ratio	Lower	Upper
91	100		
106	35.9	25.8	38.6

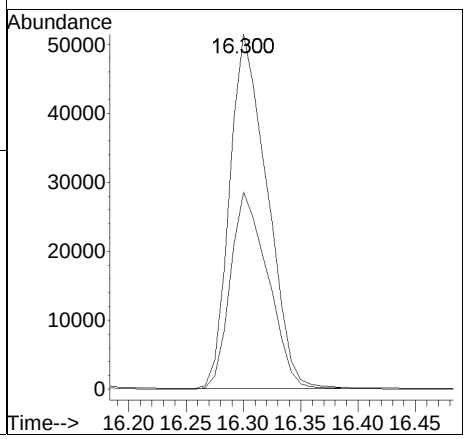


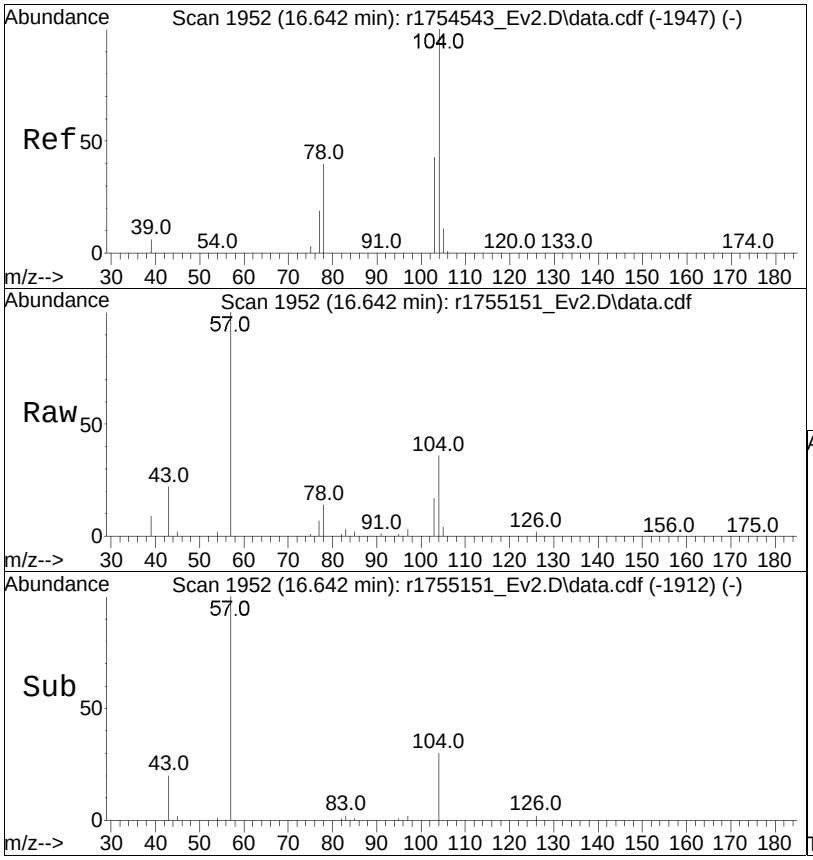


#62
m+p-xylene
Concen: 1.35 ppbV
RT: 16.300 min Scan# 1911
Delta R.T. -0.017 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 91 Resp: 116641

Ion	Ratio	Lower	Upper
91	100		
106	55.6	39.4	59.0

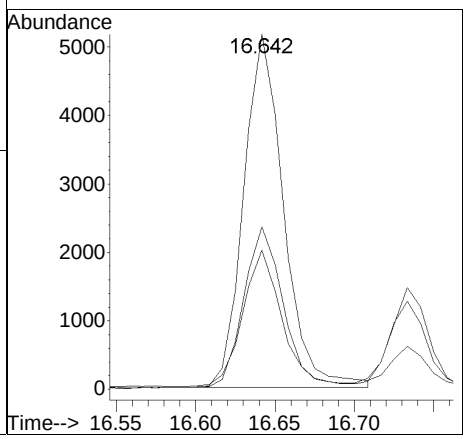


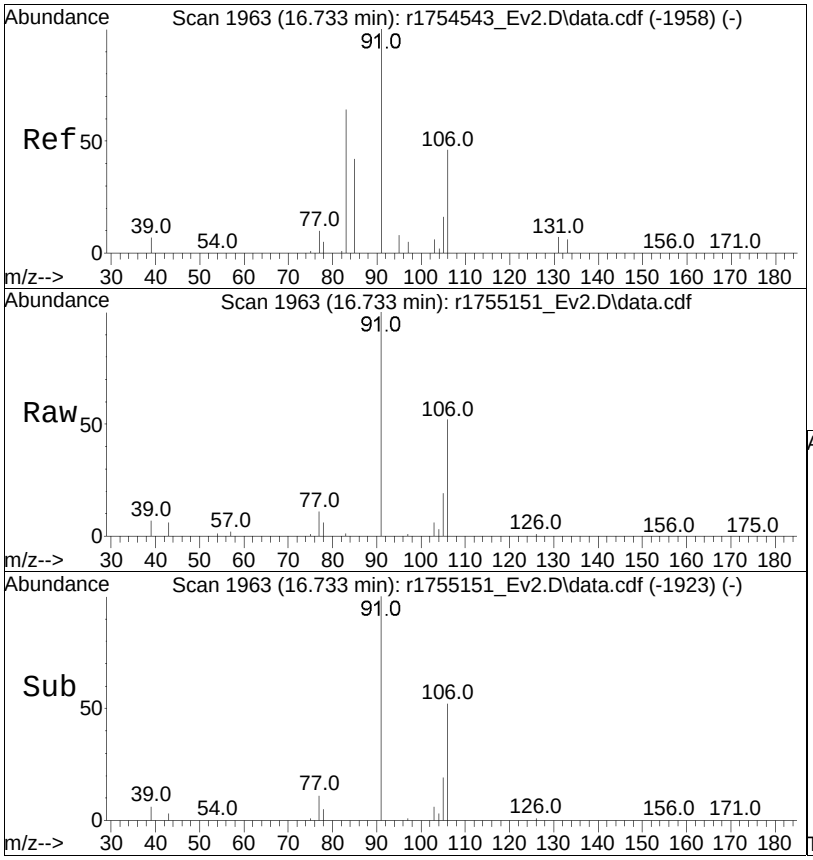


#64
styrene
Concen: 0.15 ppbV
RT: 16.642 min Scan# 1952
Delta R.T. 0.000 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:104 Resp: 9036

Ion	Ratio	Lower	Upper
104	100		
103	45.8	34.8	52.2
78	39.2	31.8	47.8

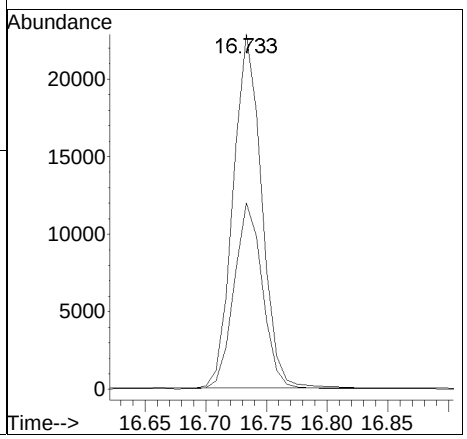


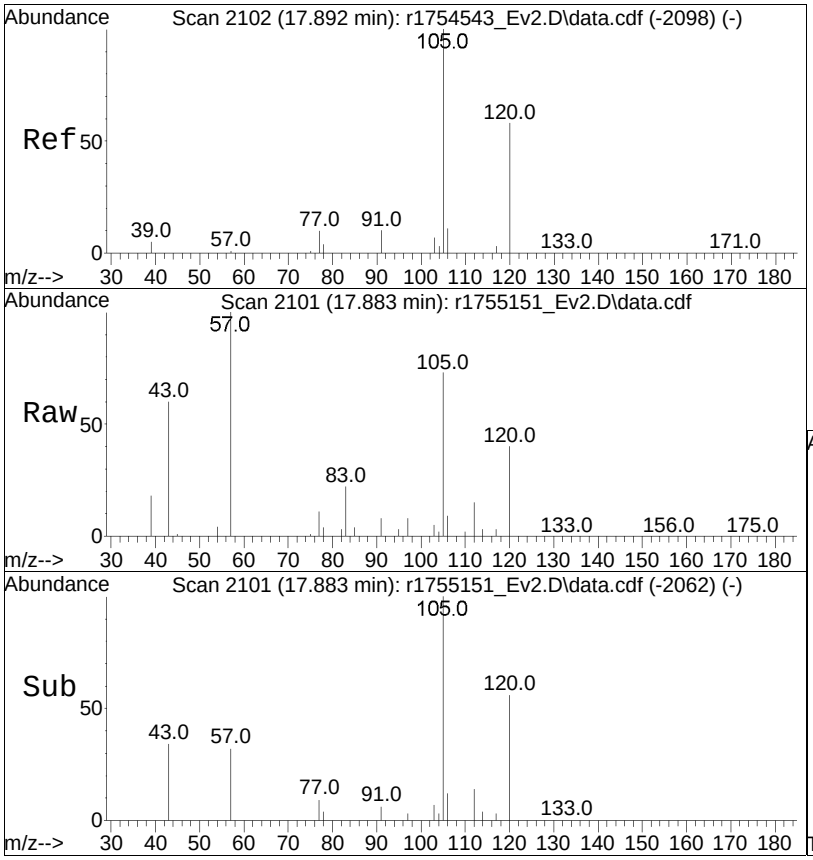


#66
o-xylene
Concen: 0.42 ppbV
RT: 16.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion: 91 Resp: 37243

Ion	Ratio	Lower	Upper
91	100		
106	52.5	37.0	55.4

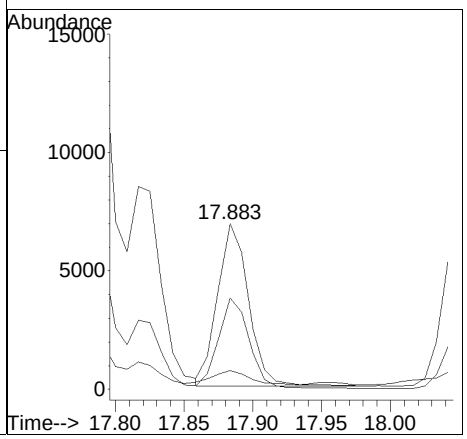


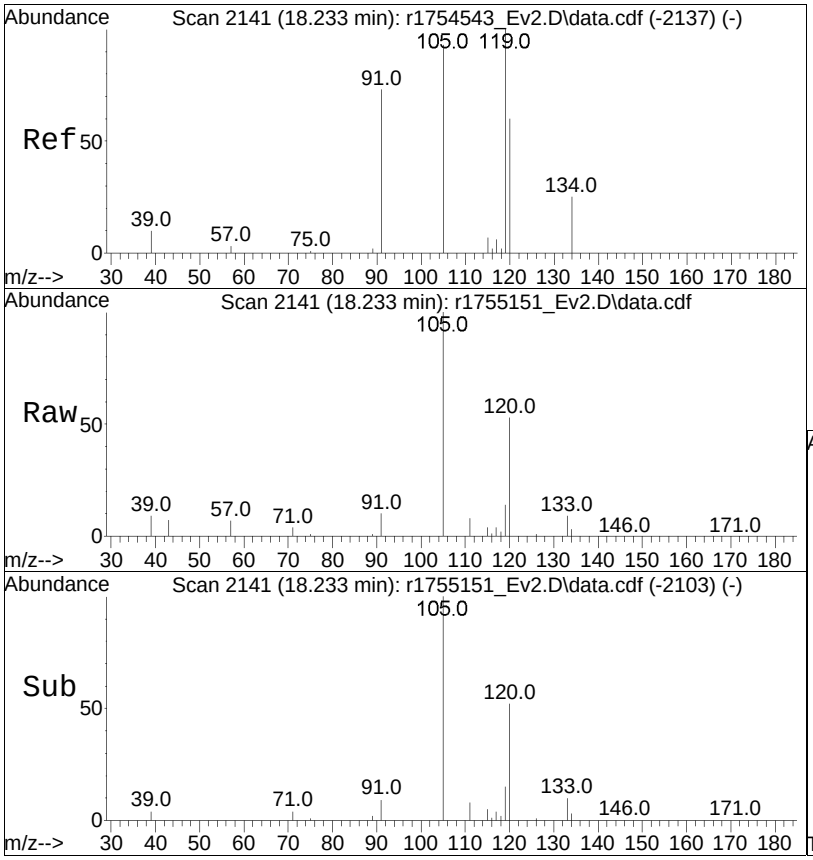


#72
1,3,5-trimethylbenzene
Concen: 0.12 ppbV
RT: 17.883 min Scan# 2101
Delta R.T. -0.008 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:105 Resp: 10736

Ion	Ratio	Lower	Upper
105	100		
120	55.2	46.2	69.4
91	11.4	8.0	12.0

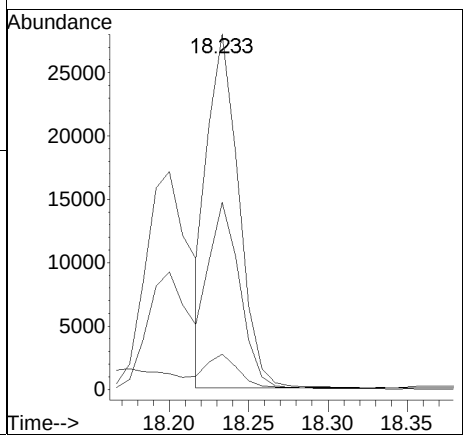


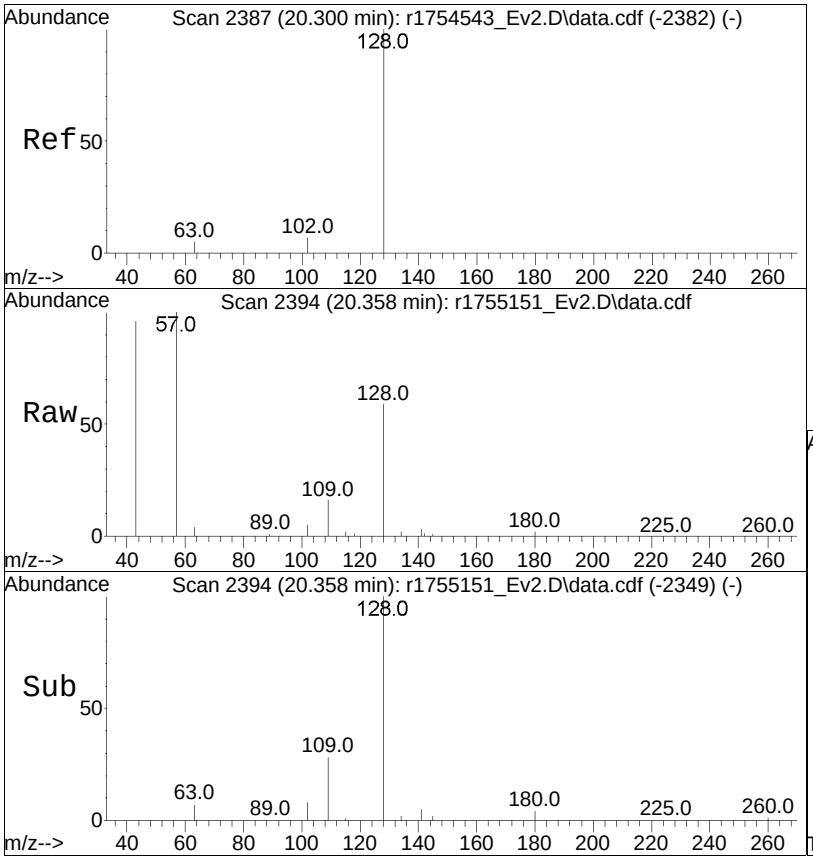


#74
1,2,4-trimethylbenzene
Concen: 0.43 ppbV
RT: 18.233 min Scan# 2141
Delta R.T. 0.000 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:105 Resp: 38171

Ion	Ratio	Lower	Upper
105	100		
120	52.6	51.8	77.8
91	9.9	63.4	95.2#

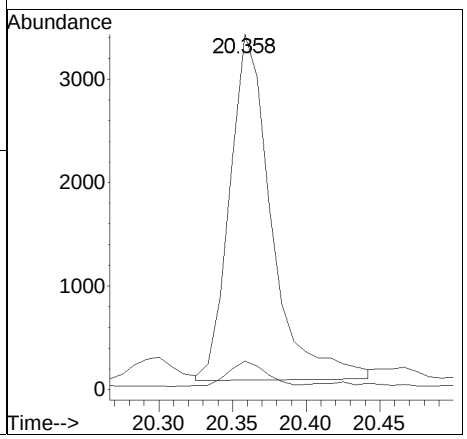




#85
naphthalene
Concen: 0.07 ppbV
RT: 20.358 min Scan# 2394
Delta R.T. 0.058 min
Lab File: r1755151_Ev2.D
Acq: 28 Mar 2026 12:03 PM

Tgt Ion:128 Resp: 6603

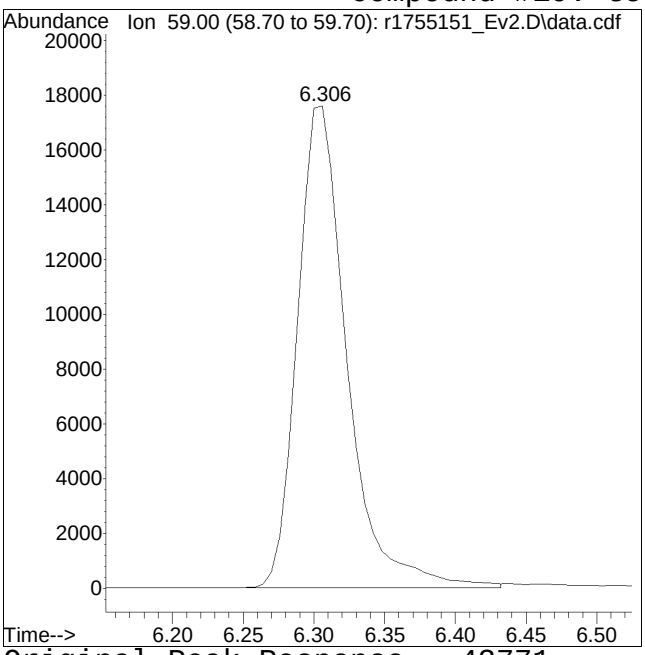
Ion	Ratio	Lower	Upper
128	100		
102	8.0	5.7	8.5

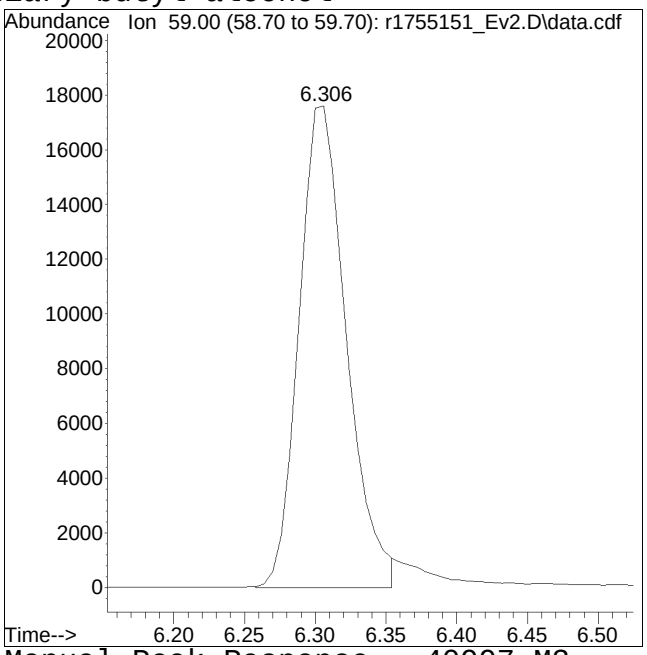


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755151_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/28/2026 12:03 PM Instrument :
Sample : L2612589-09,3,250,250 Quant Date : 3/28/2026 12:40 pm

Compound #19: tertiary butyl alcohol





Original Peak Response = 42771 Manual Peak Response = 40997 M3

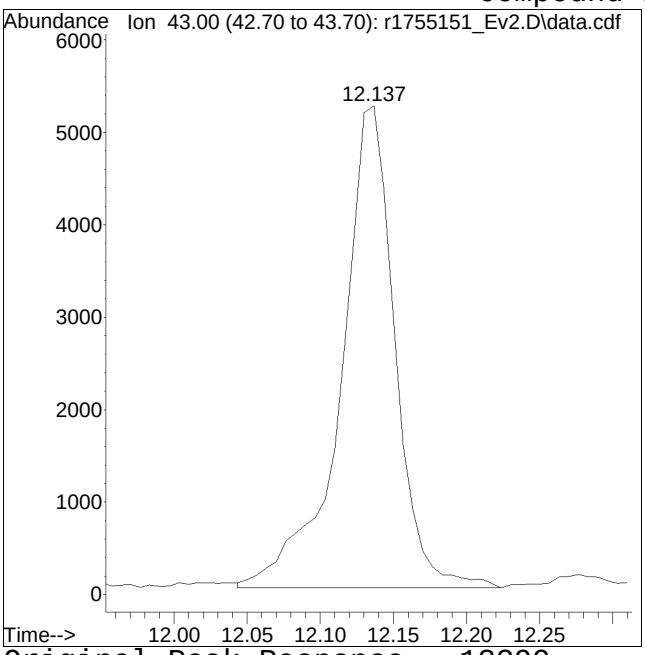
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

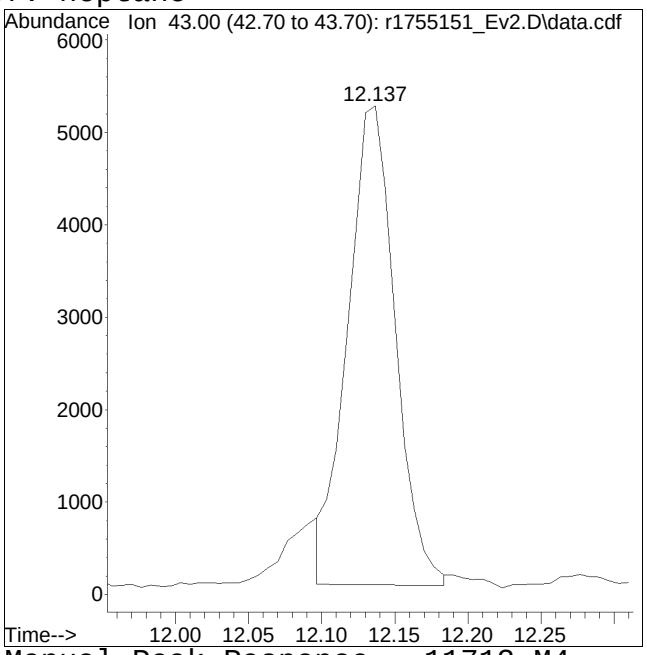
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1755151_Ev2.D
Date Inj'd : 3/28/2026 12:03 PM
Sample : L2612589-09,3,250,250

Method : TSIM17_260305.M
Operator : AIRLAB17:SL
Instrument :
Quant Date : 3/28/2026 12:40 pm

Compound #47: heptane



Original Peak Response = 13399



Manual Peak Response = 11712 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269477.D
Acq On : 28 Mar 2026 11:18 pm
Operator : AIRLAB26:SL
Sample : L2612589-11,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 29 09:28:32 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	248938	10.000	ppbV	# 0.00
Standard Area = 234099			Recovery = 106.34%			
33) 1,4-difluorobenzene	4.324	114	705875	10.000	ppbV	# 0.00
Standard Area = 740785			Recovery = 95.29%			
51) chlorobenzene-D5	6.439	54	102639	10.000	ppbV	# 0.00
Standard Area = 104350			Recovery = 98.36%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) dichlorodifluoromethane	1.960	85	28194	0.548	ppbV	99
4) chloromethane	2.004	50	5481M2	0.307	ppbV	
5) Freon-114	2.037	85	871M4	0.015	ppbV	
6) vinyl chloride	0.000		0	N.D.	d	
8) bromomethane	0.000		0	N.D.	d	
9) chloroethane	2.235	64	134M4	0.011	ppbV	
10) ethanol	2.273	31	54654	6.299	ppbV	98
14) trichlorofluoromethane	2.460	101	9836	0.203	ppbV	98
17) 1,1-dichloroethene	2.624		0	N.D.		
18) tertiary butyl alcohol	0.000		0	N.D.	d	
19) methylene chloride	2.672	49	2187	0.112	ppbV	97
22) Freon 113	2.763	101	2903M4	0.066	ppbV	
23) trans-1,2-dichloroethene	2.980	61	277	0.010	ppbV #	90
24) 1,1-dichloroethane	0.000		0	N.D.	d	
25) MTBE	0.000		0	N.D.	d	
27) 2-butanone	3.219	43	6351	0.156	ppbV #	86
28) cis-1,2-dichloroethene	3.508		0	N.D.		
30) chloroform	3.501	83	915	0.020	ppbV #	100
32) 1,2-dichloroethane	3.809	62	476	0.018	ppbV #	93
34) hexane	3.478	57	6781	0.246	ppbV #	100
36) 1,1,1-trichloroethane	3.931	97	800	0.021	ppbV #	1
37) benzene	4.135	78	3600	0.058	ppbV #	100
38) carbon tetrachloride	4.201	117	2561	0.072	ppbV #	1
39) cyclohexane	0.000		0	N.D.	d	
41) 1,2-dichloropropane	4.522	63	463M4	0.021	ppbV	
42) bromodichloromethane	4.616		0	N.D.		
43) 1,4-dioxane	0.000		0	N.D.	d	
44) trichloroethene	4.644		0	N.D.		

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269477.D
Acq On : 28 Mar 2026 11:18 pm
Operator : AIRLAB26:SL
Sample : L2612589-11,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 29 09:28:32 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

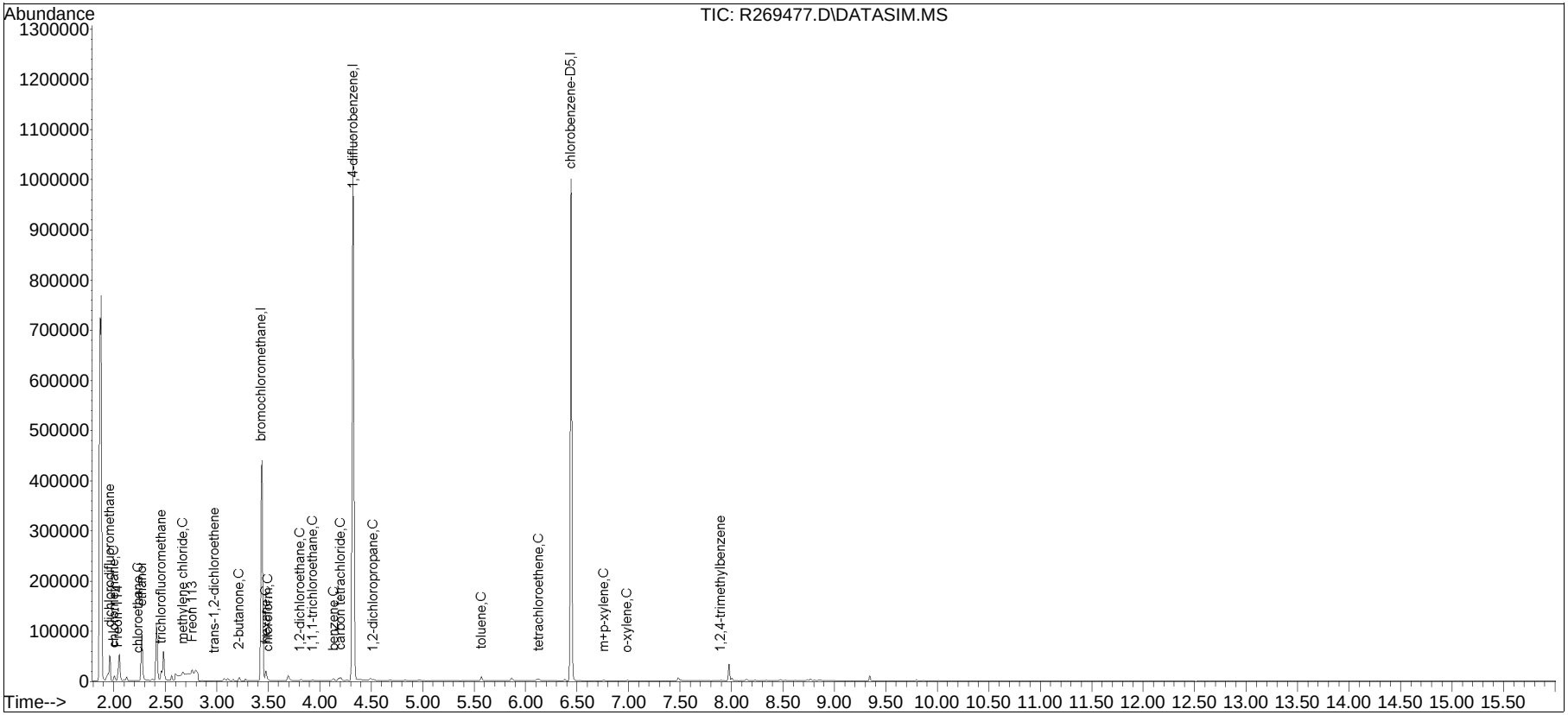
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2,2,4-trimethylpentane	4.691		0	N.D.		
46) heptane	0.000		0	N.D.	d	
47) cis-1,3-dichloropropene	5.052		0	N.D.		
48) 4-methyl-2-pentanone	0.000		0	N.D.	d	
49) trans-1,3-dichloropropene	0.000		0	N.D.		
50) 1,1,2-trichloroethane	0.000		0	N.D.		
52) toluene	5.571	91	5120	0.065	ppbV	97
55) dibromochloromethane	0.000		0	N.D.		
56) 1,2-dibromoethane	0.000		0	N.D.		
57) tetrachloroethene	6.130	166	791	0.022	ppbV	93
59) chlorobenzene	6.461		0	N.D.		
60) ethylbenzene	6.668		0	N.D.		
61) m+p-xylene	6.761	91	2091	0.026	ppbV	100
62) bromoform	0.000		0	N.D.		
63) styrene	6.946		0	N.D.		
64) 1,1,2,2-tetrachloroethane	6.980		0	N.D.		
65) o-xylene	6.986	91	1102M4	0.014	ppbV	
71) 1,3,5-trimethylbenzene	7.688		0	N.D.		
73) 1,2,4-trimethylbenzene	7.896	105	1075M4	0.012	ppbV	
74) Benzyl Chloride	7.976		0	N.D.		
75) 1,3-dichlorobenzene	7.976		0	N.D.		
76) 1,4-dichlorobenzene	7.976		0	N.D.		
79) 1,2-dichlorobenzene	8.191		0	N.D.		
82) 1,2,4-trichlorobenzene	9.195		0	N.D.		
83) naphthalene	9.253		0	N.D.		
85) hexachlorobutadiene	0.000		0	N.D.		

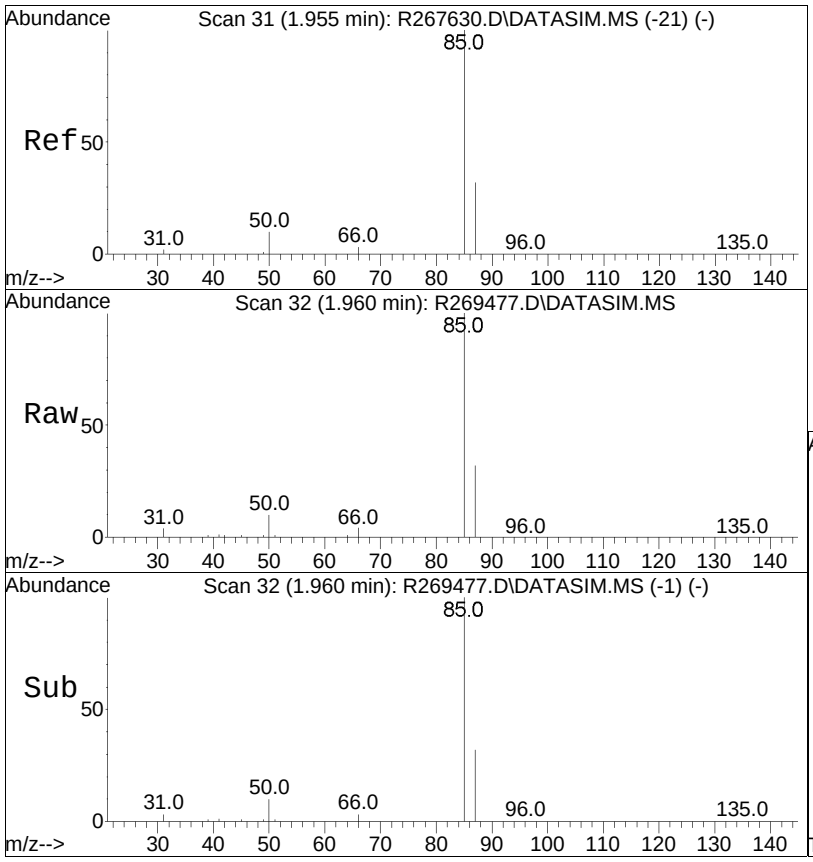
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab26\2026\03\0328SIM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269477.D
Acq On : 28 Mar 2026 11:18 pm
Operator : AIRLAB26:SL
Sample : L2612589-11,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 29 09:28:32 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

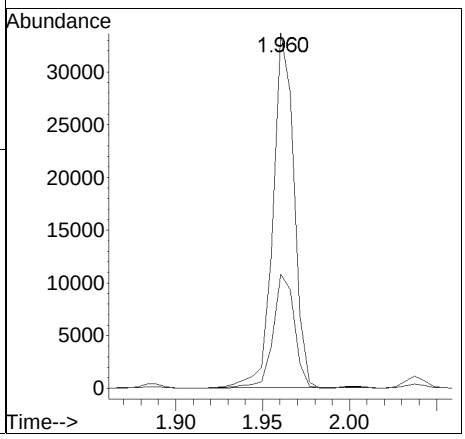


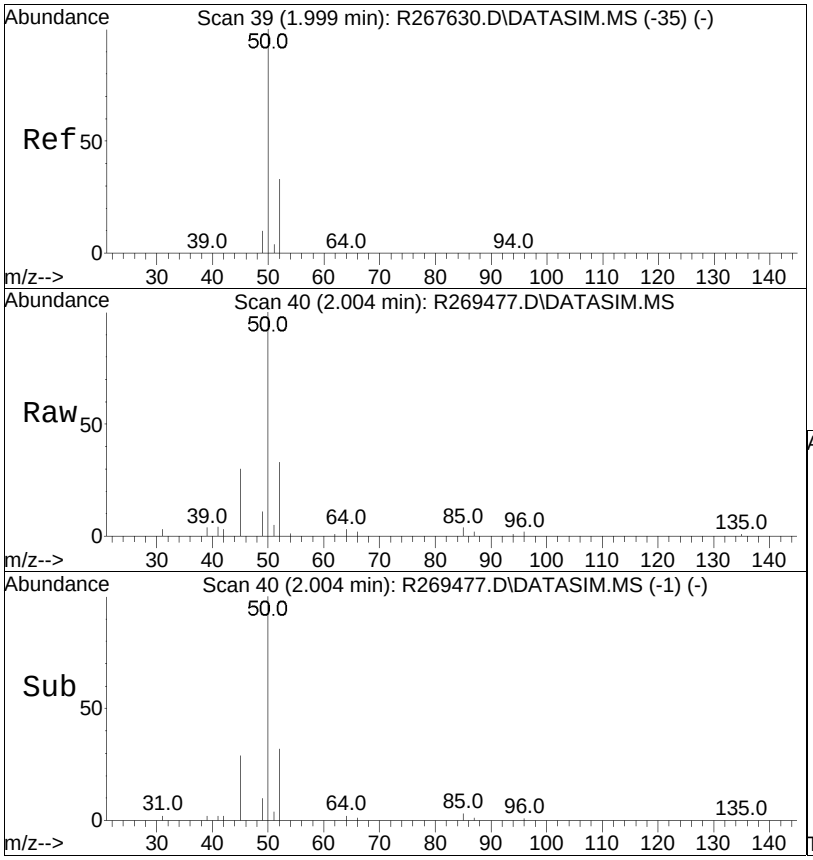


#3
dichlorodifluoromethane
Concen: 0.55 ppbV
RT: 1.960 min Scan# 32
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 85 Resp: 28194

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.4

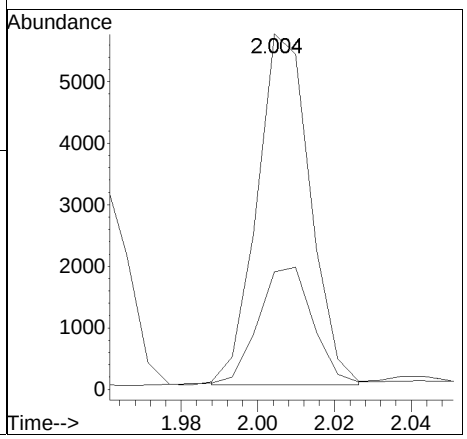


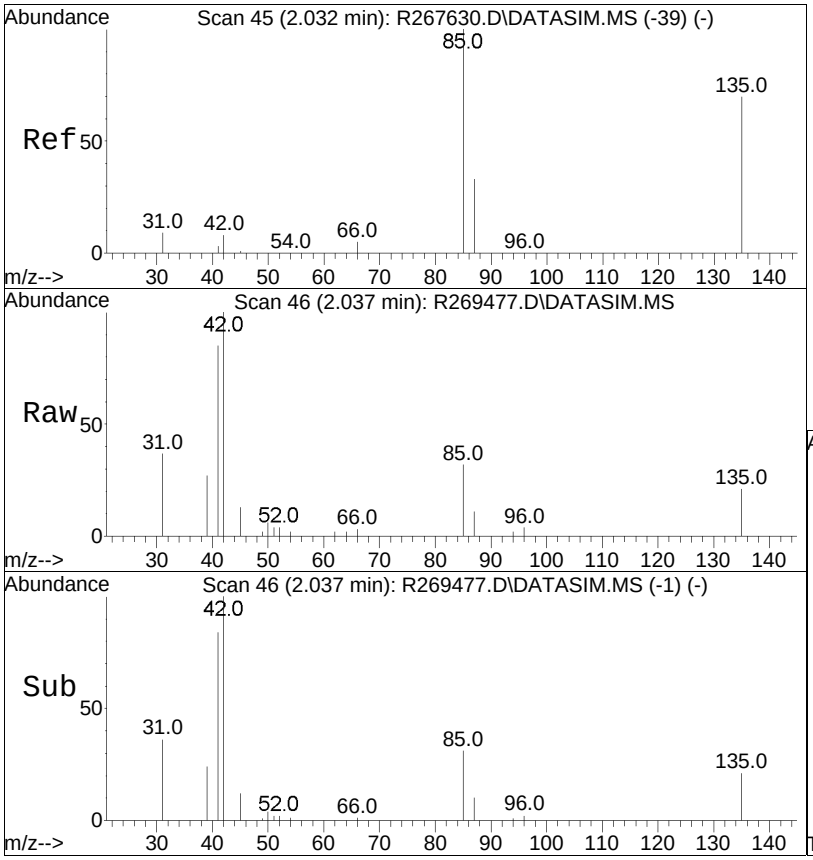


#4
chloromethane
Concen: 0.31 ppbV m
RT: 2.004 min Scan# 40
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 50 Resp: 5481

Ion	Ratio	Lower	Upper
50	100		
52	2.1	22.2	33.4#

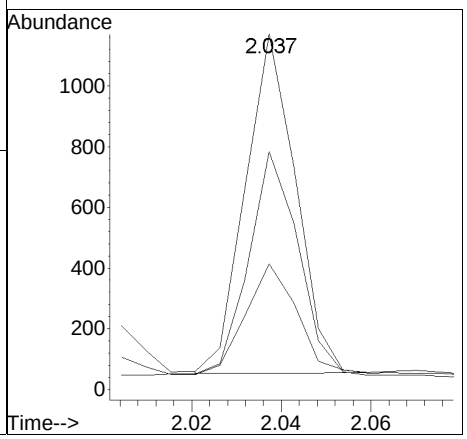


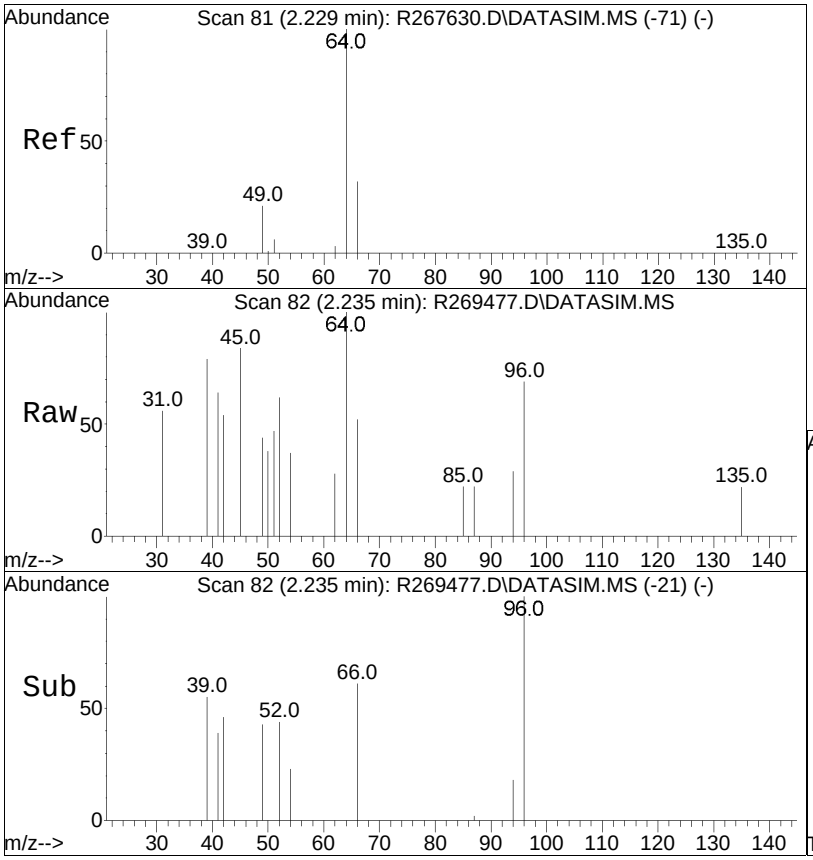


#5
Freon-114
Concen: 0.02 ppbV m
RT: 2.037 min Scan# 46
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 85 Resp: 871

Ion	Ratio	Lower	Upper
85	100		
87	28.6	26.2	39.2
135	68.5	55.9	83.9

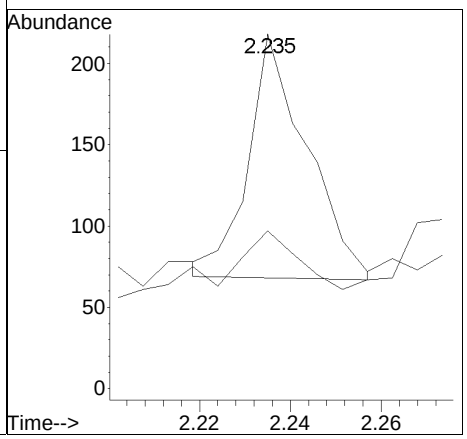


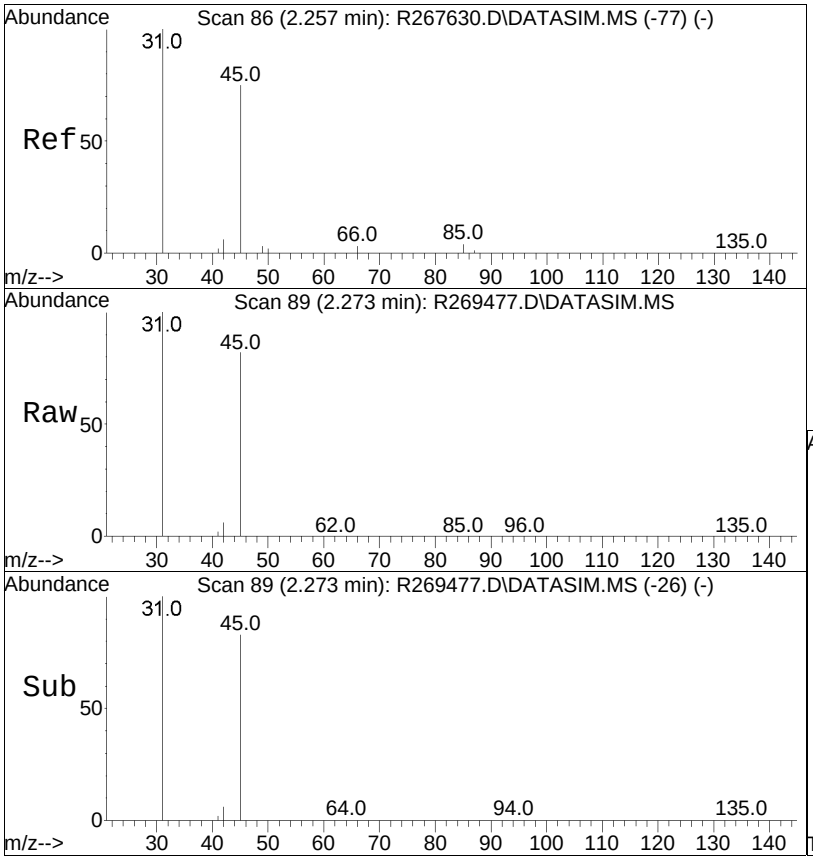


#9
chloroethane
Concen: 0.01 ppbV m
RT: 2.235 min Scan# 82
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 64 Resp: 134

Ion	Ratio	Lower	Upper
64	100		
49	38.1	24.9	37.3#

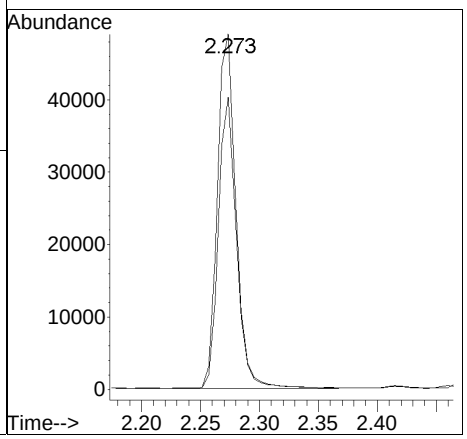


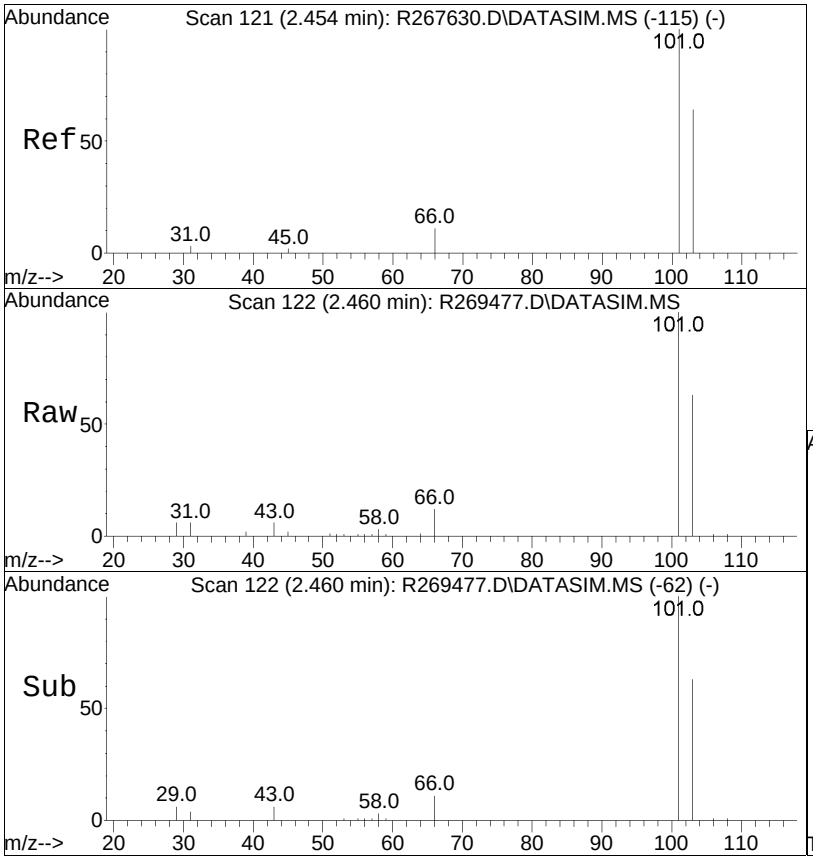


#10
ethanol
Concen: 6.30 ppbV
RT: 2.273 min Scan# 89
Delta R.T. 0.017 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 31 Resp: 54654

Ion	Ratio	Lower	Upper
31	100		
45	80.2	63.0	94.4

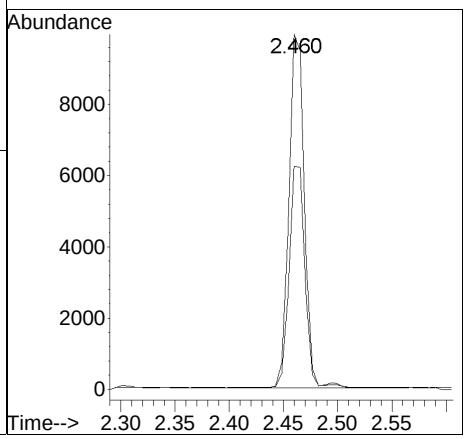


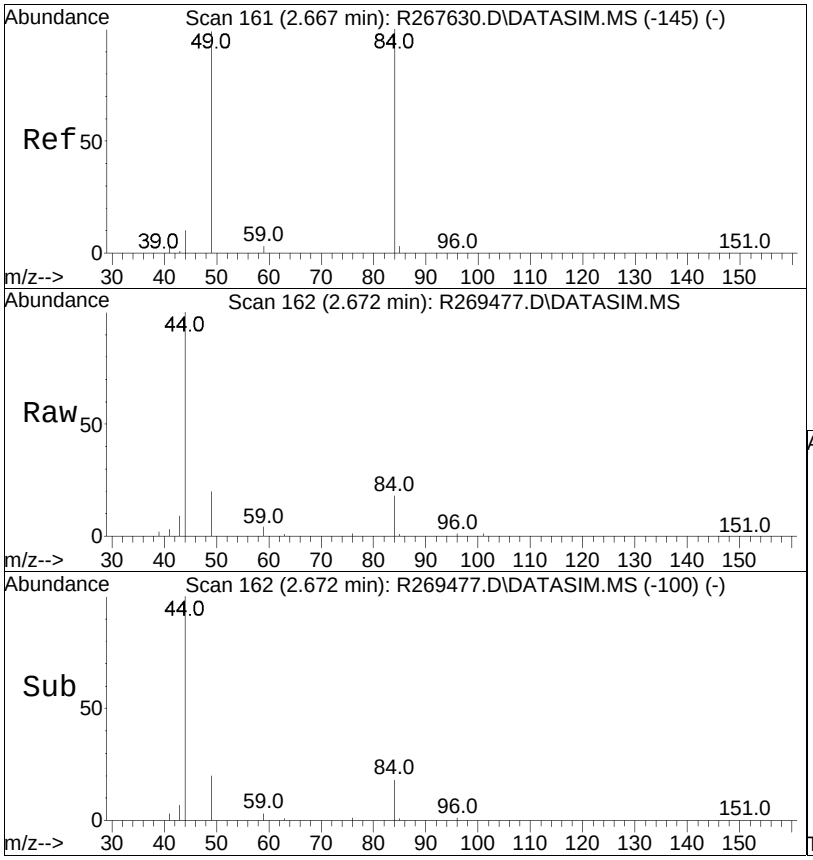


#14
trichlorofluoromethane
Concen: 0.20 ppbV
RT: 2.460 min Scan# 122
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion:101 Resp: 9836

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.9	77.9

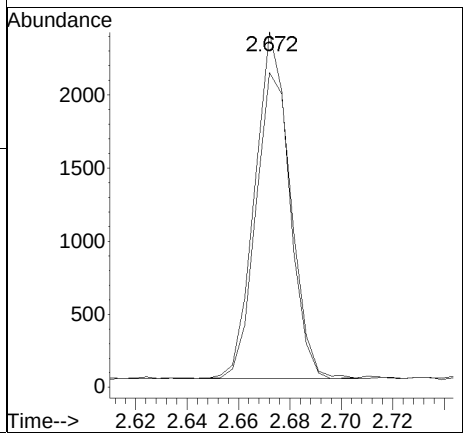


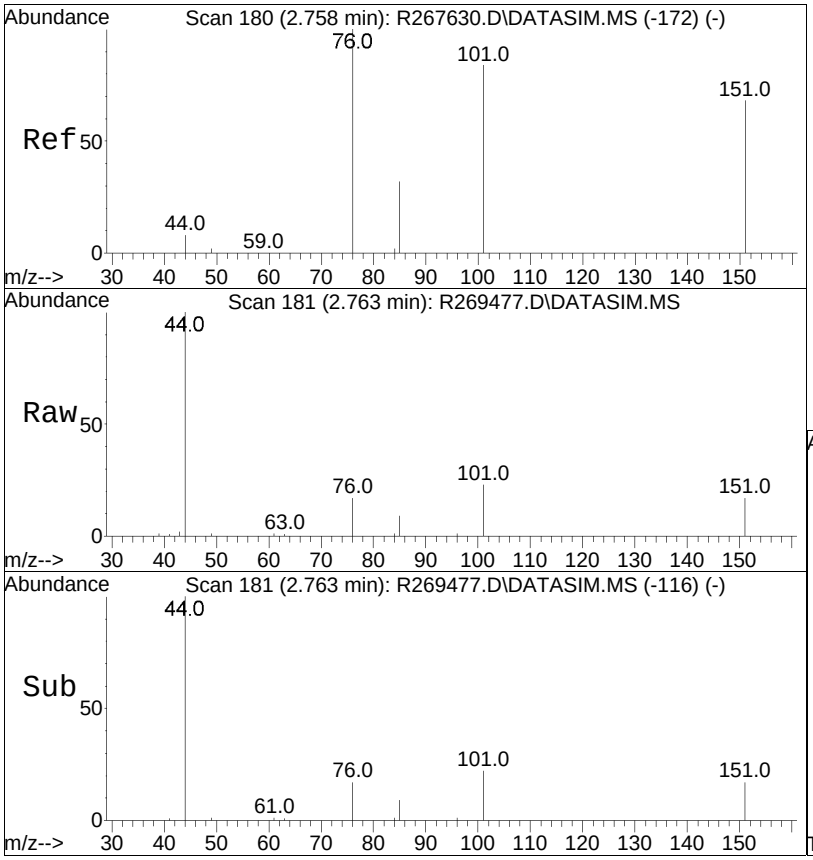


#19
methylene chloride
Concen: 0.11 ppbV
RT: 2.672 min Scan# 162
Delta R.T. 0.005 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 49 Resp: 2187

Ion	Ratio	Lower	Upper
49	100		
84	93.1	77.0	115.4

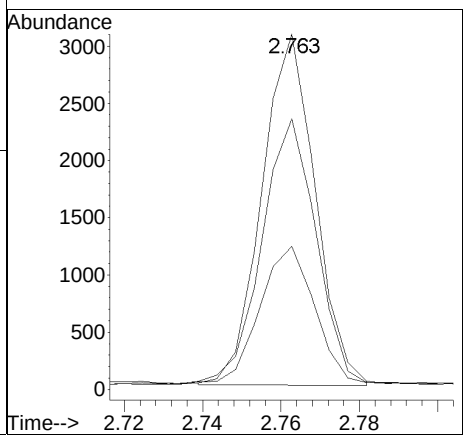


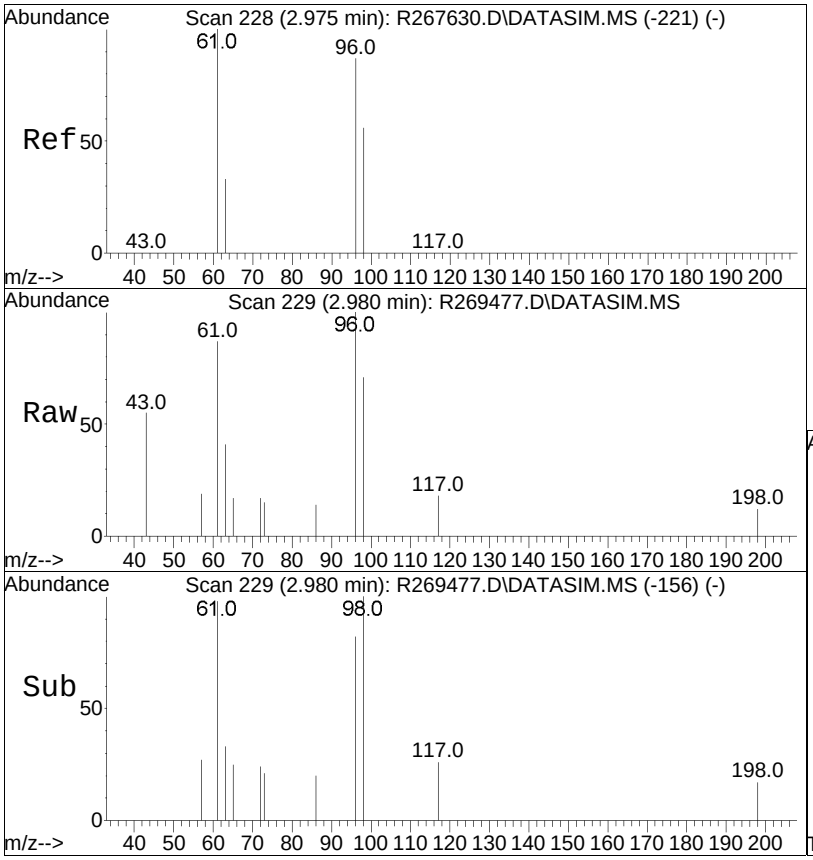


#22
Freon 113
Concen: 0.07 ppbV m
RT: 2.763 min Scan# 181
Delta R.T. 0.005 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion:101 Resp: 2903

Ion	Ratio	Lower	Upper
101	100		
85	44.6	31.4	47.0
151	81.4	64.1	96.1

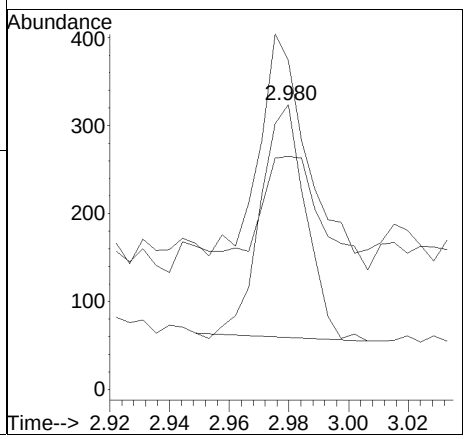


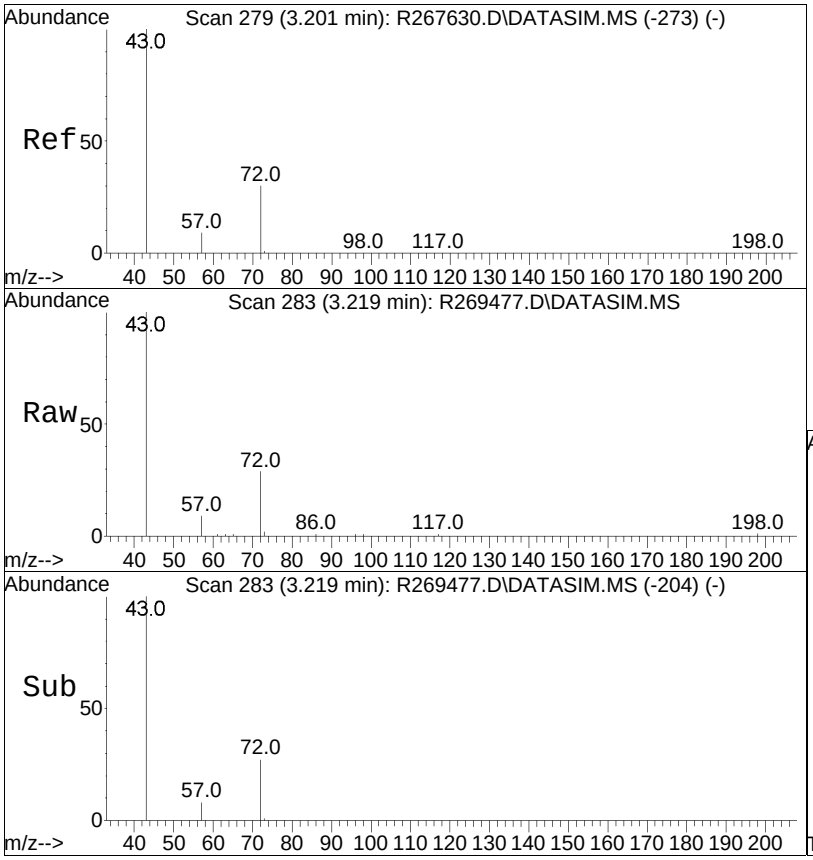


#23
trans-1,2-dichloroethene
Concen: 0.01 ppbV
RT: 2.980 min Scan# 229
Delta R.T. 0.005 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 61 Resp: 277

Ion	Ratio	Lower	Upper
61	100		
96	87.0	67.0	100.6
98	67.1	42.9	64.3#

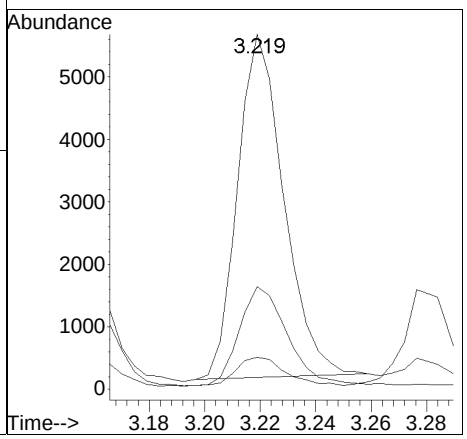


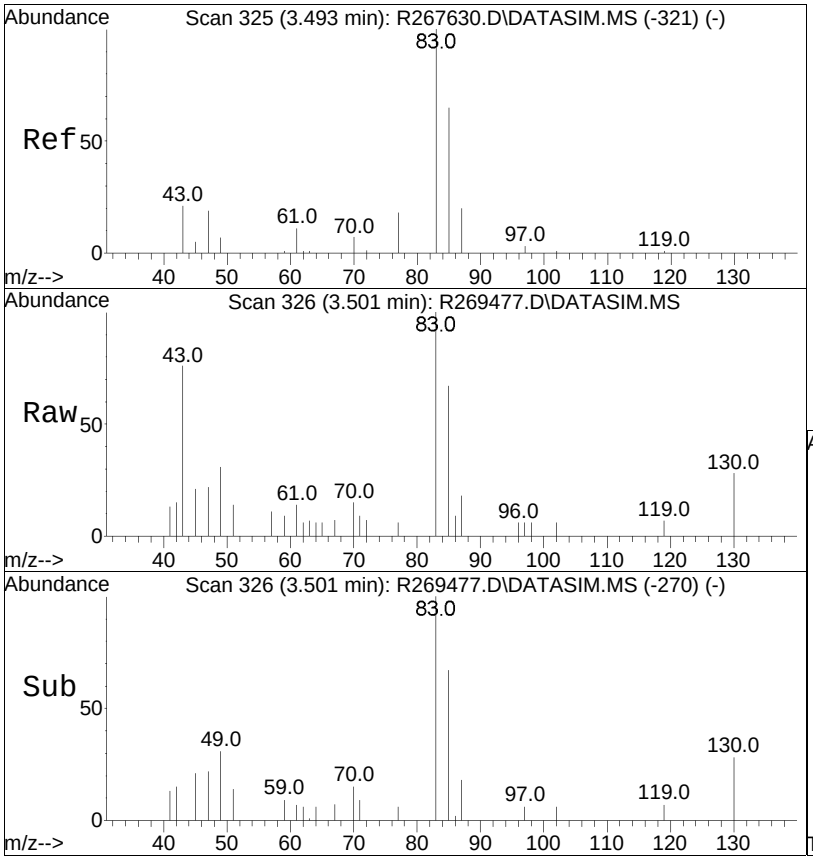


#27
2-butanone
Concen: 0.16 ppbV
RT: 3.219 min Scan# 283
Delta R.T. 0.018 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 43 Resp: 6351

Ion	Ratio	Lower	Upper
43	100		
72	37.8	23.2	34.8#
57	8.6	5.8	8.8

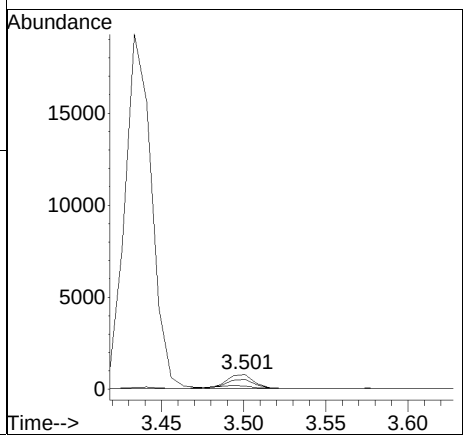


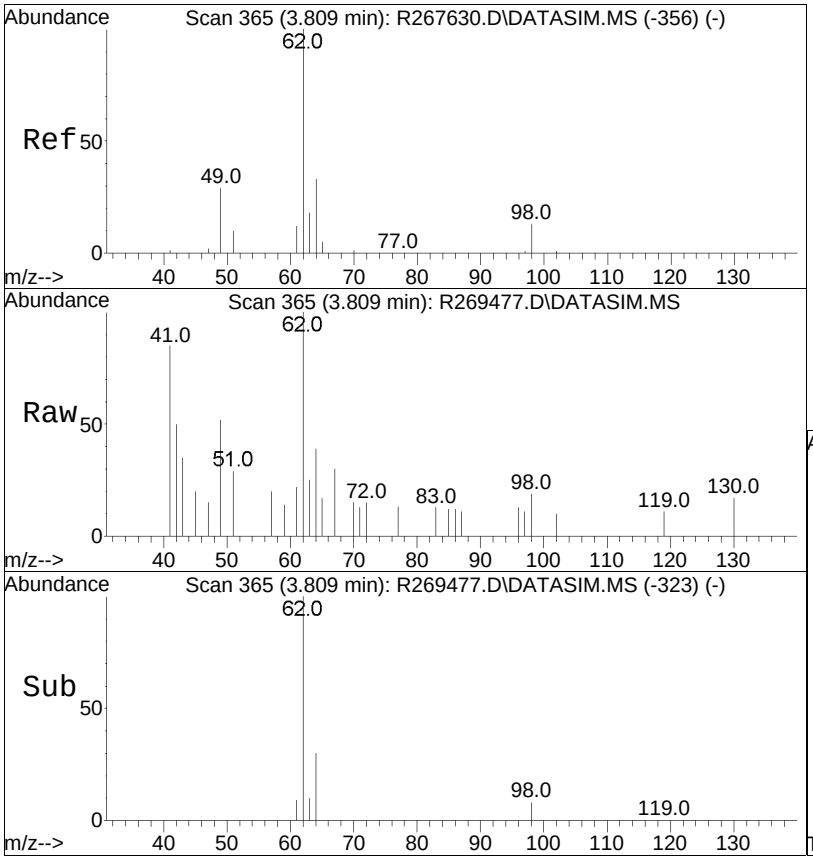


#30
chloroform
Concen: 0.02 ppbV
RT: 3.501 min Scan# 326
Delta R.T. 0.008 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 83 Resp: 915

Ion	Ratio	Lower	Upper
83	100		
85	73.0	0.0	0.0#
47	0.0	0.0	0.0

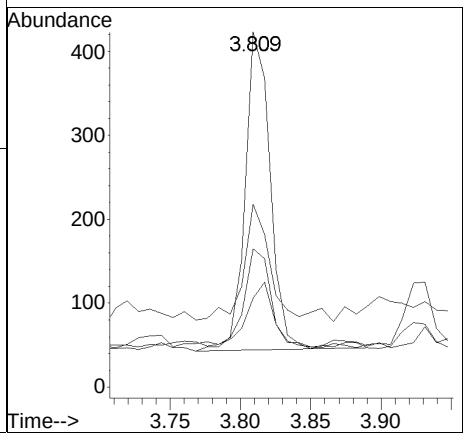


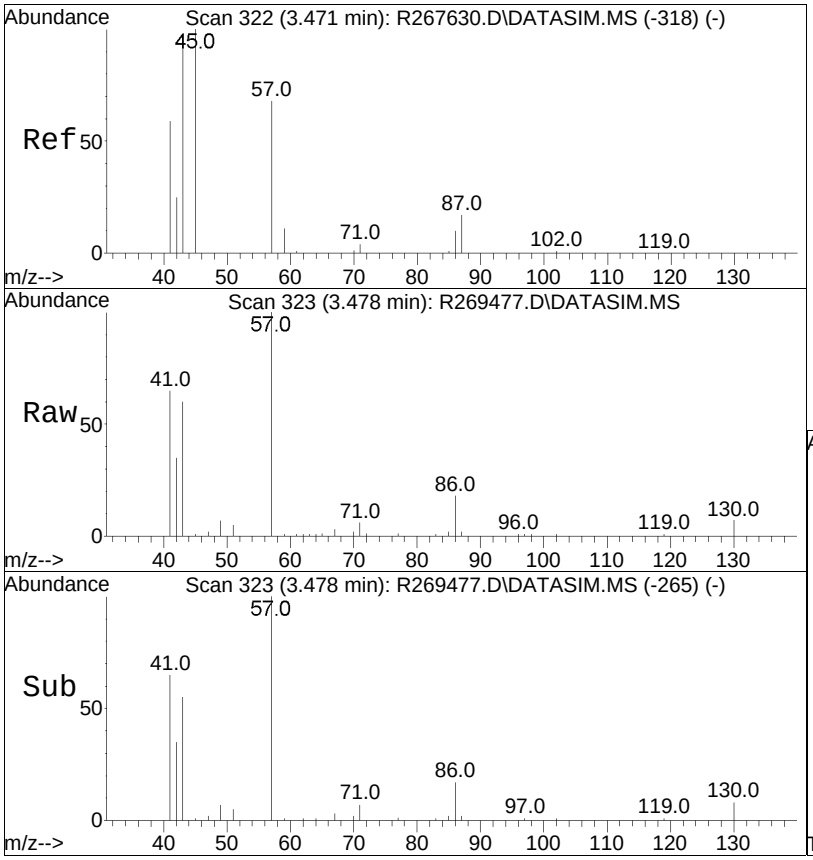


#32
1,2-dichloroethane
Concen: 0.02 ppbV
RT: 3.809 min Scan# 365
Delta R.T. 0.000 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 62 Resp: 476

Ion	Ratio	Lower	Upper
62	100		
64	30.7	27.4	41.0
49	33.2	27.7	41.5
63	24.2	13.0	19.4#

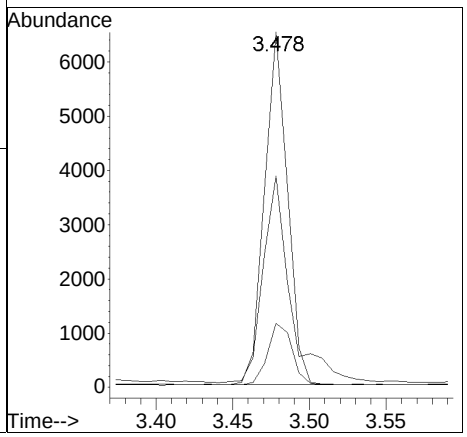


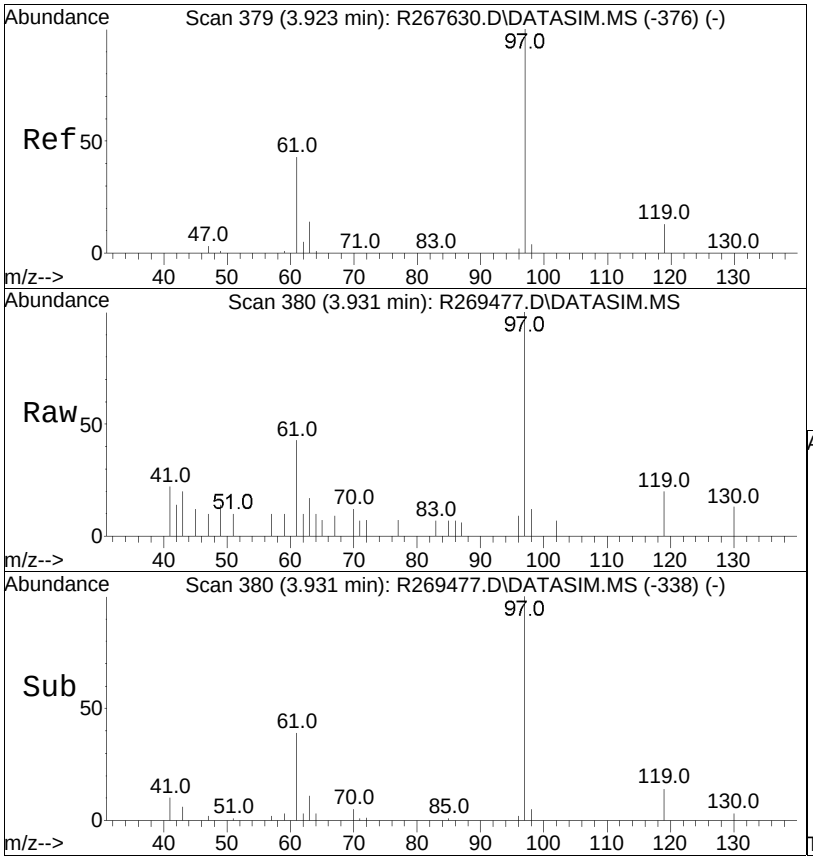


#34
hexane
Concen: 0.25 ppbV
RT: 3.478 min Scan# 323
Delta R.T. 0.008 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 57 Resp: 6781

Ion	Ratio	Lower	Upper
57	100		
43	68.7	0.0	0.0#
86	18.8	0.0	0.0#

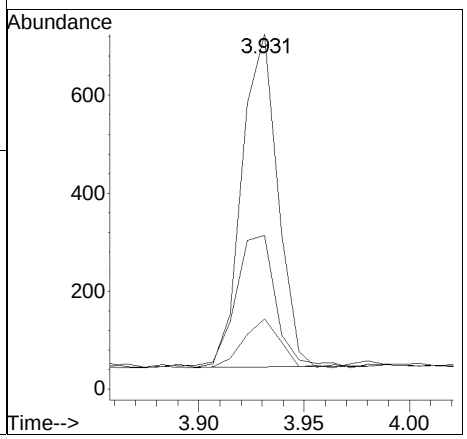


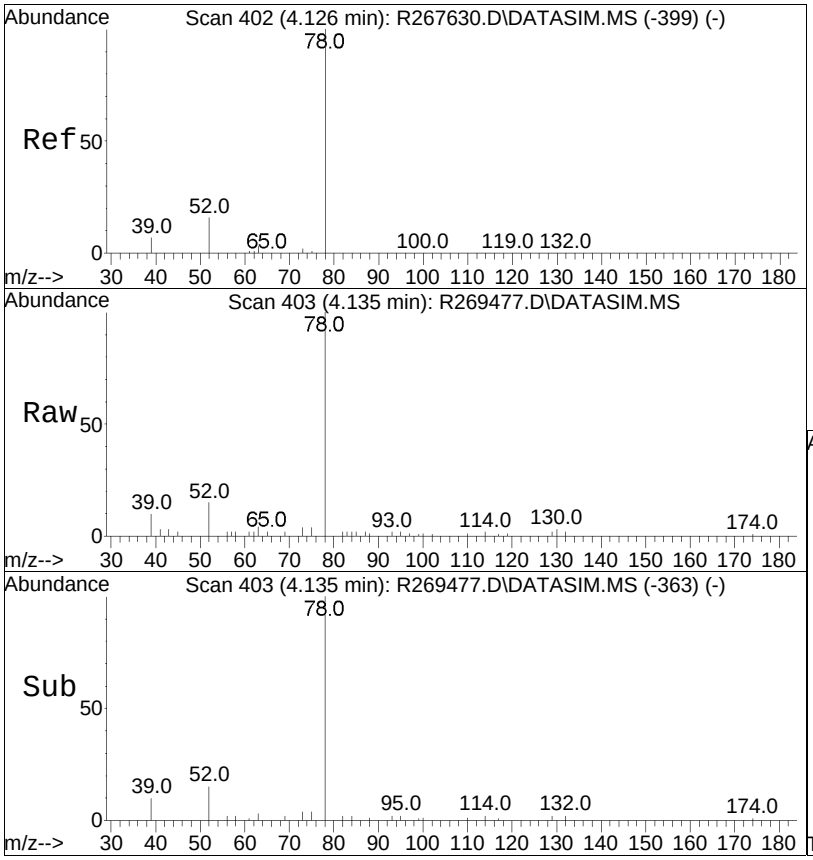


#36
1,1,1-trichloroethane
Concen: 0.02 ppbV
RT: 3.931 min Scan# 380
Delta R.T. 0.008 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 97 Resp: 800

Ion	Ratio	Lower	Upper
97	100		
61	48.1	7.1	10.7#
119	15.4	0.0	0.0#

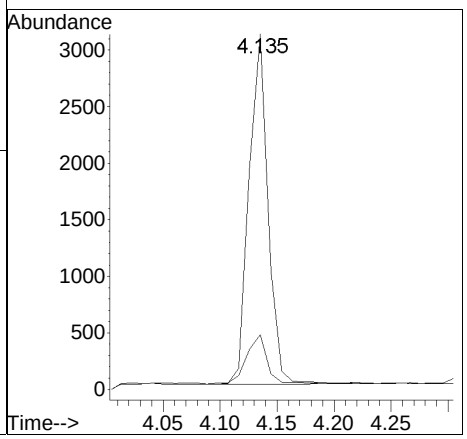


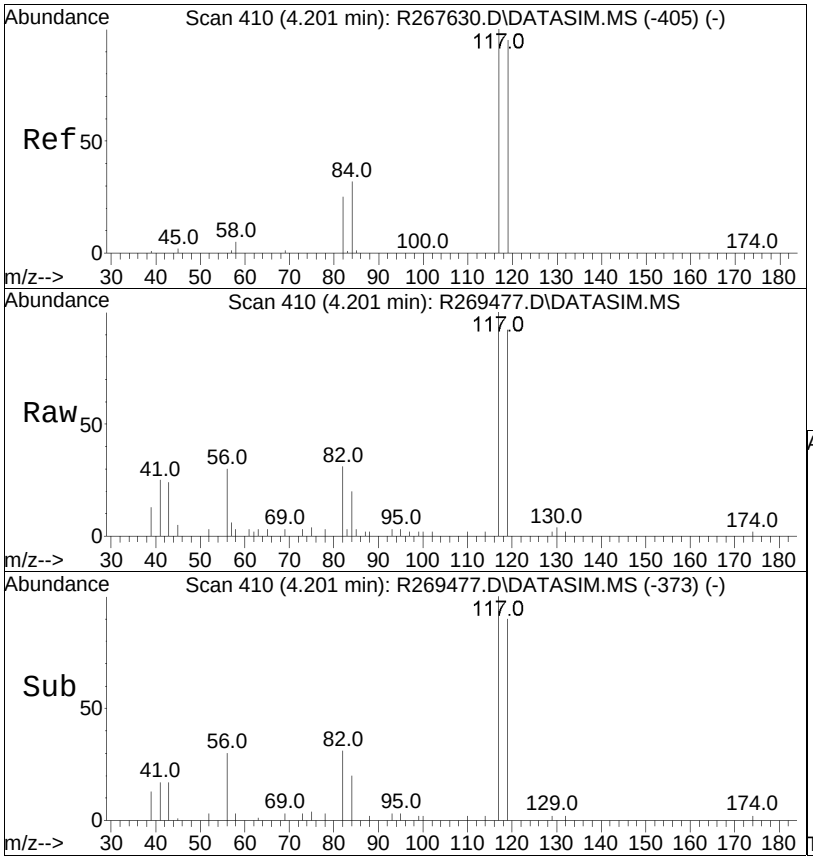


#37
benzene
Concen: 0.06 ppbV
RT: 4.135 min Scan# 403
Delta R.T. 0.010 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 78 Resp: 3600

Ion	Ratio	Lower	Upper
78	100		
52	14.4	0.0	0.0#

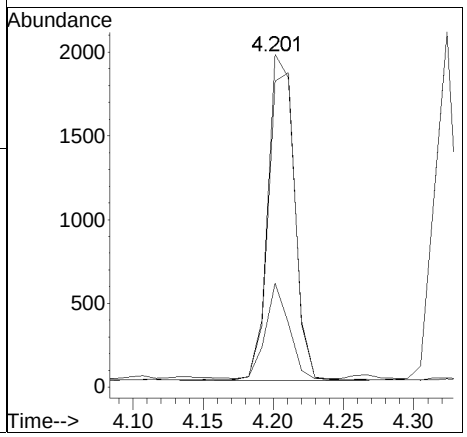


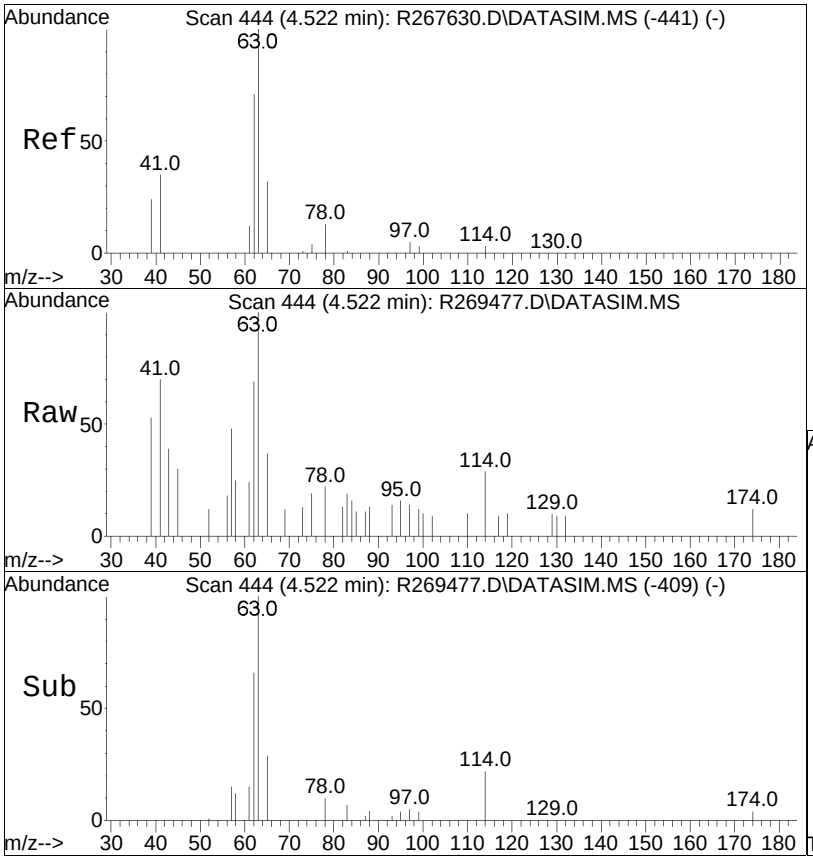


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 4.201 min Scan# 410
Delta R.T. 0.000 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion:117 Resp: 2561

Ion	Ratio	Lower	Upper
117	100		
119	95.4	0.0	0.0#
82	41.9	2.7	4.1#

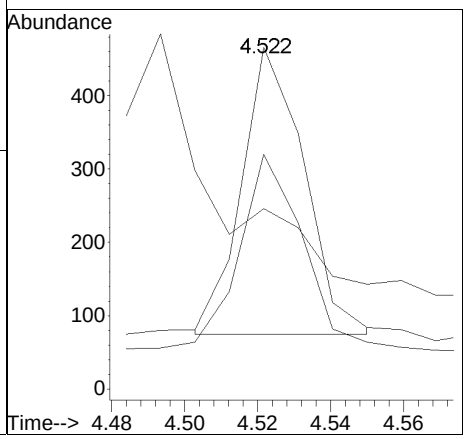


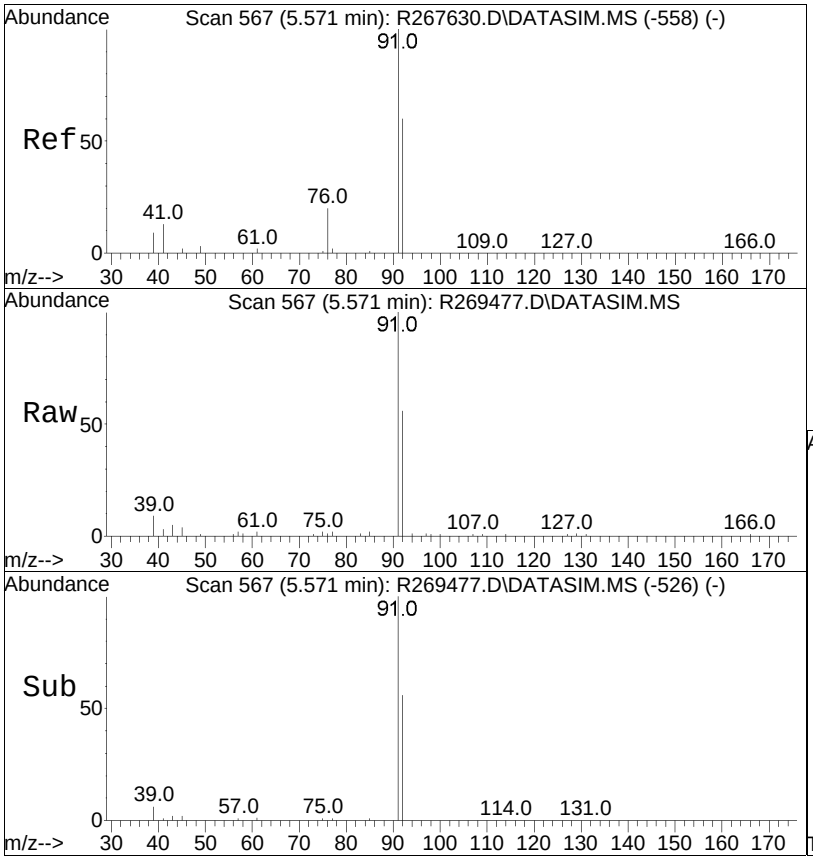


#41
1,2-dichloropropane
Concen: 0.02 ppbV m
RT: 4.522 min Scan# 444
Delta R.T. 0.000 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 63 Resp: 463

Ion	Ratio	Lower	Upper
63	100		
62	71.5	14.3	21.5#
39	136.9	4.9	7.3#

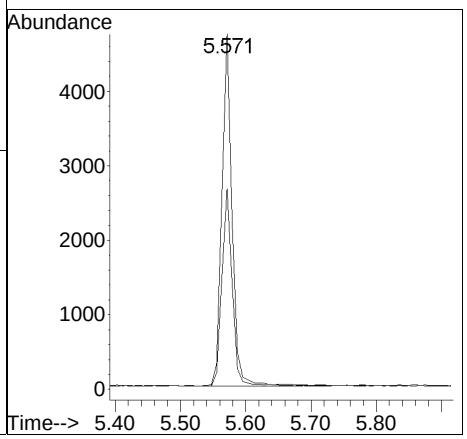


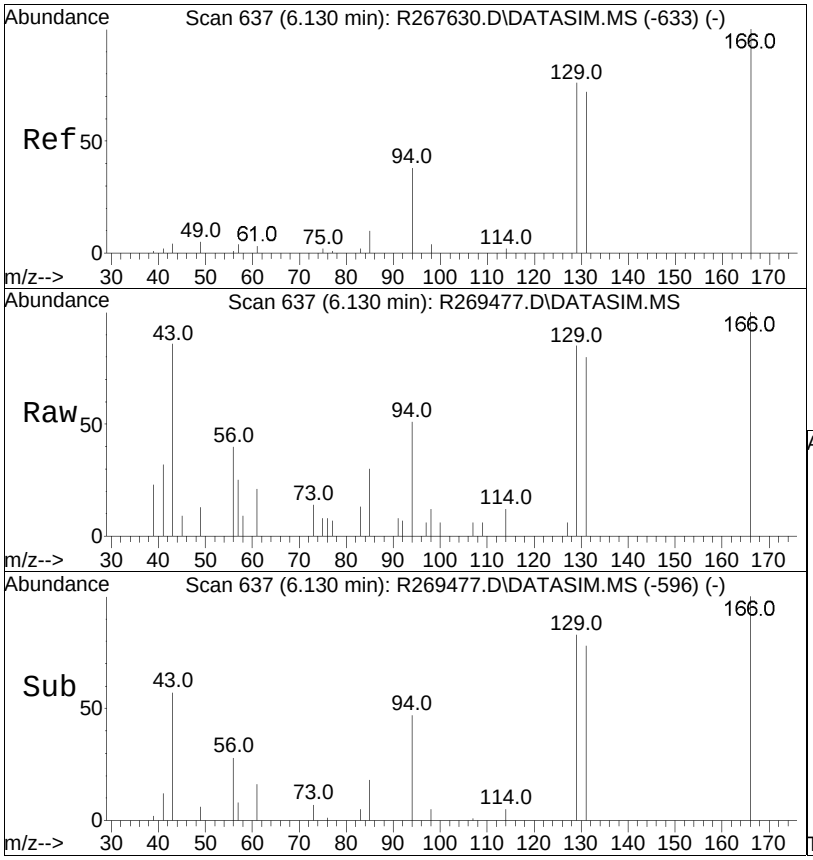


#52
toluene
Concen: 0.07 ppbV
RT: 5.571 min Scan# 567
Delta R.T. 0.000 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 91 Resp: 5120

Ion	Ratio	Lower	Upper
91	100		
92	56.9	47.5	71.3

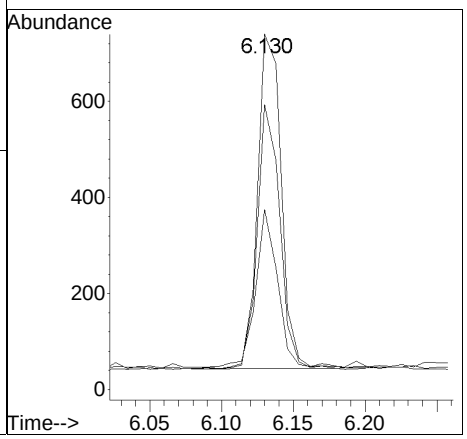


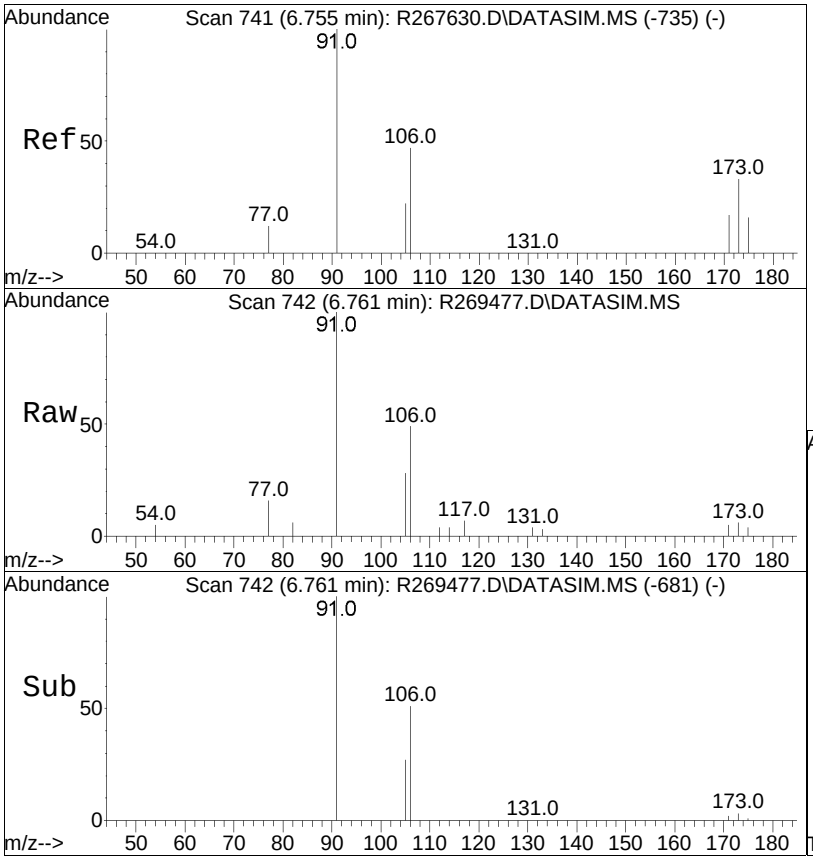


#57
tetrachloroethene
Concen: 0.02 ppbV
RT: 6.130 min Scan# 637
Delta R.T. 0.000 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion:166 Resp: 791

Ion	Ratio	Lower	Upper
166	100		
131	76.1	57.7	86.5
94	45.8	31.4	47.0

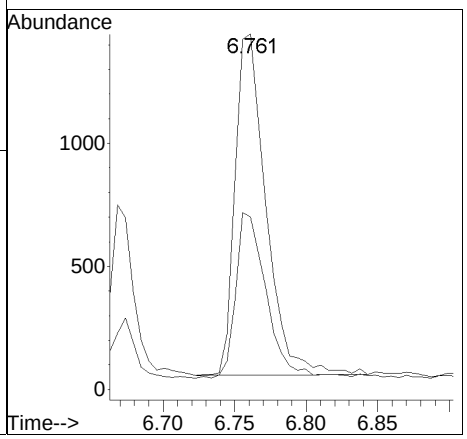


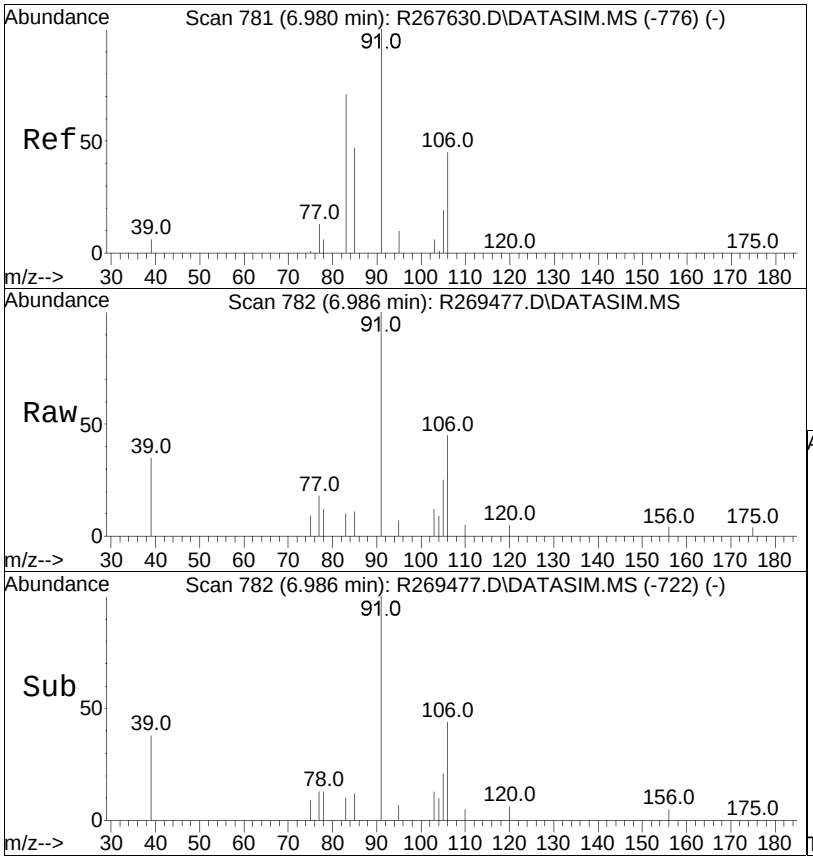


#61
m+p-xylene
Concen: 0.03 ppbV
RT: 6.761 min Scan# 742
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 91 Resp: 2091

Ion	Ratio	Lower	Upper
91	100		
106	48.7	38.7	58.1

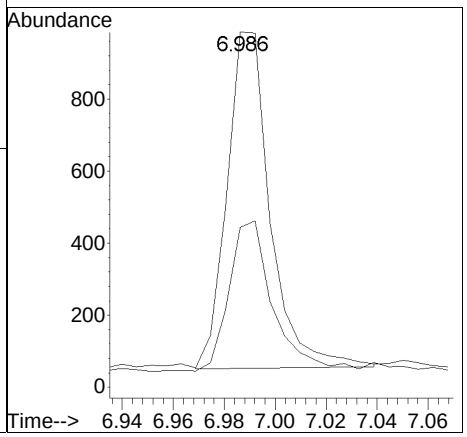


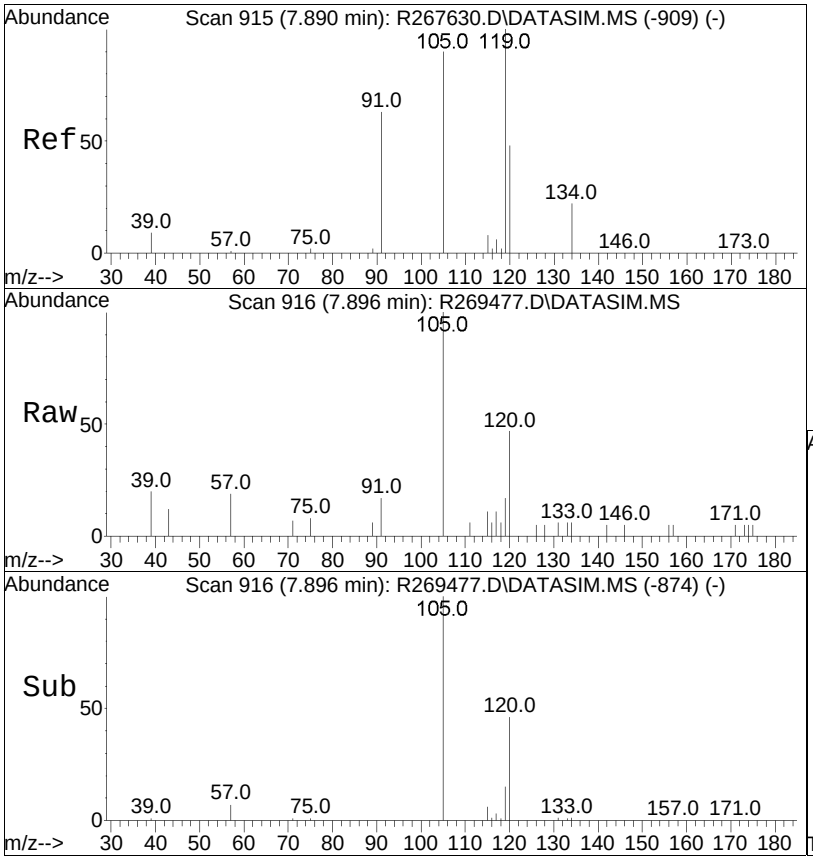


#65
o-xylene
Concen: 0.01 ppbV m
RT: 6.986 min Scan# 782
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion: 91 Resp: 1102

Ion	Ratio	Lower	Upper
91	100		
106	46.6	38.7	58.1

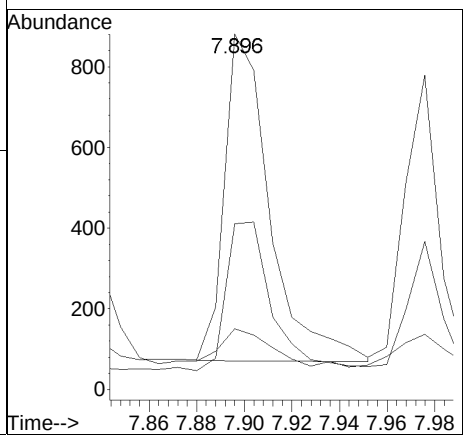




#73
1,2,4-trimethylbenzene
Concen: 0.01 ppbV m
RT: 7.896 min Scan# 916
Delta R.T. 0.006 min
Lab File: R269477.D
Acq: 28 Mar 2026 11:18 pm

Tgt Ion:105 Resp: 1075

Ion	Ratio	Lower	Upper
105	100		
120	43.3	45.0	67.4#
91	12.7	58.2	87.2#

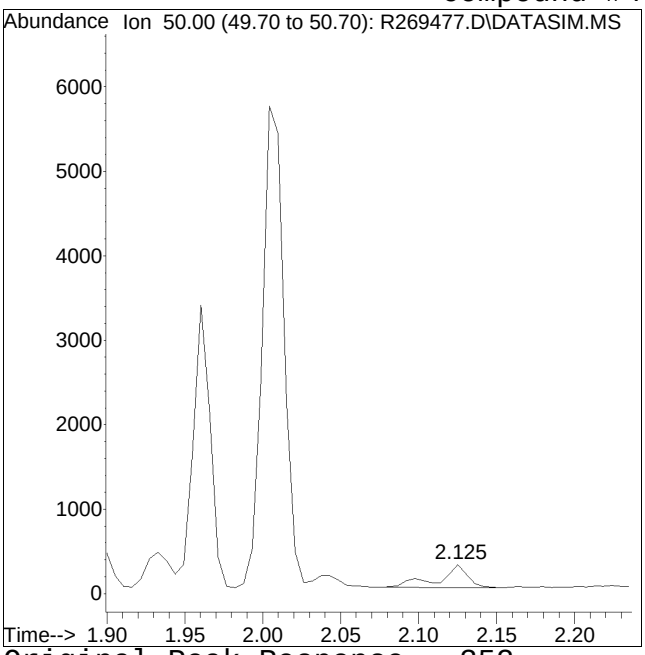


Manual Integration Report

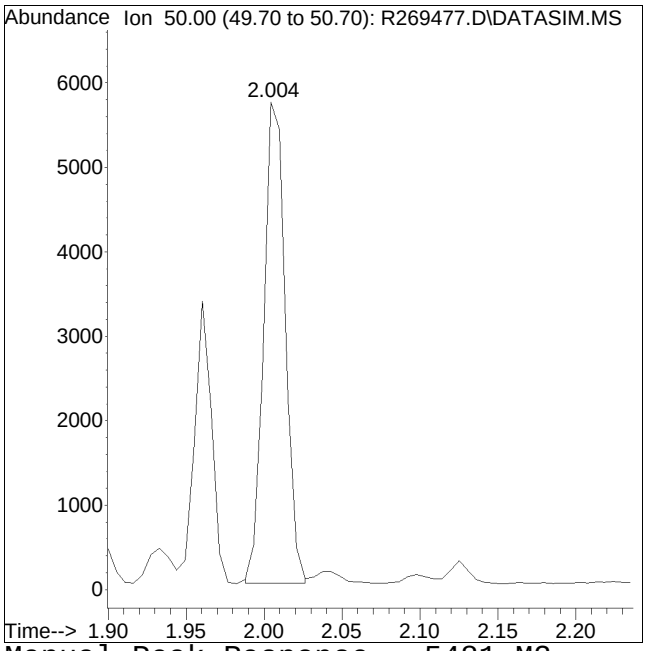
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R269477.D
Date Inj'd : 3/28/2026 11:18 pm
Sample : L2612589-11,3,250,250

Method : TSIM26_260107.M
Operator : AIRLAB26:SL
Instrument : Airlab26
Quant Date : 3/29/2026 9:28 am

Compound #4: chloromethane



Original Peak Response = 352



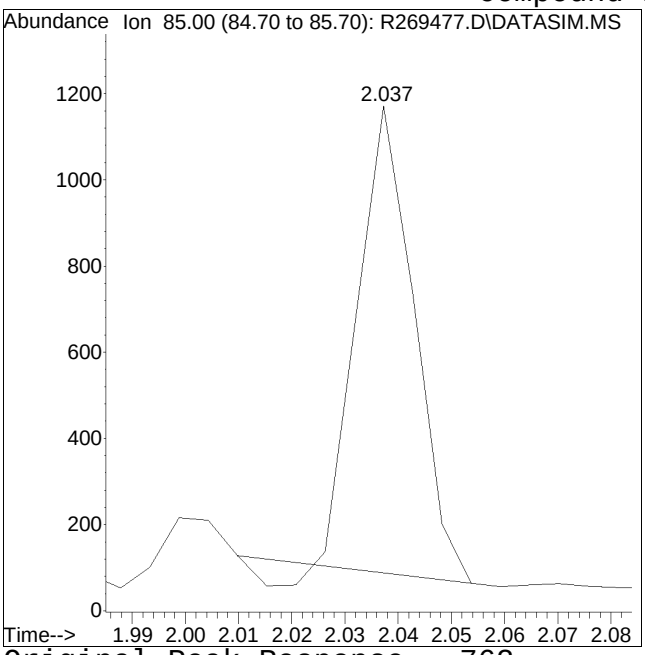
Manual Peak Response = 5481 M2

M2 = Peak not found by automatic integration algorithm.

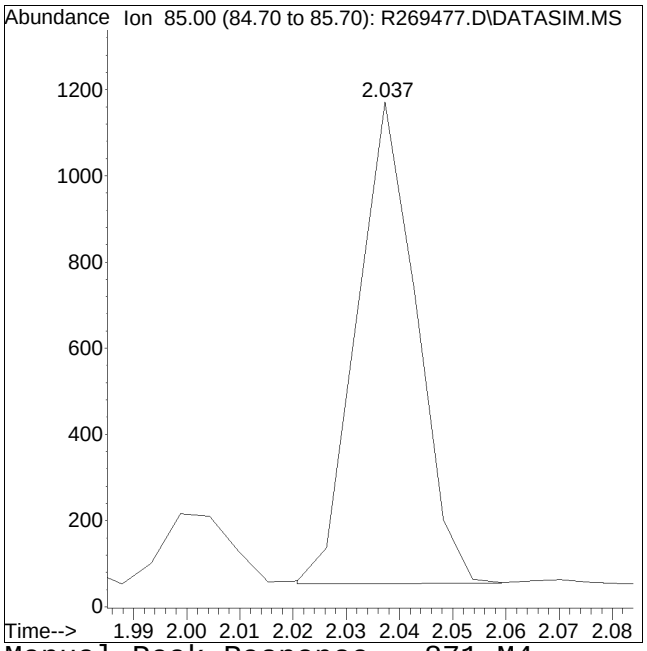
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #5: Freon-114



Original Peak Response = 762



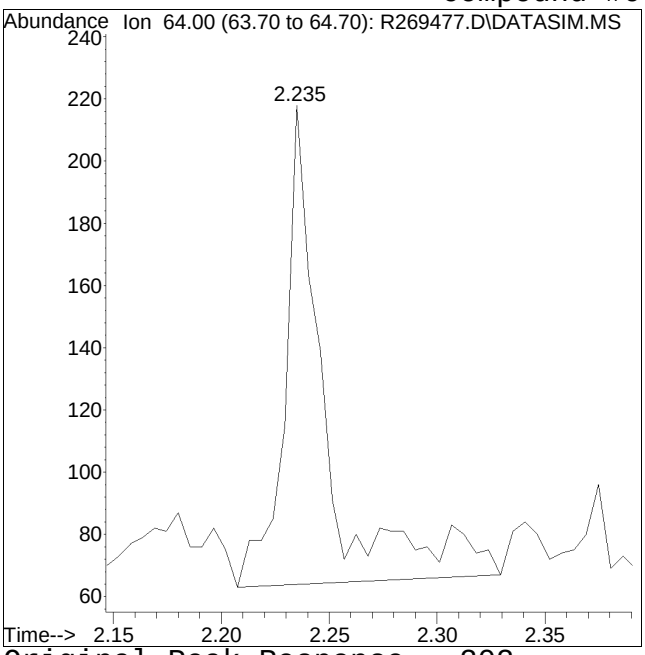
Manual Peak Response = 871 M4

M4 = Poor automated baseline construction.

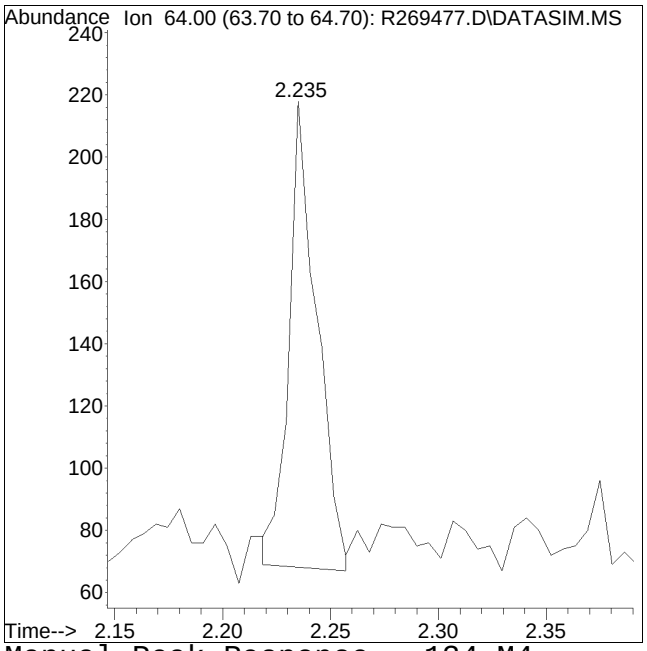
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #9: chloroethane



Original Peak Response = 202



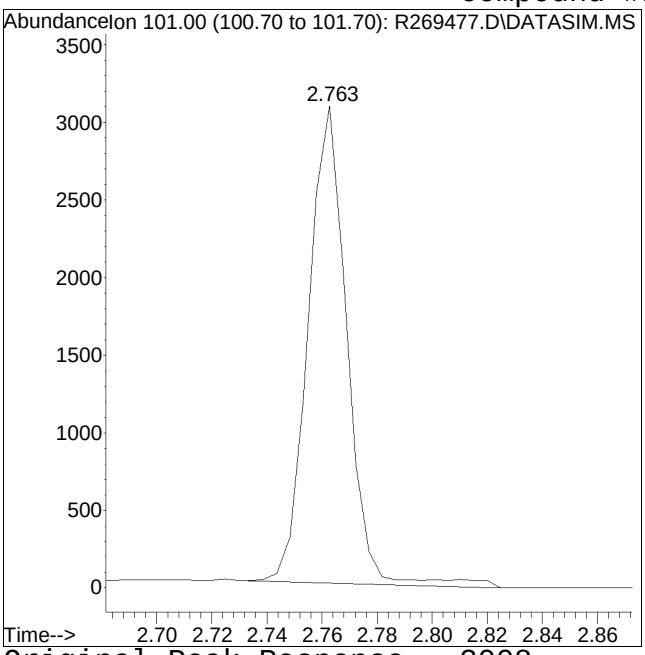
Manual Peak Response = 134 M4

M4 = Poor automated baseline construction.

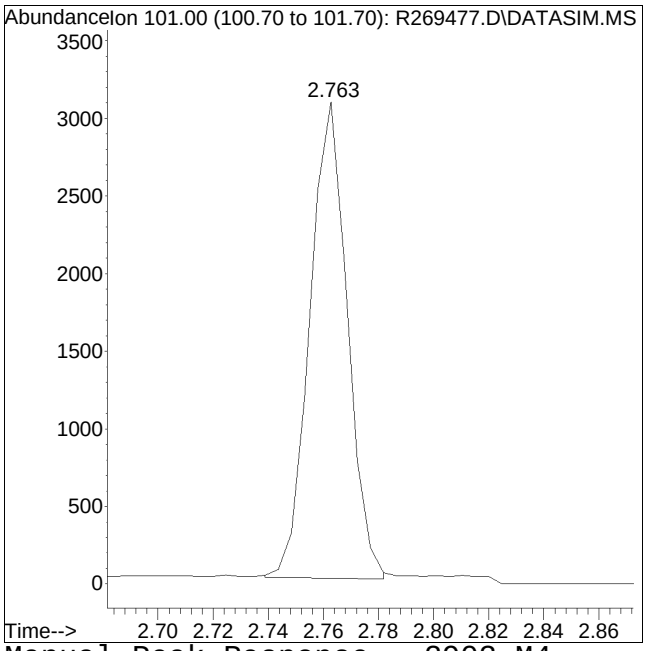
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #22: Freon 113



Original Peak Response = 3008



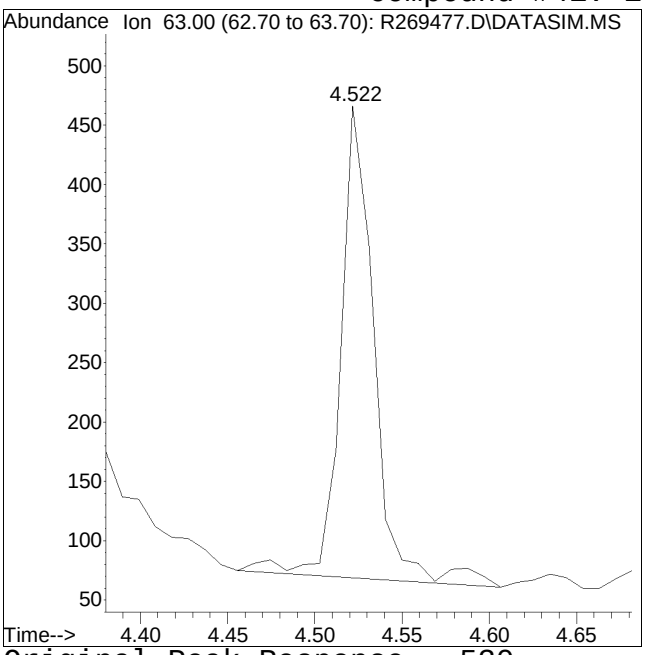
Manual Peak Response = 2903 M4

M4 = Poor automated baseline construction.

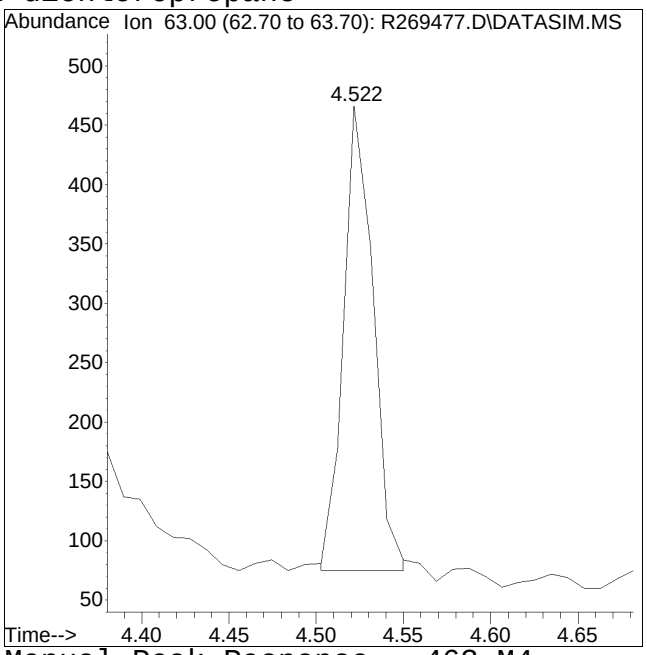
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #41: 1,2-dichloropropane



Original Peak Response = 530



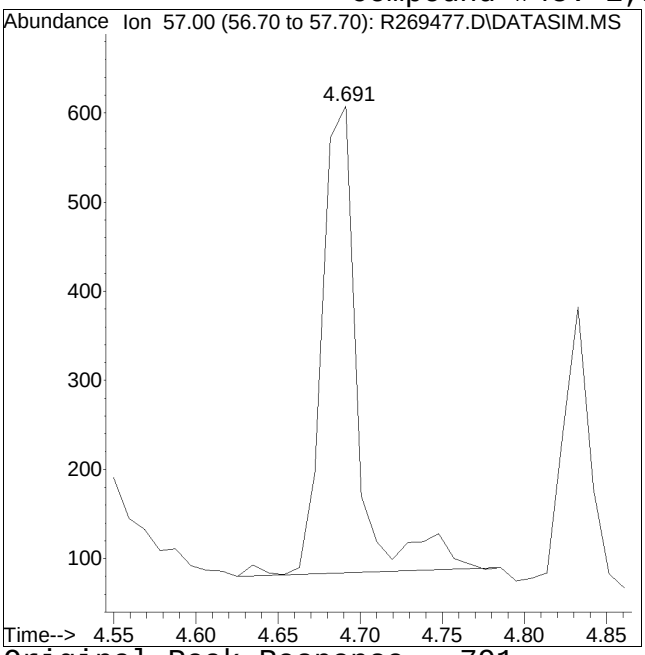
Manual Peak Response = 463 M4

M4 = Poor automated baseline construction.

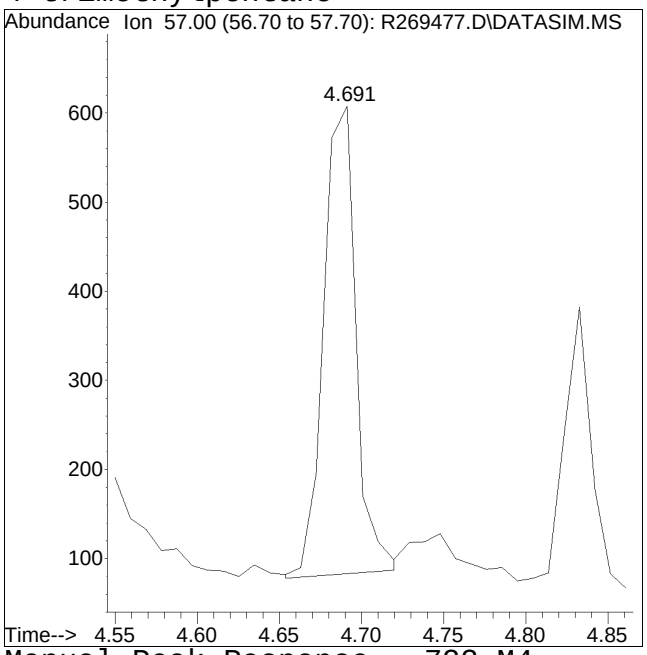
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #45: 2,2,4-trimethylpentane



Original Peak Response = 791



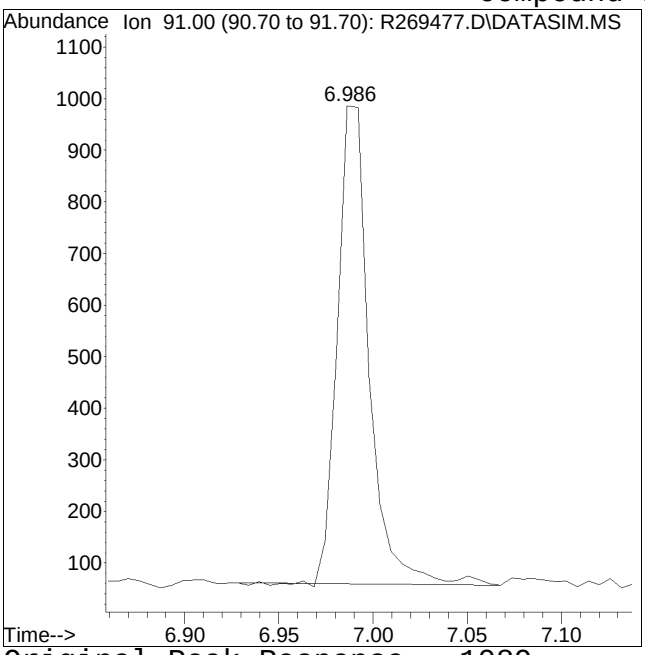
Manual Peak Response = 722 M4

M4 = Poor automated baseline construction.

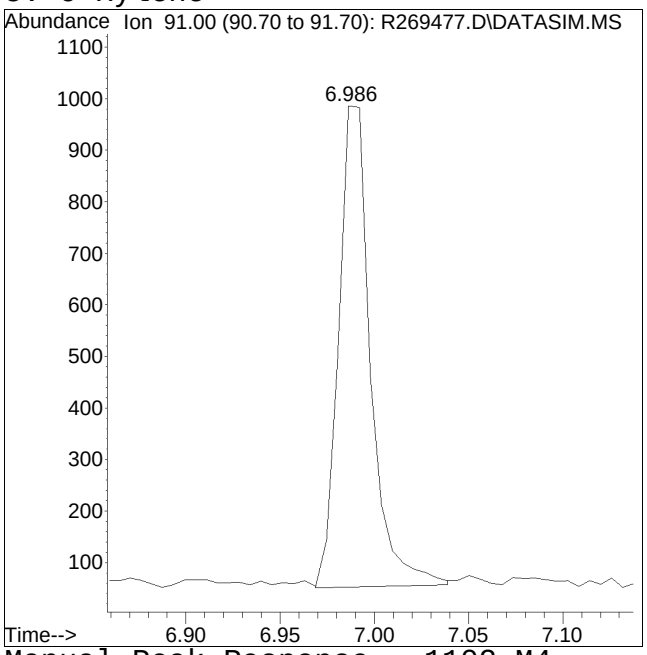
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #65: o-xylene



Original Peak Response = 1089



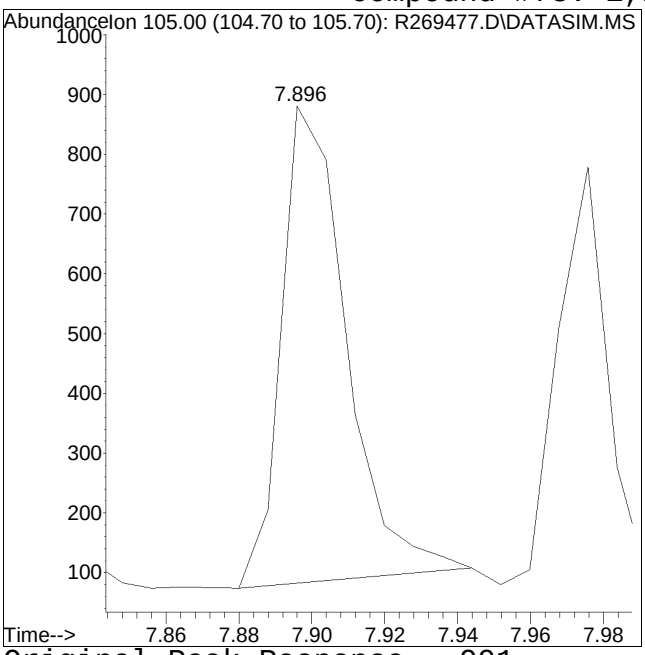
Manual Peak Response = 1102 M4

M4 = Poor automated baseline construction.

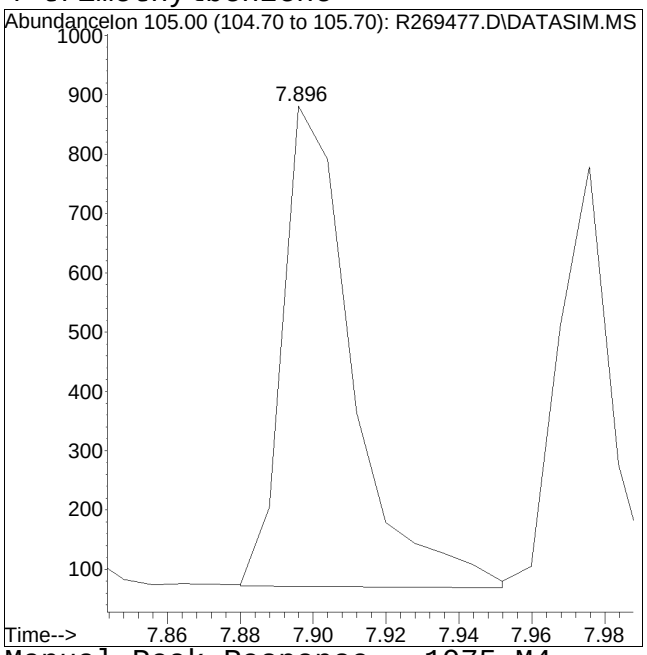
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269477.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:18 pm Instrument : Airlab26
Sample : L2612589-11,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #73: 1,2,4-trimethylbenzene



Original Peak Response = 991



Manual Peak Response = 1075 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269478.D
Acq On : 28 Mar 2026 11:52 pm
Operator : AIRLAB26:SL
Sample : L2612589-12,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 29 09:28:42 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	246529	10.000	ppbV	# 0.00
Standard Area = 234099			Recovery = 105.31%			
33) 1,4-difluorobenzene	4.324	114	684660	10.000	ppbV	# 0.00
Standard Area = 740785			Recovery = 92.42%			
51) chlorobenzene-D5	6.439	54	103451	10.000	ppbV	# 0.00
Standard Area = 104350			Recovery = 99.14%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) dichlorodifluoromethane	1.960	85	28386	0.557	ppbV	100
4) chloromethane	2.004	50	6146M4	0.348	ppbV	
5) Freon-114	2.032	85	880M4	0.016	ppbV	
6) vinyl chloride	0.000		0	N.D.	d	
8) bromomethane	2.186		0	N.D.		
9) chloroethane	0.000		0	N.D.	d	
10) ethanol	2.268	31	27587	3.210	ppbV	99
14) trichlorofluoromethane	2.460	101	9791	0.204	ppbV	99
17) 1,1-dichloroethene	2.624		0	N.D.		
18) tertiary butyl alcohol	0.000		0	N.D.	d	
19) methylene chloride	2.667	49	2178M4	0.113	ppbV	
22) Freon 113	2.758	101	2800M4	0.065	ppbV	
23) trans-1,2-dichloroethene	2.971		0	N.D.		
24) 1,1-dichloroethane	3.051		0	N.D.		
25) MTBE	0.000		0	N.D.	d	
27) 2-butanone	3.219	43	4369M4	0.108	ppbV	
28) cis-1,2-dichloroethene	3.374		0	N.D.		
30) chloroform	3.493	83	1085M4	0.024	ppbV	
32) 1,2-dichloroethane	3.809	62	427M4	0.016	ppbV	
34) hexane	3.478	57	3597	0.135	ppbV #	100
36) 1,1,1-trichloroethane	3.931	97	897	0.025	ppbV #	8
37) benzene	4.135	78	3522	0.059	ppbV #	100
38) carbon tetrachloride	4.201	117	2468	0.071	ppbV #	40
39) cyclohexane	0.000		0	N.D.	d	
41) 1,2-dichloropropane	4.522	63	512M4	0.024	ppbV	
42) bromodichloromethane	4.616		0	N.D.		
43) 1,4-dioxane	0.000		0	N.D.	d	
44) trichloroethene	4.644		0	N.D.		

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269478.D
Acq On : 28 Mar 2026 11:52 pm
Operator : AIRLAB26:SL
Sample : L2612589-12,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 29 09:28:42 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

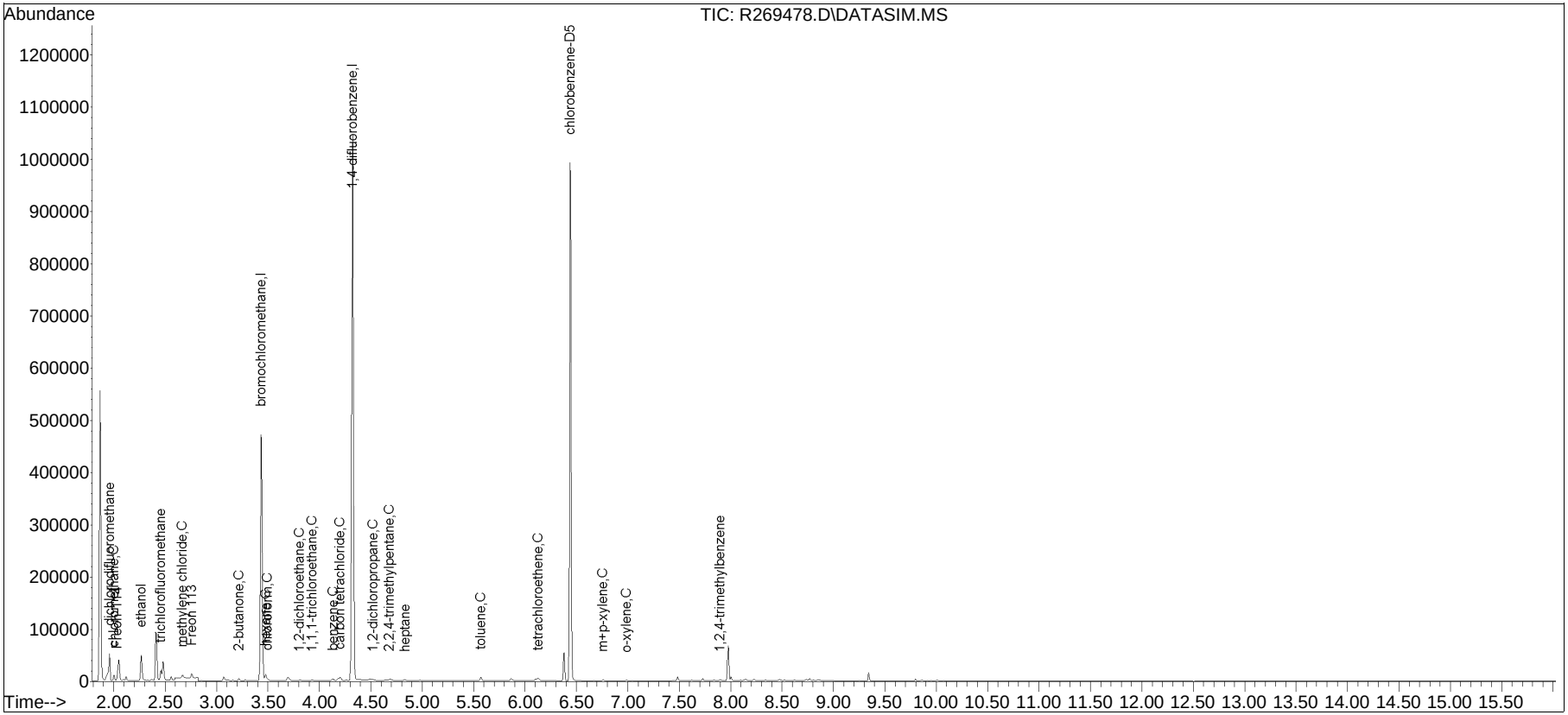
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2,2,4-trimethylpentane	4.682	57	774M4	0.010	ppbV	
46) heptane	4.833	43	638M4	0.025	ppbV	
47) cis-1,3-dichloropropene	0.000		0	N.D.		
48) 4-methyl-2-pentanone	0.000		0	N.D.	d	
49) trans-1,3-dichloropropene	5.380		0	N.D.		
50) 1,1,2-trichloroethane	0.000		0	N.D.		
52) toluene	5.571	91	4385	0.056	ppbV	97
55) dibromochloromethane	0.000		0	N.D.		
56) 1,2-dibromoethane	0.000		0	N.D.		
57) tetrachloroethene	6.130	166	1237	0.034	ppbV	99
59) chlorobenzene	6.461		0	N.D.		
60) ethylbenzene	6.668		0	N.D.		
61) m+p-xylene	6.756	91	2262	0.028	ppbV	99
62) bromoform	0.000		0	N.D.		
63) styrene	6.946		0	N.D.		
64) 1,1,2,2-tetrachloroethane	6.986		0	N.D.		
65) o-xylene	6.986	91	1037M5	0.013	ppbV	
71) 1,3,5-trimethylbenzene	7.691		0	N.D.		
73) 1,2,4-trimethylbenzene	7.898	105	1129	0.013	ppbV #	55
74) Benzyl Chloride	7.970		0	N.D.		
75) 1,3-dichlorobenzene	7.978		0	N.D.		
76) 1,4-dichlorobenzene	7.978		0	N.D.		
79) 1,2-dichlorobenzene	8.186		0	N.D.		
82) 1,2,4-trichlorobenzene	9.201		0	N.D.		
83) naphthalene	9.247		0	N.D.		
85) hexachlorobutadiene	0.000		0	N.D.		

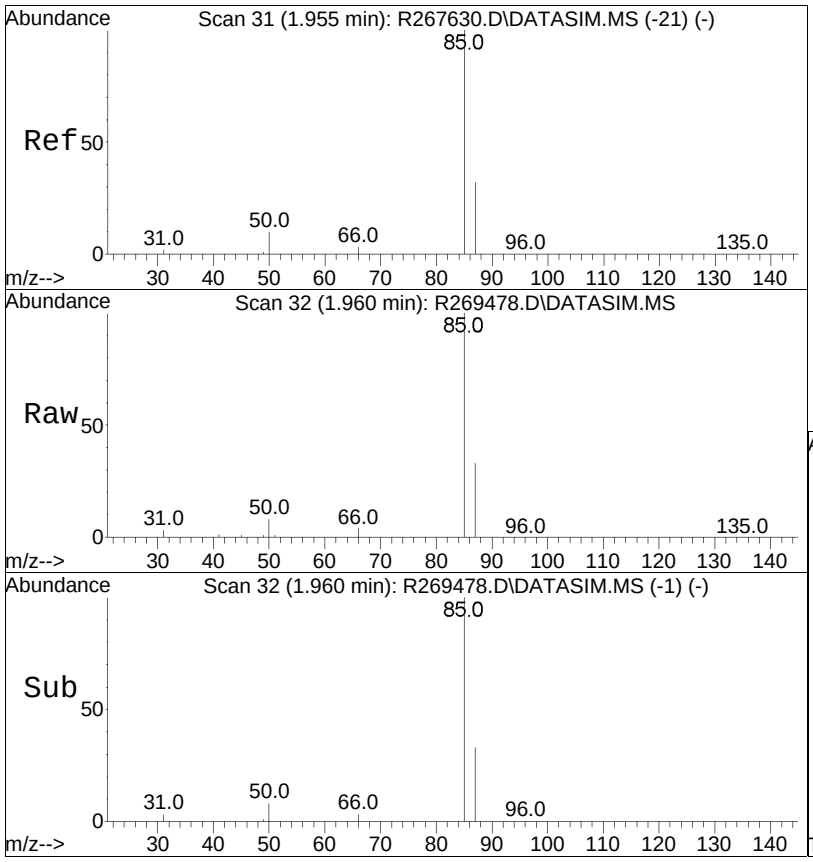
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab26\2026\03\0328SIM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269478.D
Acq On : 28 Mar 2026 11:52 pm
Operator : AIRLAB26:SL
Sample : L2612589-12,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 29 09:28:42 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

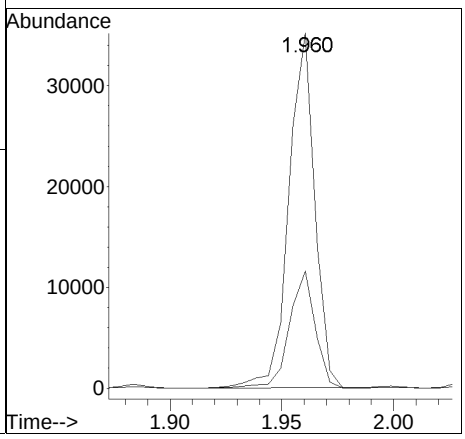


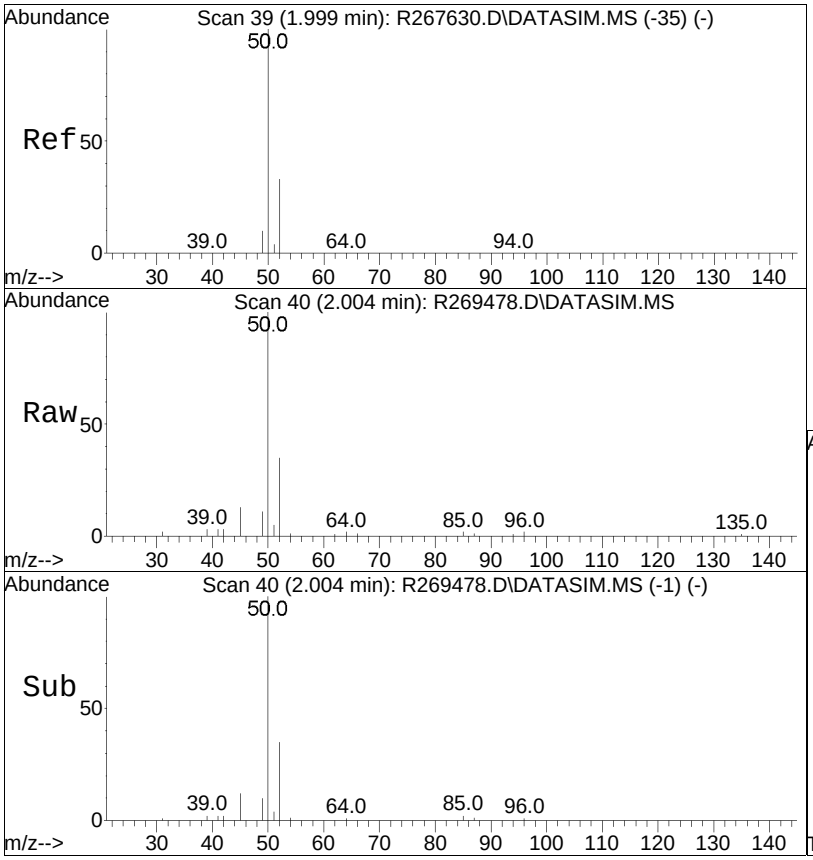


#3
dichlorodifluoromethane
Concen: 0.56 ppbV
RT: 1.960 min Scan# 32
Delta R.T. 0.006 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 85 Resp: 28386

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.2	39.4

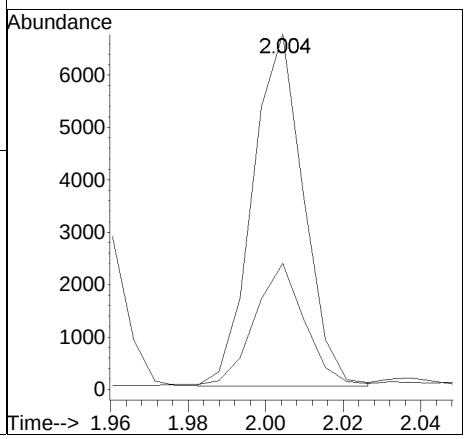


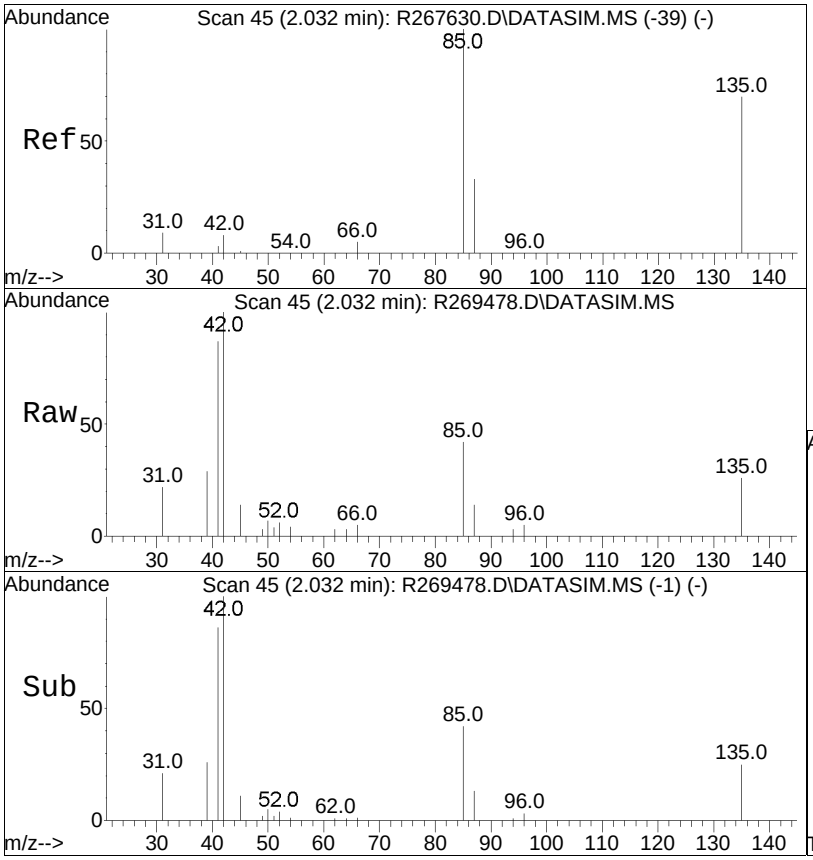


#4
chloromethane
Concen: 0.35 ppbV m
RT: 2.004 min Scan# 40
Delta R.T. 0.006 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 50 Resp: 6146

Ion	Ratio	Lower	Upper
50	100		
52	33.5	22.2	33.4#

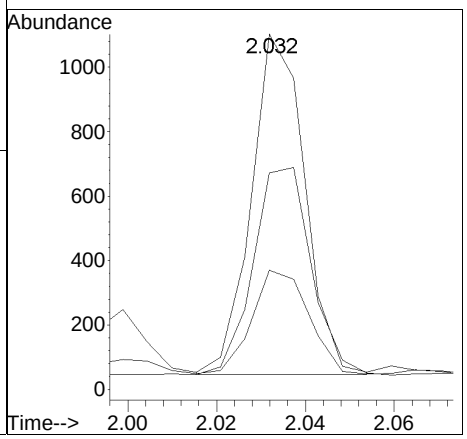


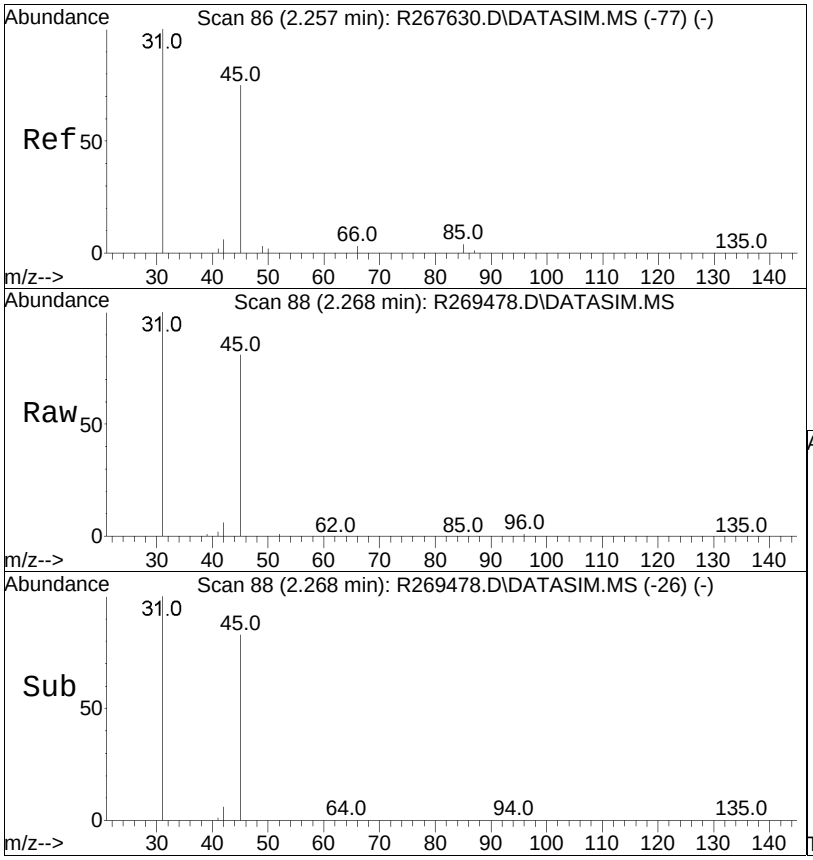


#5
Freon-114
Concen: 0.02 ppbV m
RT: 2.032 min Scan# 45
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 85 Resp: 880

Ion	Ratio	Lower	Upper
85	100		
87	36.4	26.2	39.2
135	68.4	55.9	83.9

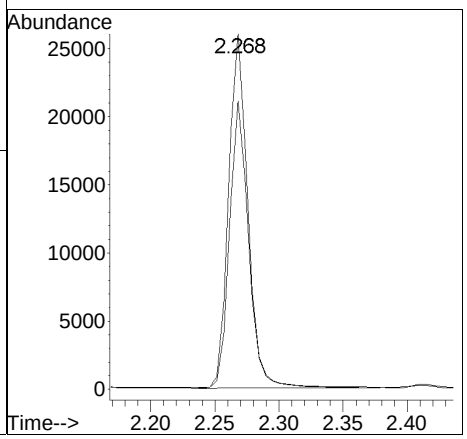


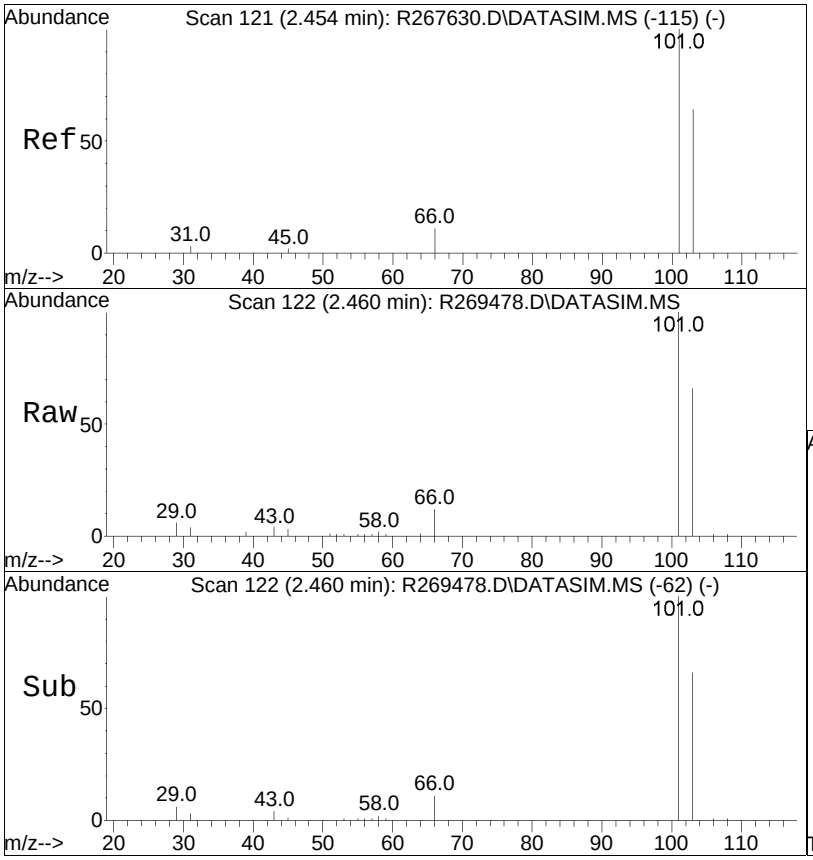


#10
ethanol
Concen: 3.21 ppbV
RT: 2.268 min Scan# 88
Delta R.T. 0.011 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 31 Resp: 27587

Ion	Ratio	Lower	Upper
31	100		
45	79.8	63.0	94.4

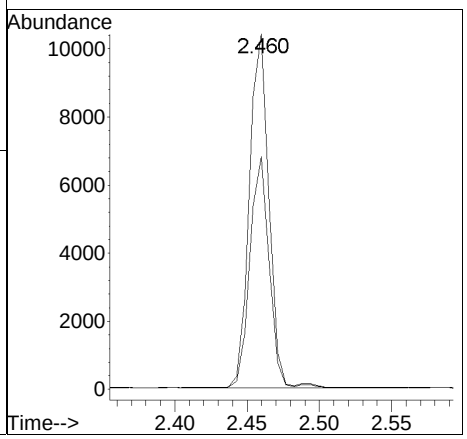


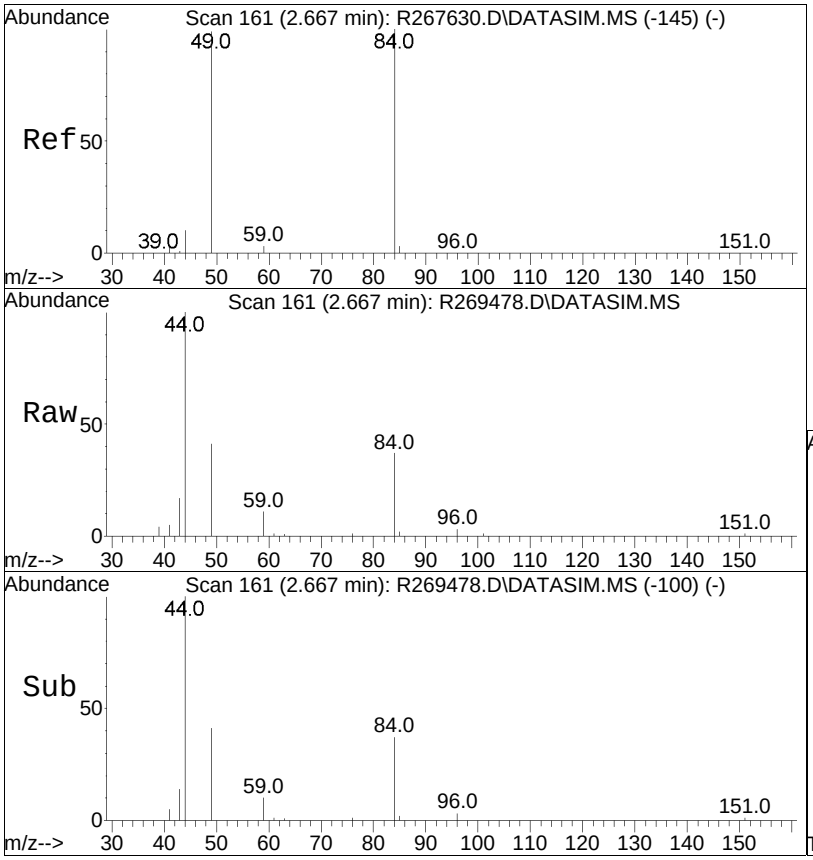


#14
trichlorofluoromethane
Concen: 0.20 ppbV
RT: 2.460 min Scan# 122
Delta R.T. 0.006 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion:101 Resp: 9791

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.9	77.9

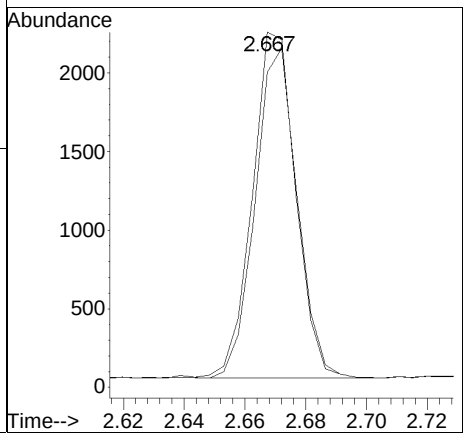


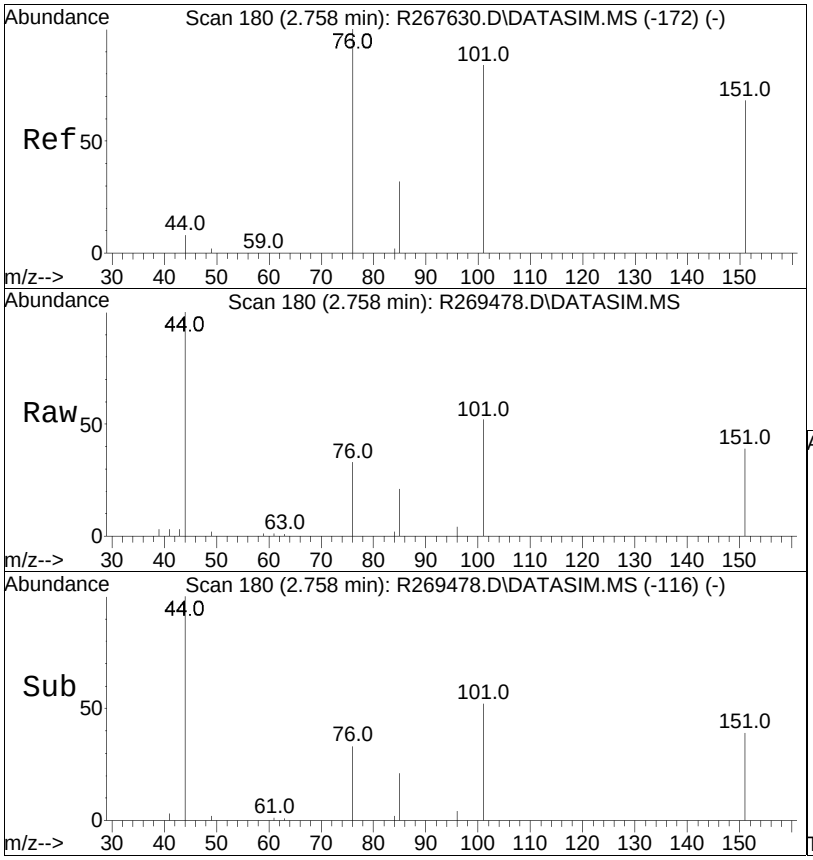


#19
methylene chloride
Concen: 0.11 ppbV m
RT: 2.667 min Scan# 161
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 49 Resp: 2178

Ion	Ratio	Lower	Upper
49	100		
84	92.1	77.0	115.4

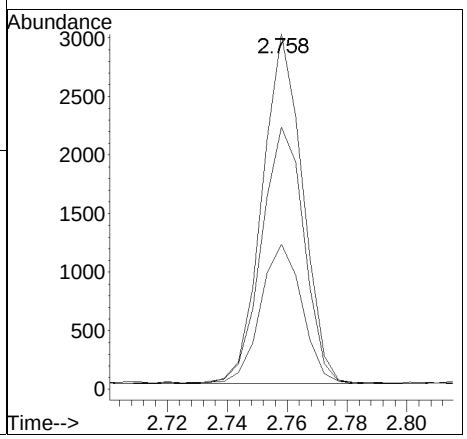


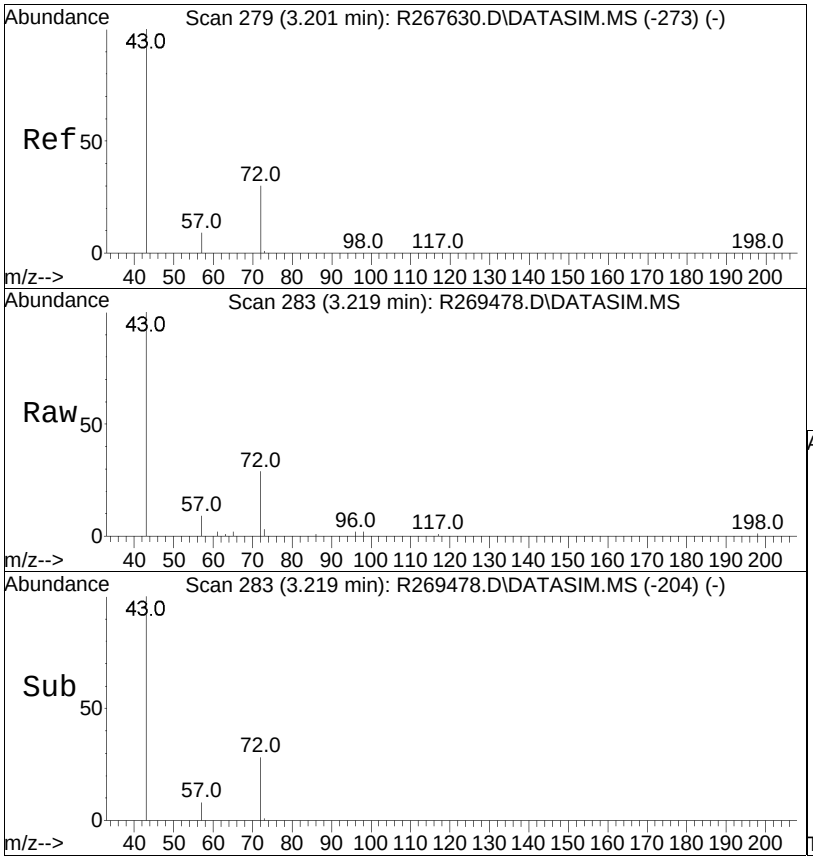


#22
Freon 113
Concen: 0.06 ppbV m
RT: 2.758 min Scan# 180
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion:101 Resp: 2800

Ion	Ratio	Lower	Upper
101	100		
85	47.5	31.4	47.0#
151	83.0	64.1	96.1

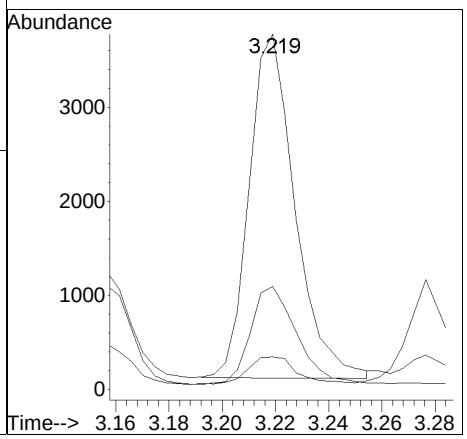


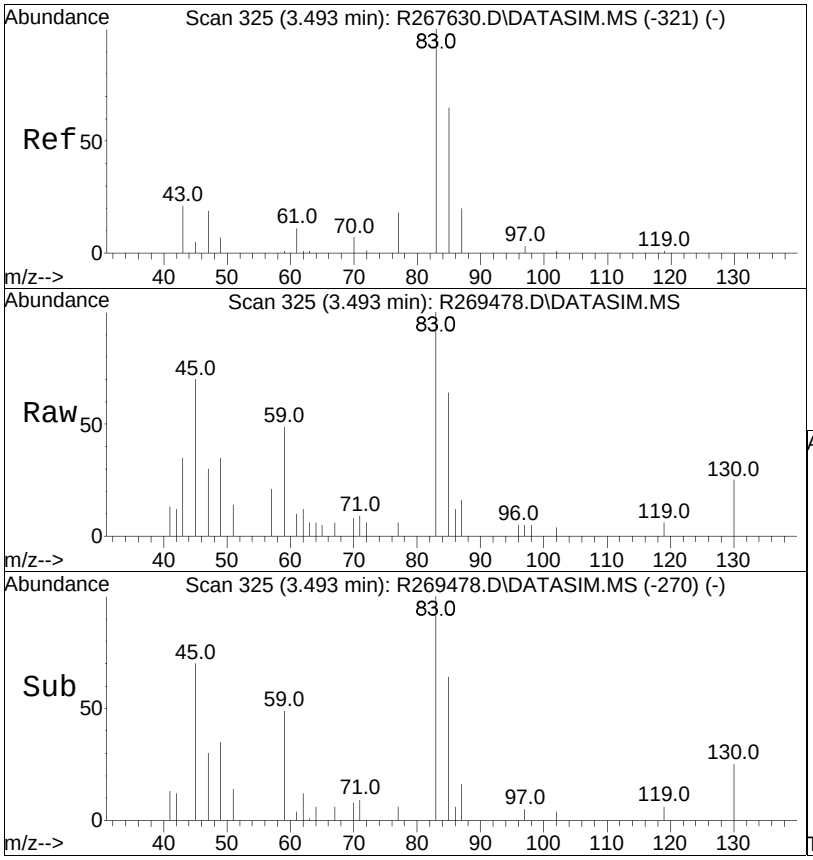


#27
2-butanone
Concen: 0.11 ppbV m
RT: 3.219 min Scan# 283
Delta R.T. 0.018 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 43 Resp: 4369

Ion	Ratio	Lower	Upper
43	100		
72	32.5	23.2	34.8
57	8.1	5.8	8.8

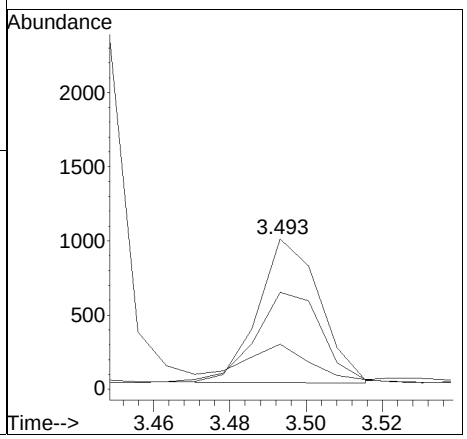


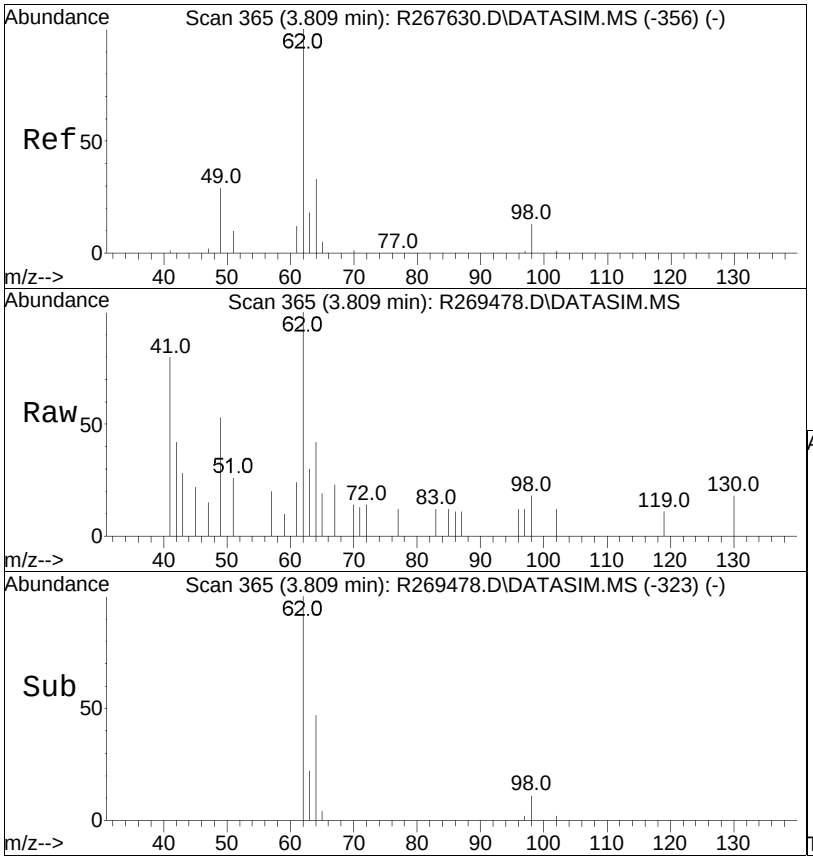


#30
chloroform
Concen: 0.02 ppbV m
RT: 3.493 min Scan# 325
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 83 Resp: 1085

Ion	Ratio	Lower	Upper
83	100		
85	69.3	0.0	0.0#
47	2040.6	0.0	0.0#

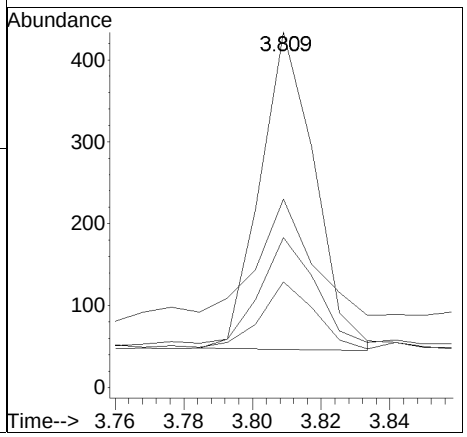


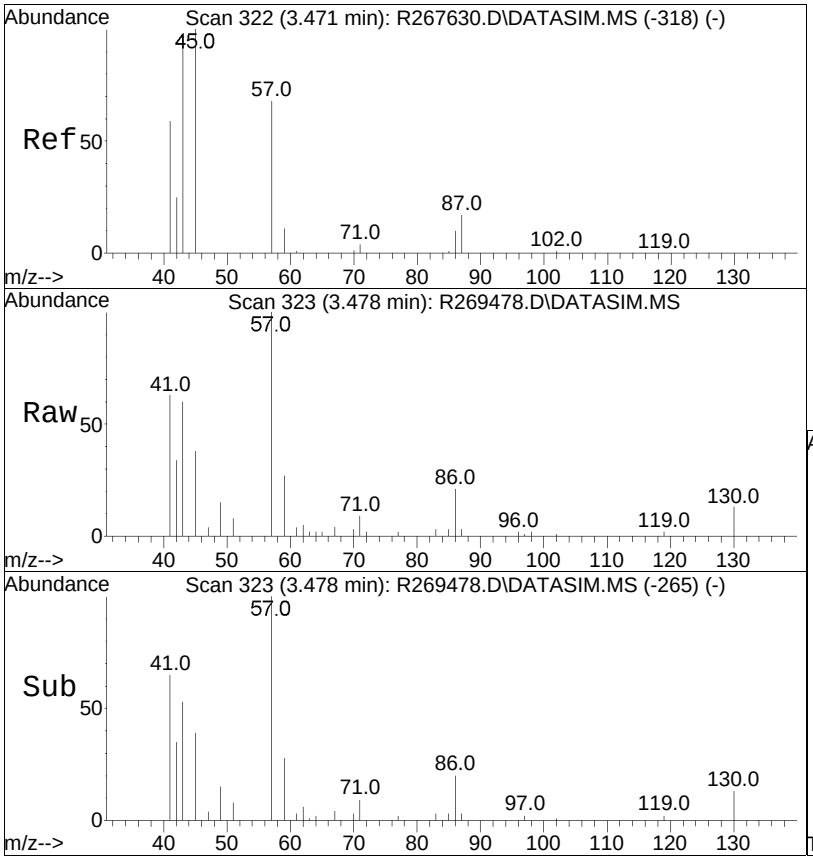


#32
1,2-dichloroethane
Concen: 0.02 ppbV m
RT: 3.809 min Scan# 365
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 62 Resp: 427

Ion	Ratio	Lower	Upper
62	100		
64	37.9	27.4	41.0
49	40.3	27.7	41.5
63	21.3	13.0	19.4#

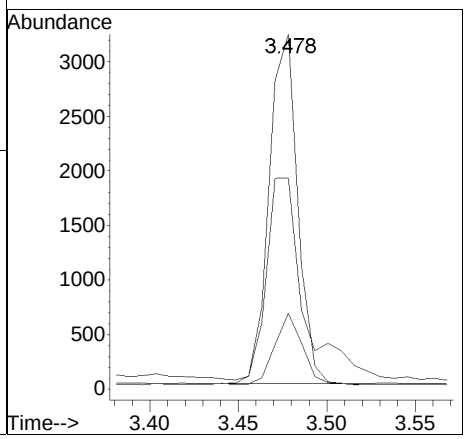


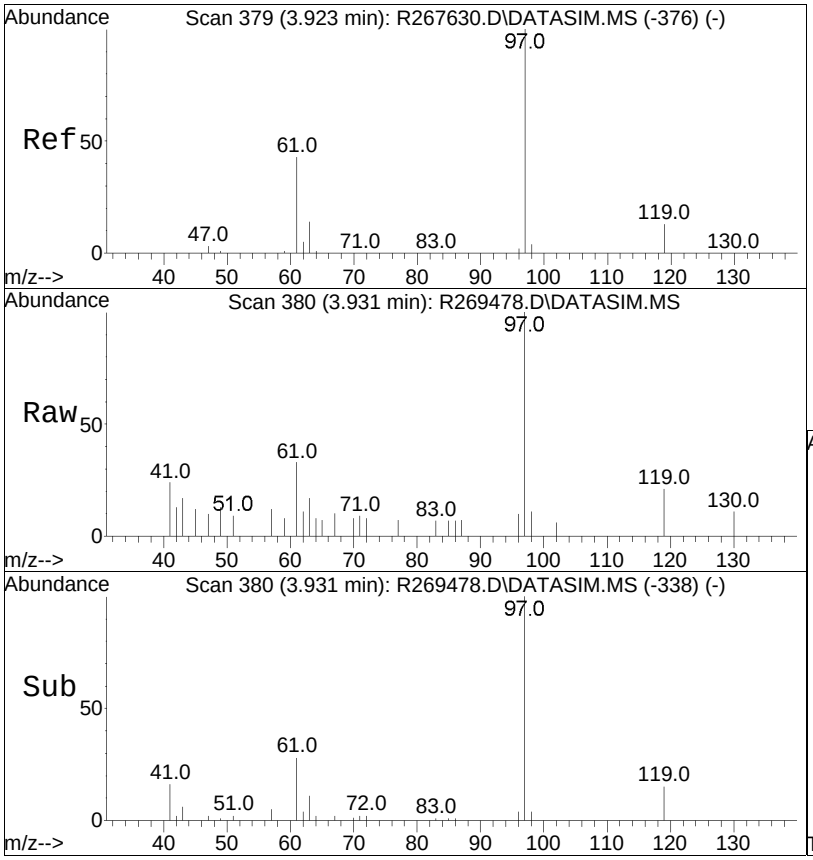


#34
hexane
Concen: 0.13 ppbV
RT: 3.478 min Scan# 323
Delta R.T. 0.008 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 57 Resp: 3597

Ion	Ratio	Lower	Upper
57	100		
43	73.2	0.0	0.0#
86	19.6	0.0	0.0#

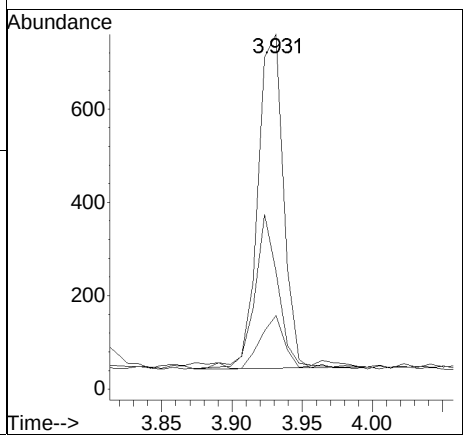


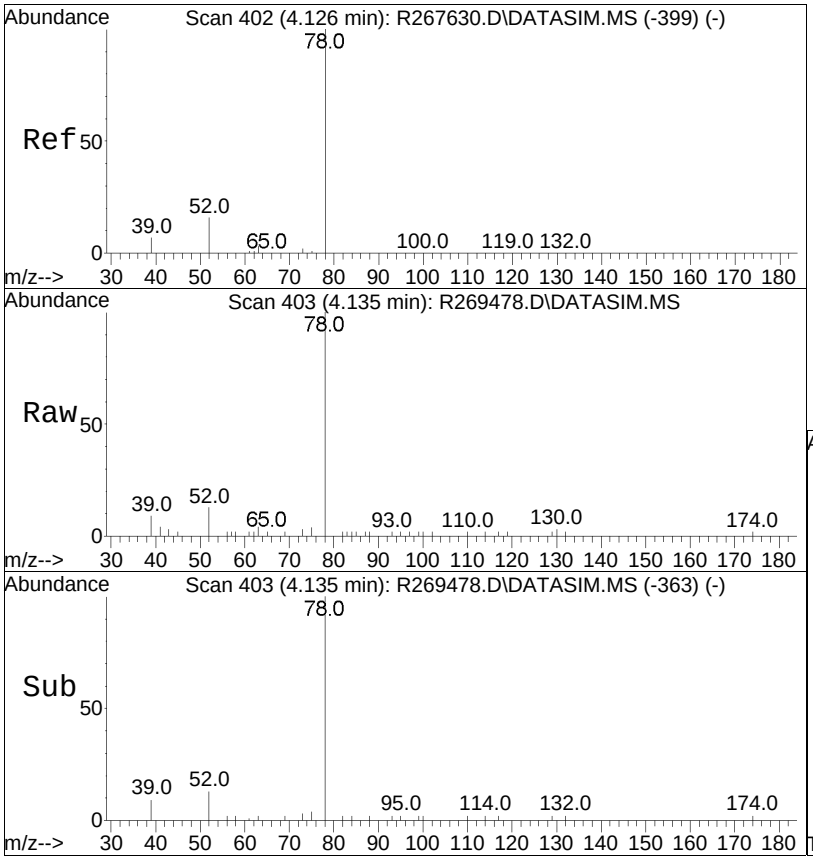


#36
1,1,1-trichloroethane
Concen: 0.02 ppbV
RT: 3.931 min Scan# 380
Delta R.T. 0.008 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 97 Resp: 897

Ion	Ratio	Lower	Upper
97	100		
61	42.1	7.1	10.7#
119	17.7	0.0	0.0#

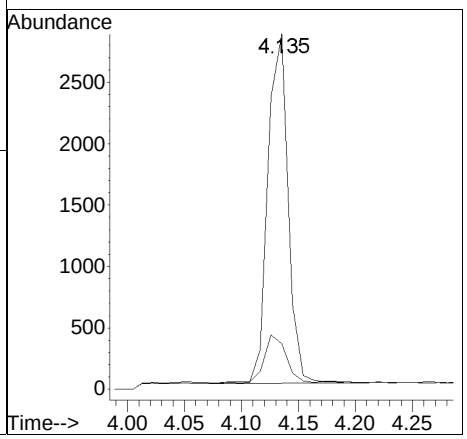


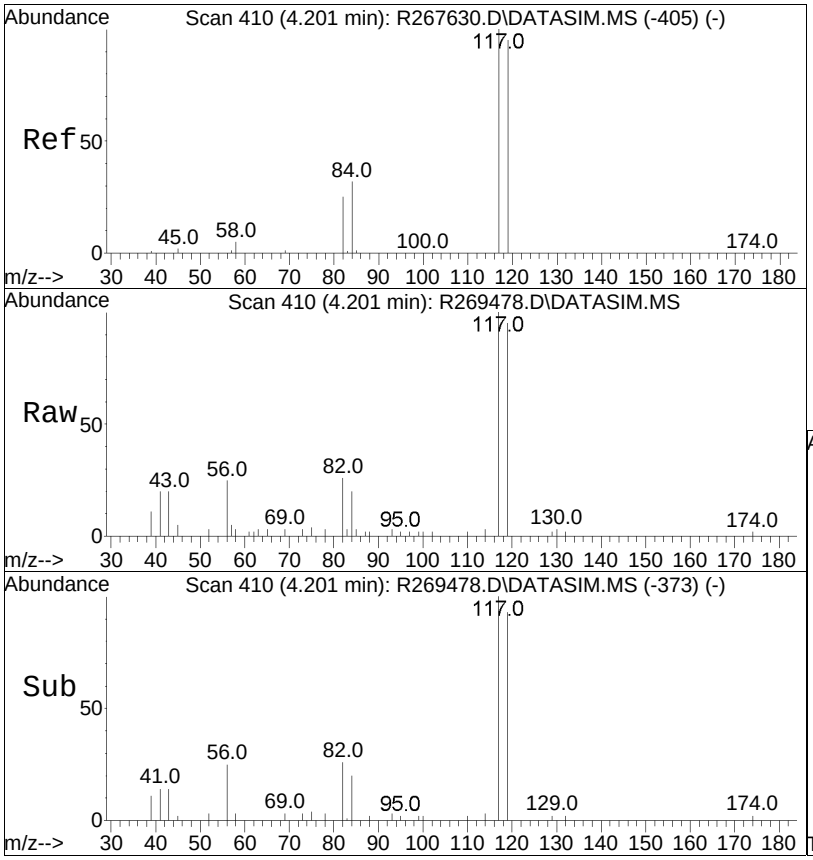


#37
benzene
Concen: 0.06 ppbV
RT: 4.135 min Scan# 403
Delta R.T. 0.010 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 78 Resp: 3522

Ion	Ratio	Lower	Upper
78	100		
52	26.4	0.0	0.0#

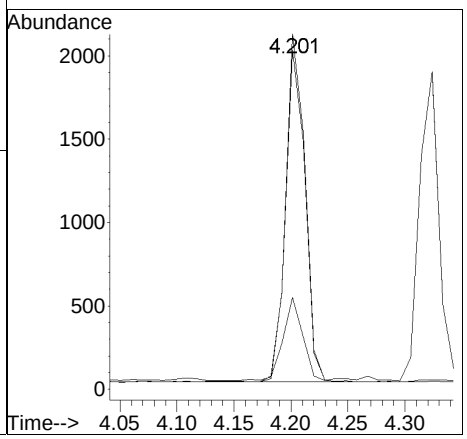


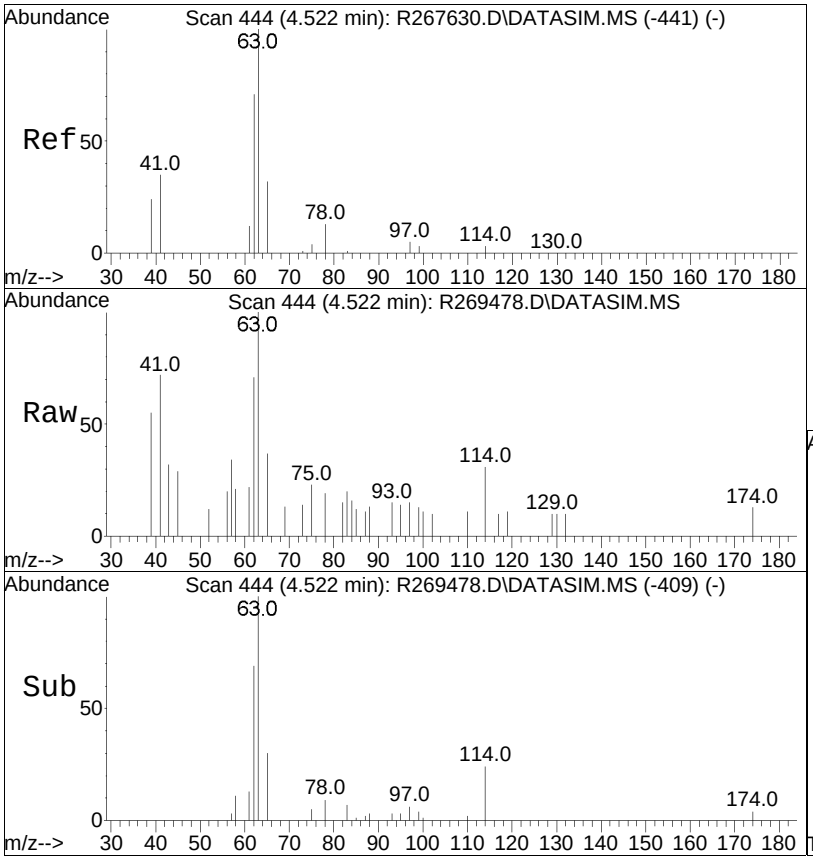


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 4.201 min Scan# 410
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion:117 Resp: 2468

Ion	Ratio	Lower	Upper
117	100		
119	95.8	0.0	0.0#
82	23.1	2.7	4.1#

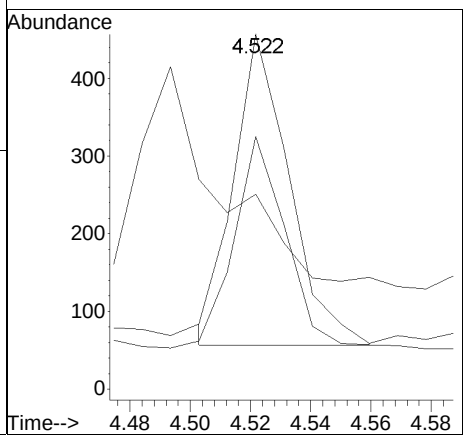


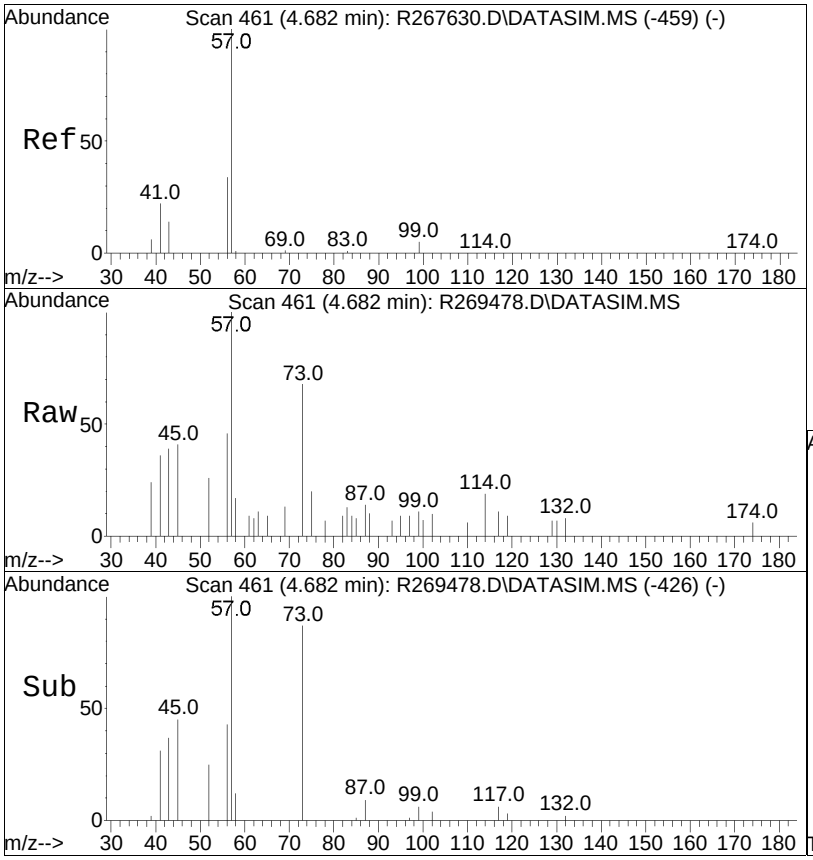


#41
1,2-dichloropropane
Concen: 0.02 ppbV m
RT: 4.522 min Scan# 444
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 63 Resp: 512

Ion	Ratio	Lower	Upper
63	100		
62	59.8	14.3	21.5#
39	96.5	4.9	7.3#

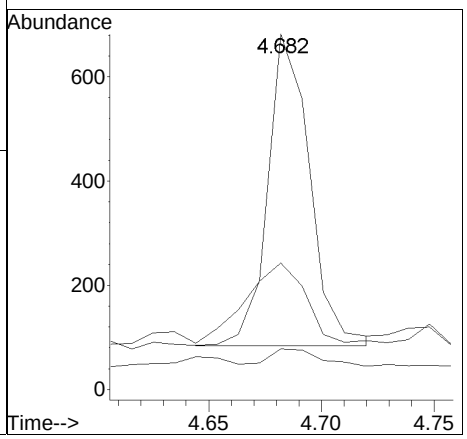


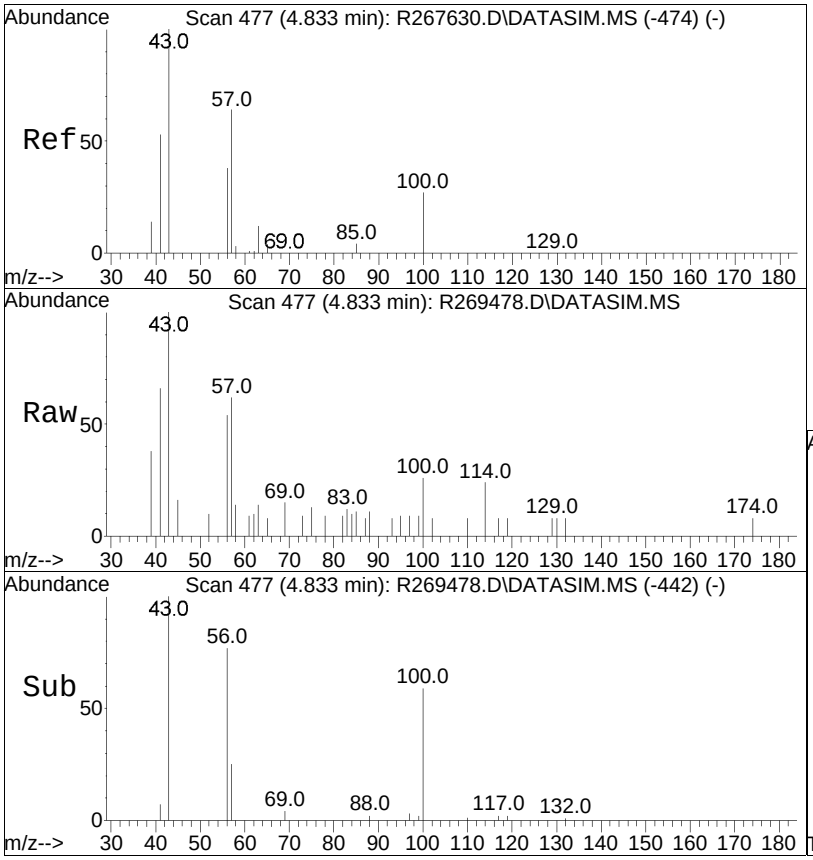


#45
2,2,4-trimethylpentane
Concen: 0.01 ppbV m
RT: 4.682 min Scan# 461
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 57 Resp: 774

Ion	Ratio	Lower	Upper
57	100		
99	11.5	0.0	0.0#
41	42.8	5.2	7.8#

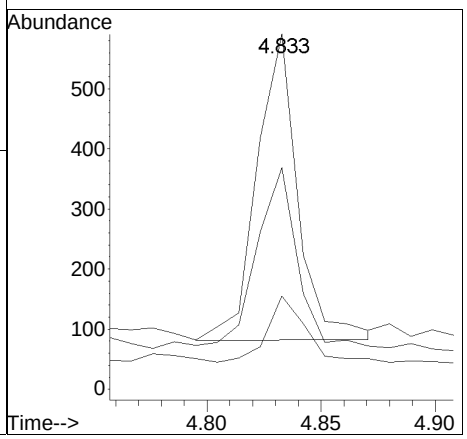


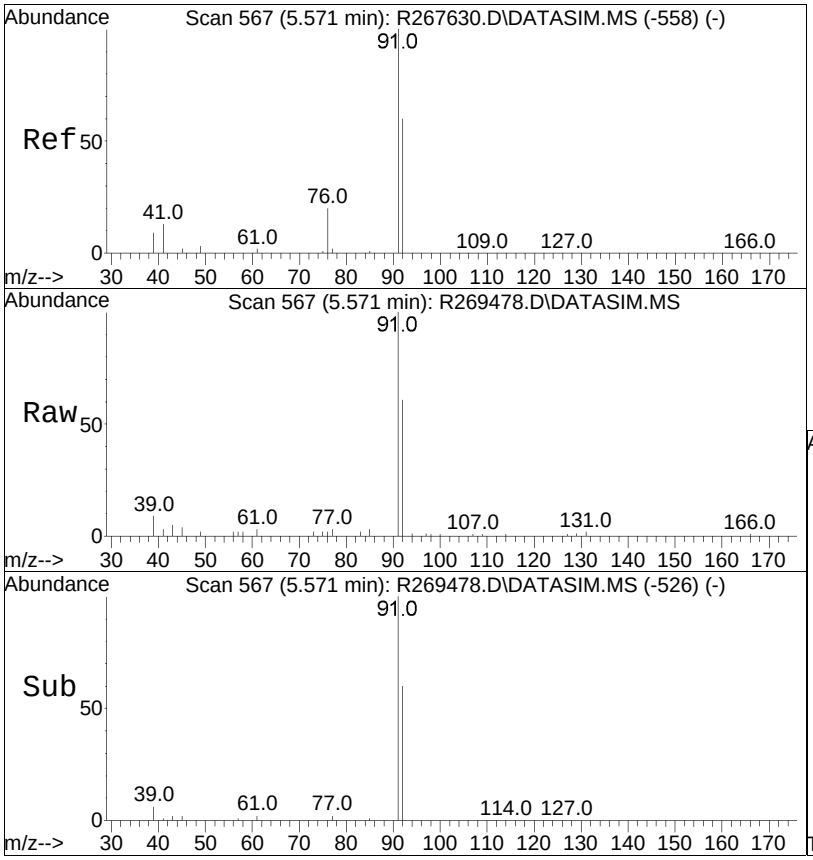


#46
heptane
Concen: 0.03 ppbV m
RT: 4.833 min Scan# 477
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 43 Resp: 638

Ion	Ratio	Lower	Upper
43	100		
57	57.4	3.0	4.6#
100	23.2	0.1	0.1#

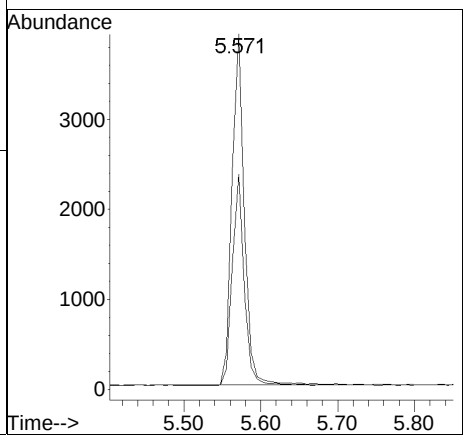


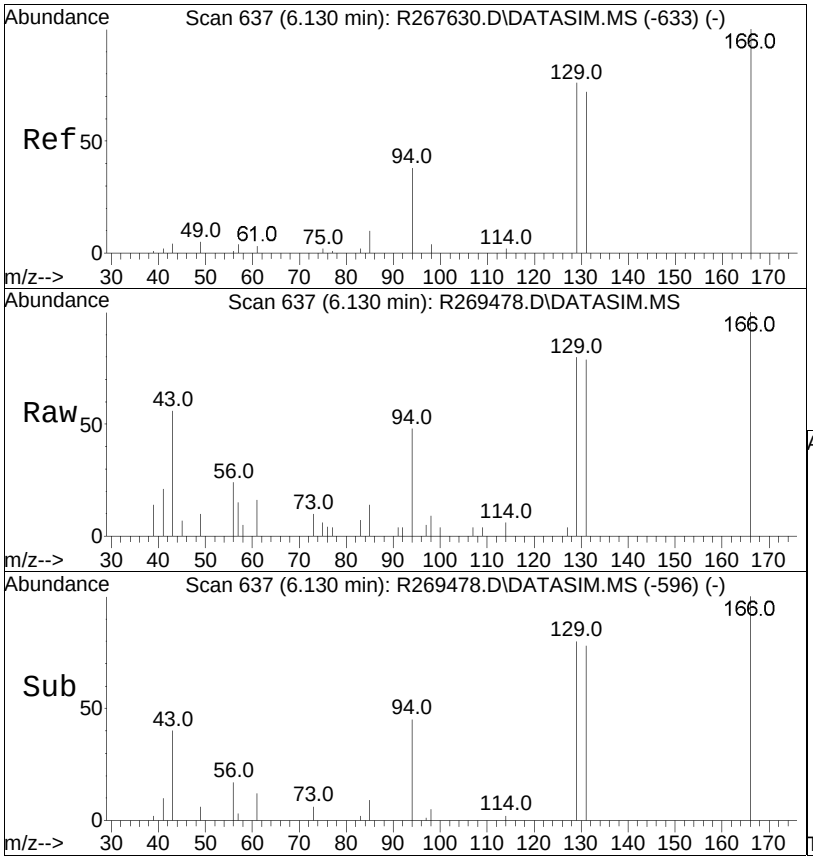


#52
toluene
Concen: 0.06 ppbV
RT: 5.571 min Scan# 567
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 91 Resp: 4385

Ion	Ratio	Lower	Upper
91	100		
92	57.3	47.5	71.3

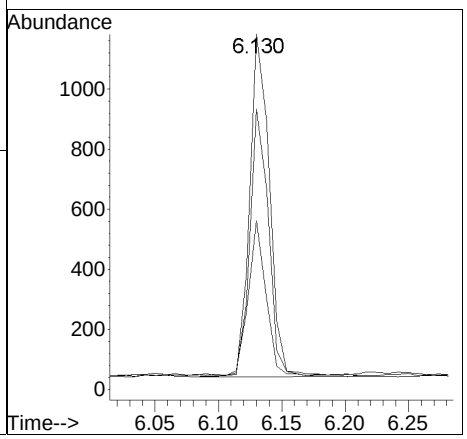


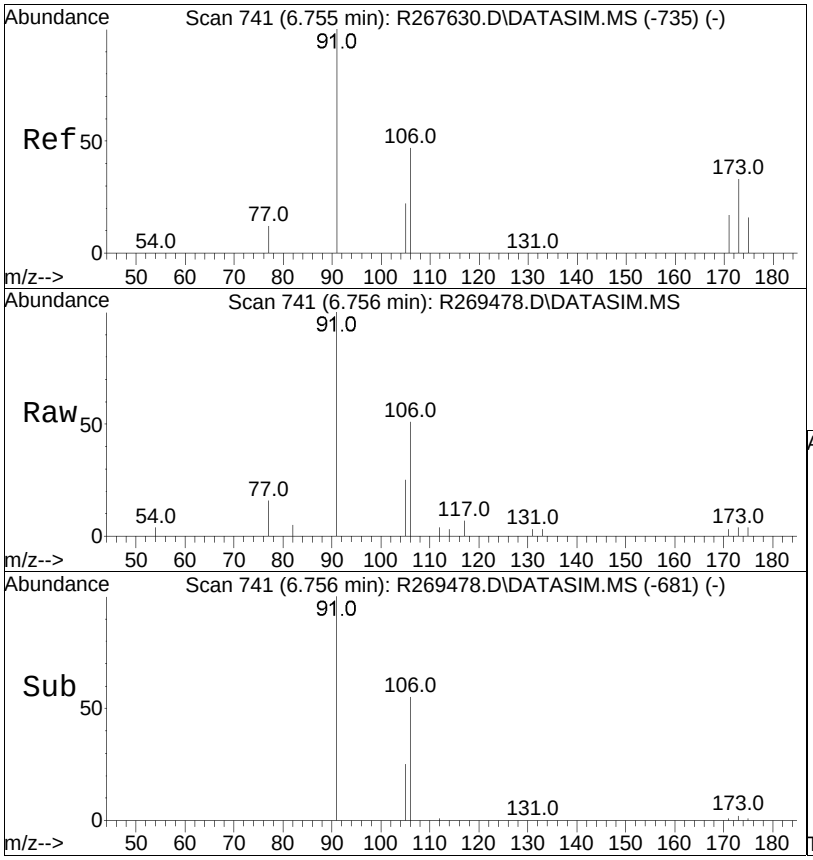


#57
tetrachloroethene
Concen: 0.03 ppbV
RT: 6.130 min Scan# 637
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion:166 Resp: 1237

Ion	Ratio	Lower	Upper
166	100		
131	72.8	57.7	86.5
94	40.2	31.4	47.0

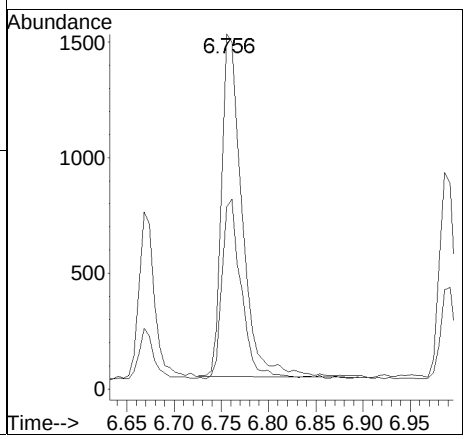


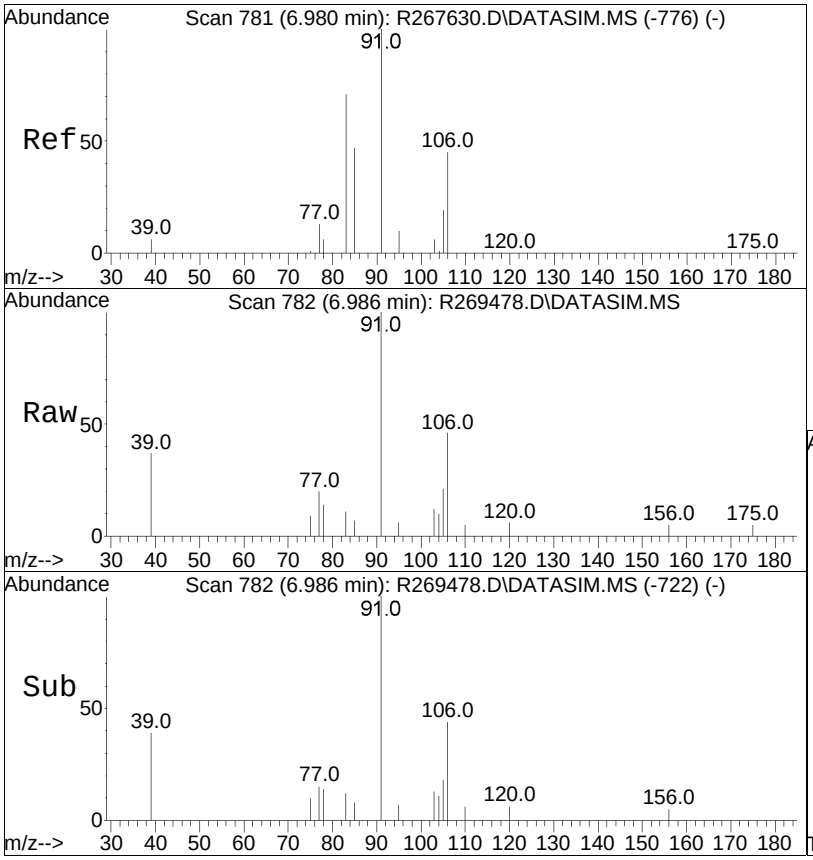


#61
m+p-xylene
Concen: 0.03 ppbV
RT: 6.756 min Scan# 741
Delta R.T. 0.000 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 91 Resp: 2262

Ion	Ratio	Lower	Upper
91	100		
106	48.1	38.7	58.1

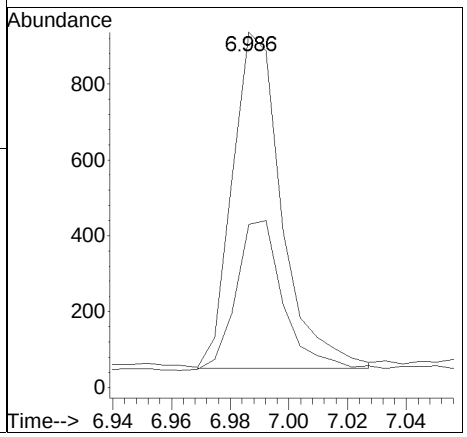


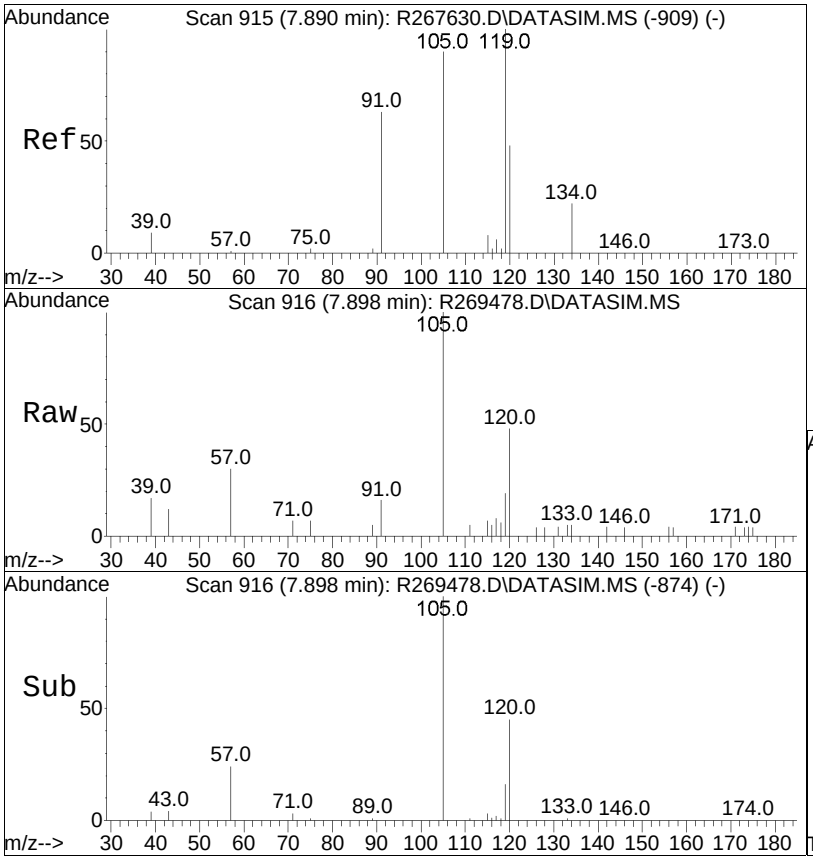


#65
o-xylene
Concen: 0.01 ppbV m
RT: 6.986 min Scan# 782
Delta R.T. 0.006 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion: 91 Resp: 1037

Ion	Ratio	Lower	Upper
91	100		
106	42.3	38.7	58.1

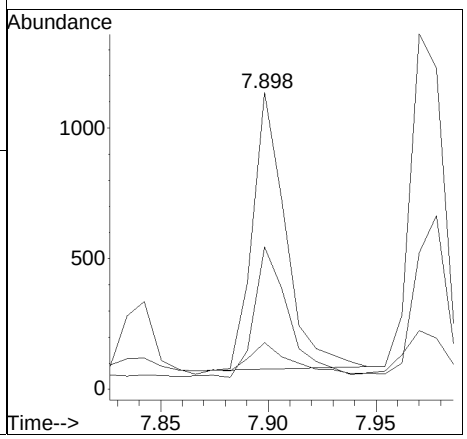




#73
1,2,4-trimethylbenzene
Concen: 0.01 ppbV
RT: 7.898 min Scan# 916
Delta R.T. 0.008 min
Lab File: R269478.D
Acq: 28 Mar 2026 11:52 pm

Tgt Ion:105 Resp: 1129

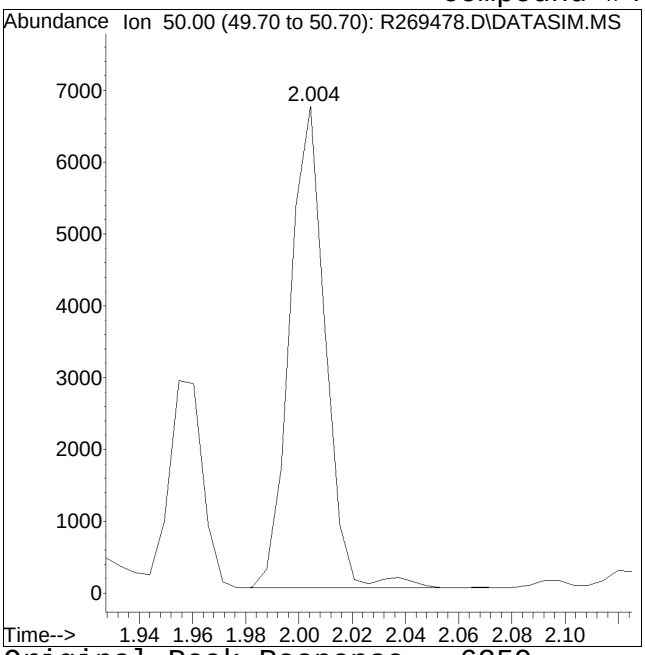
Ion	Ratio	Lower	Upper
105	100		
120	46.9	45.0	67.4
91	14.3	58.2	87.2#



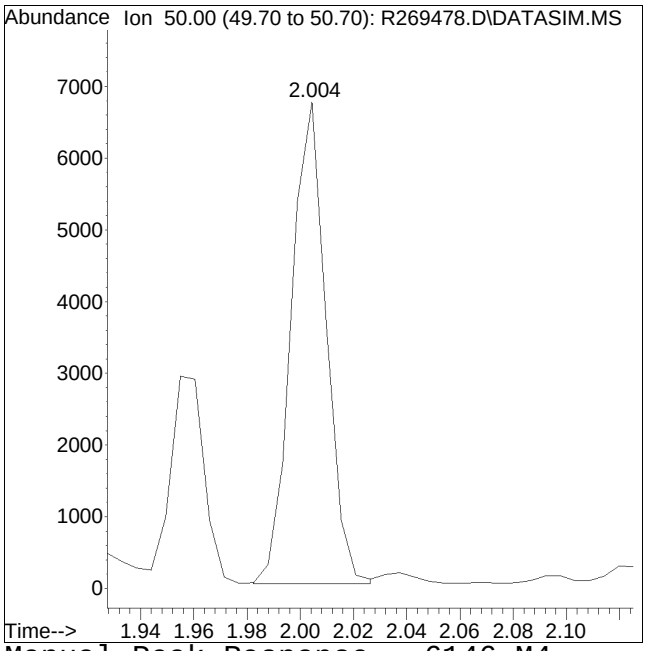
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #4: chloromethane



Original Peak Response = 6259



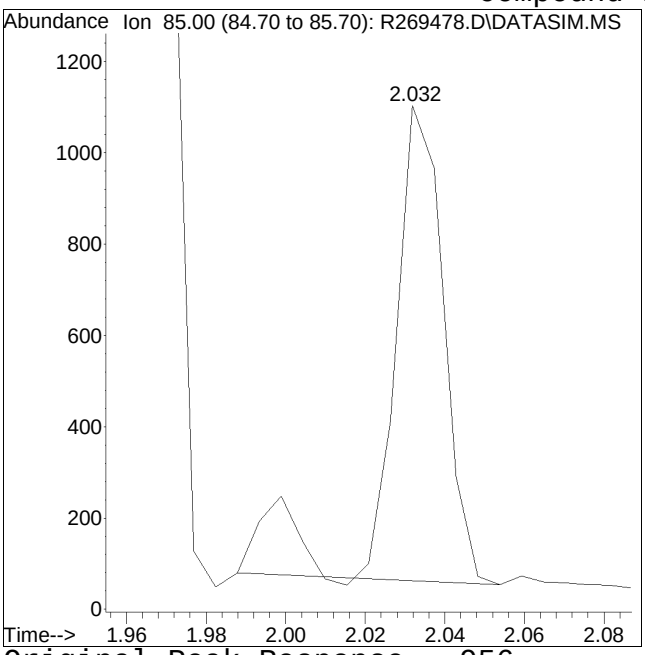
Manual Peak Response = 6146 M4

M4 = Poor automated baseline construction.

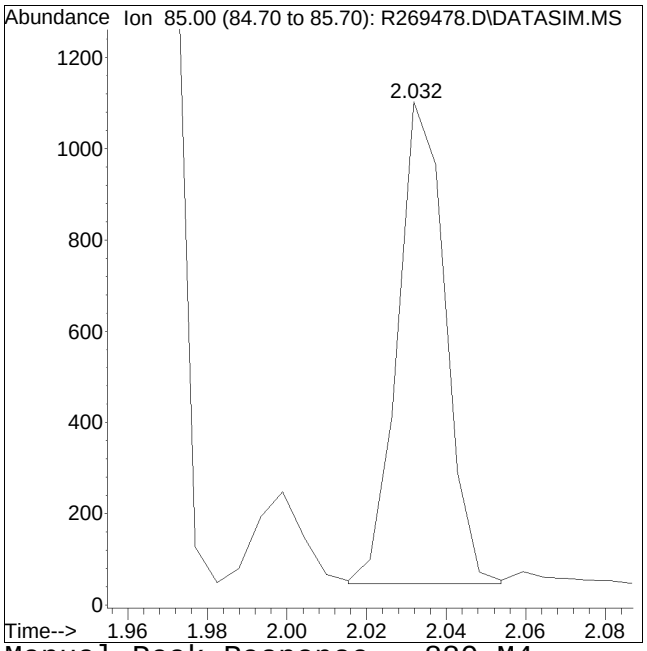
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #5: Freon-114



Original Peak Response = 956



Manual Peak Response = 880 M4

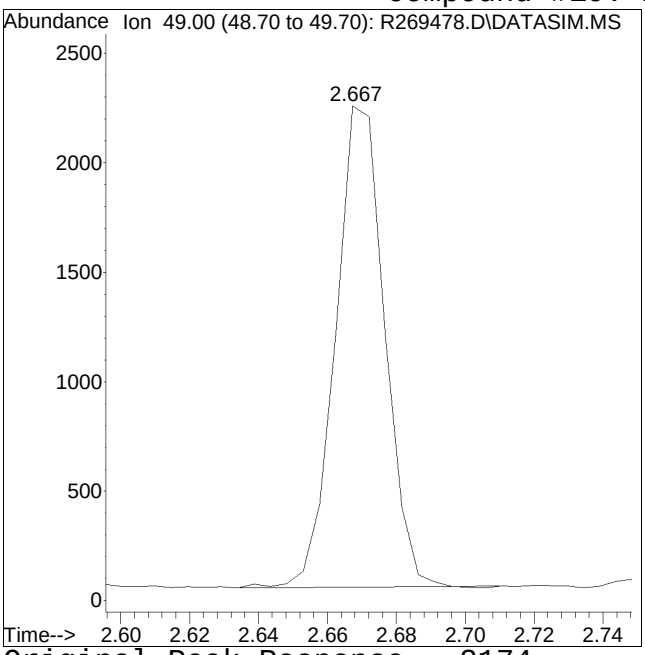
M4 = Poor automated baseline construction.

Manual Integration Report

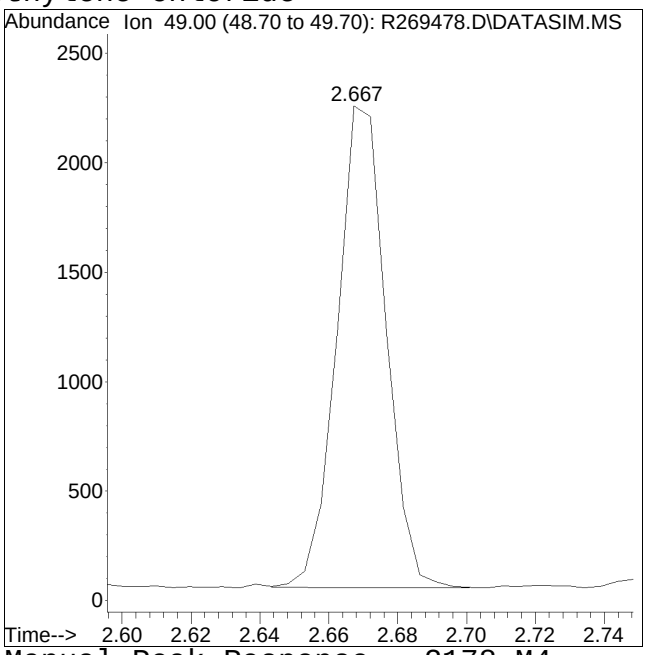
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R269478.D
Date Inj'd : 3/28/2026 11:52 pm
Sample : L2612589-12,3,250,250

Method : TSIM26_260107.M
Operator : AIRLAB26:SL
Instrument : Airlab26
Quant Date : 3/29/2026 9:28 am

Compound #19: methylene chloride



Original Peak Response = 2174



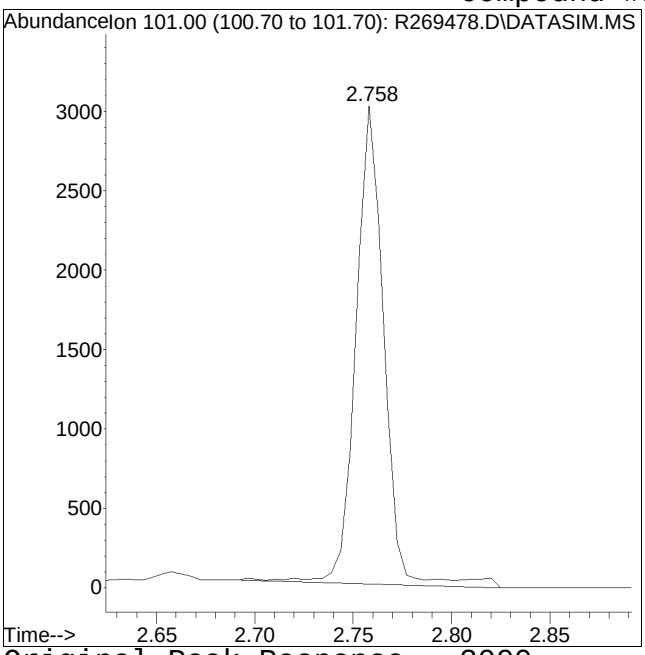
Manual Peak Response = 2178 M4

M4 = Poor automated baseline construction.

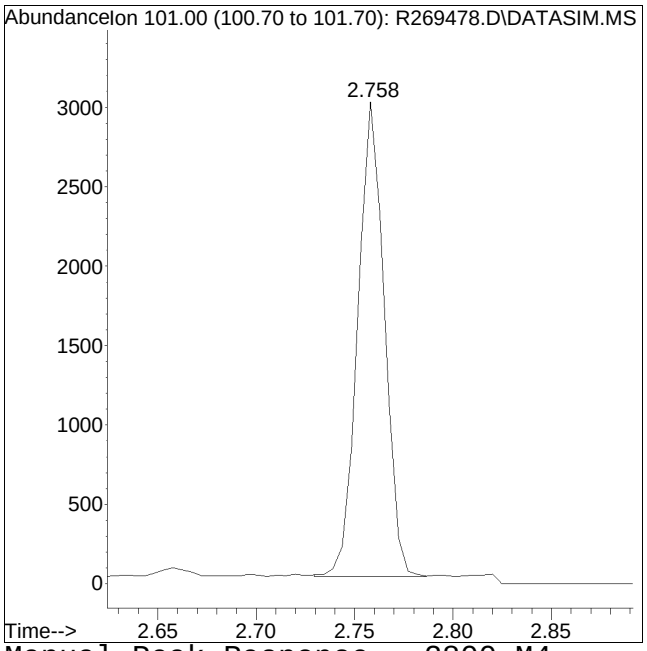
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #22: Freon 113



Original Peak Response = 3000



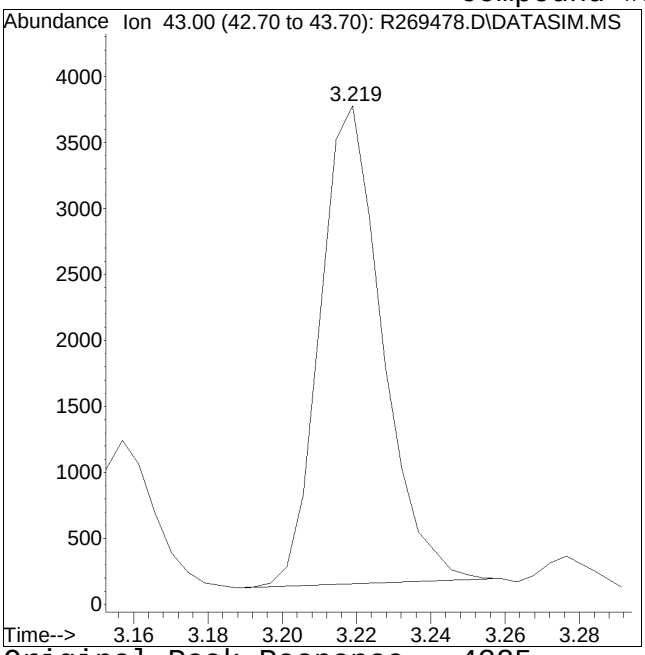
Manual Peak Response = 2800 M4

M4 = Poor automated baseline construction.

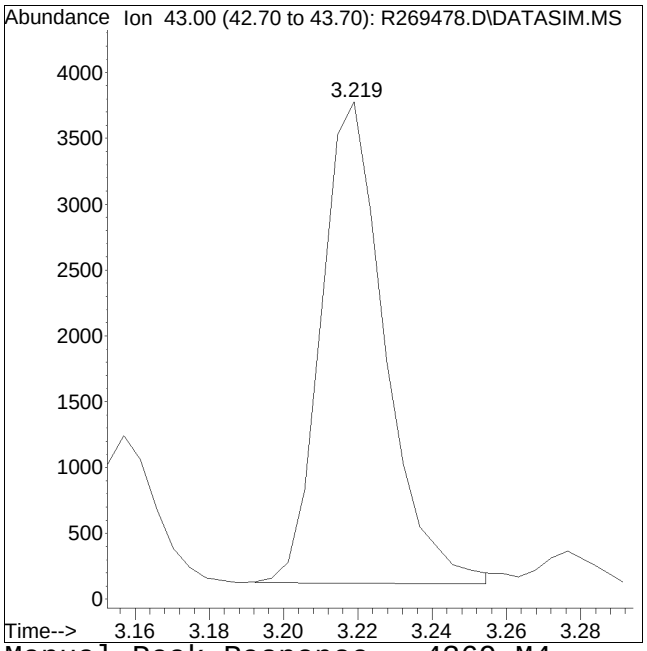
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #27: 2-butanone



Original Peak Response = 4225



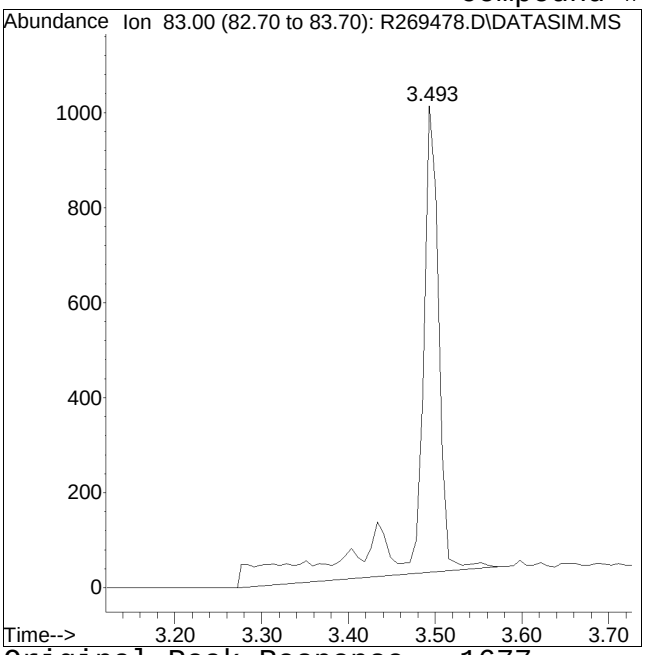
Manual Peak Response = 4369 M4

M4 = Poor automated baseline construction.

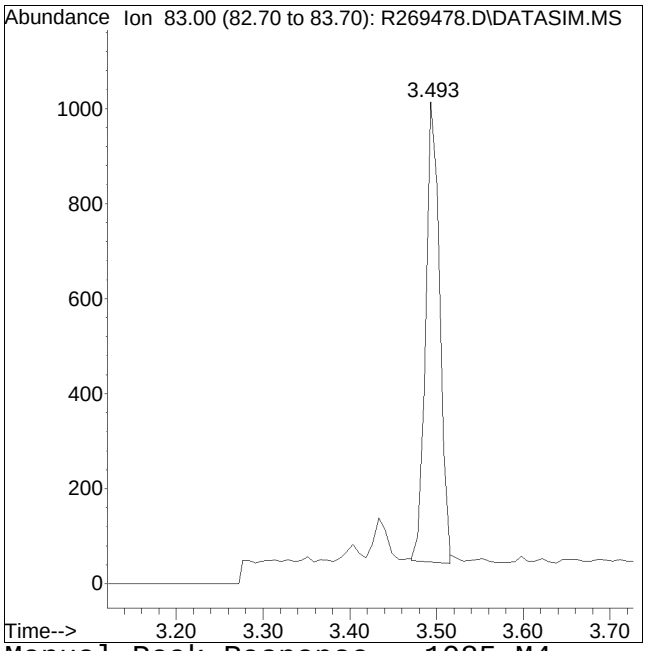
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #30: chloroform



Original Peak Response = 1677



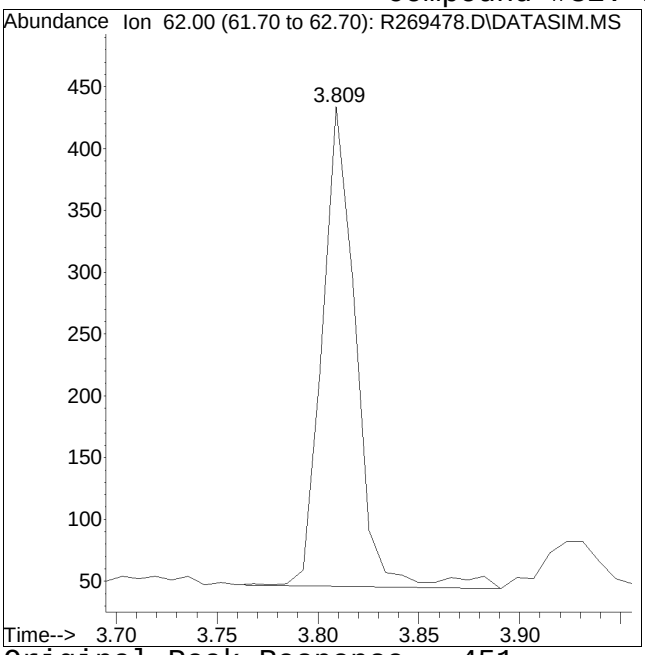
Manual Peak Response = 1085 M4

M4 = Poor automated baseline construction.

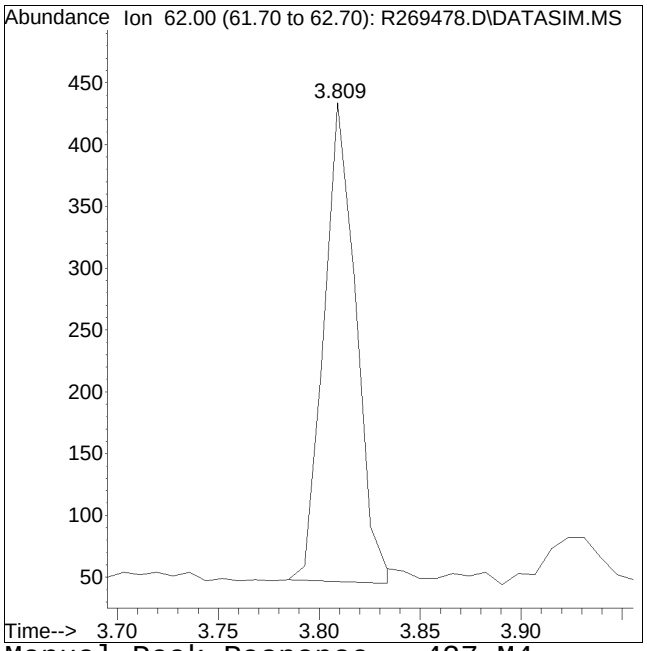
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #32: 1,2-dichloroethane



Original Peak Response = 451



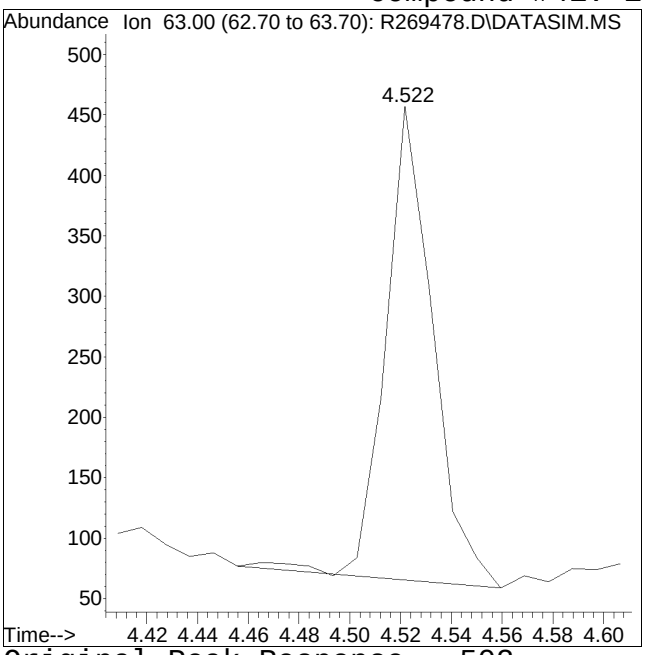
Manual Peak Response = 427 M4

M4 = Poor automated baseline construction.

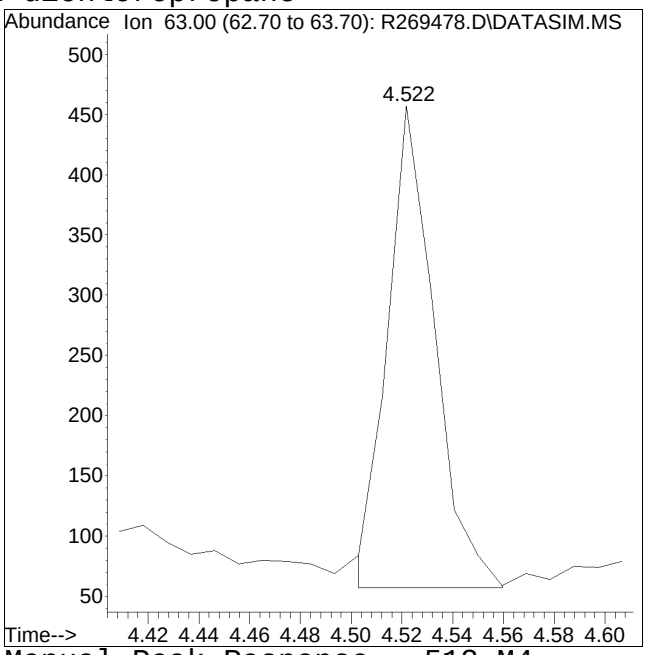
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #41: 1,2-dichloropropane



Original Peak Response = 502



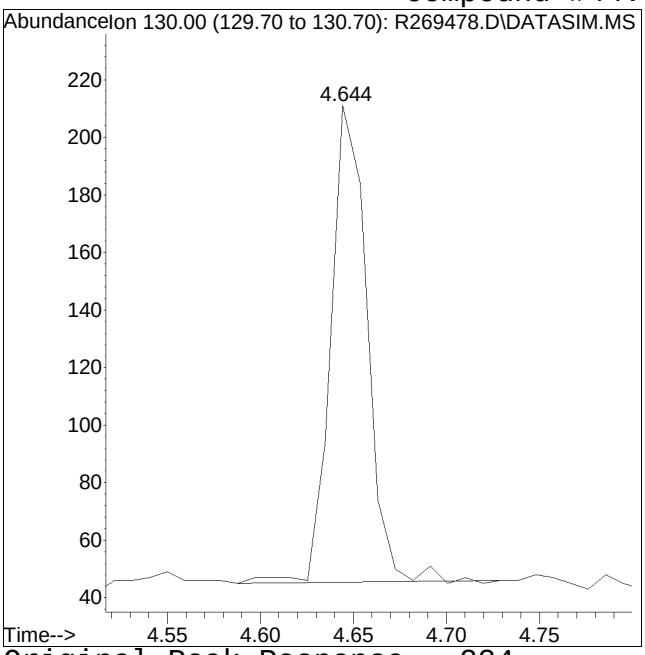
Manual Peak Response = 512 M4

M4 = Poor automated baseline construction.

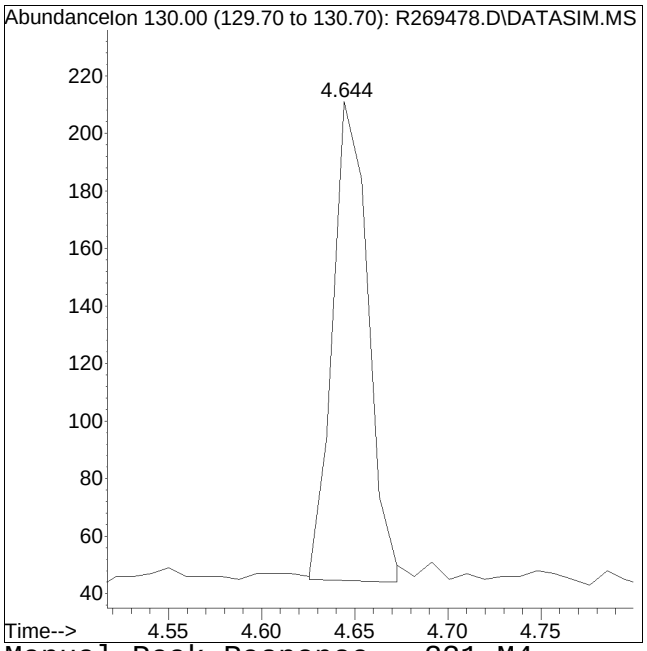
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #44: trichloroethene



Original Peak Response = 224



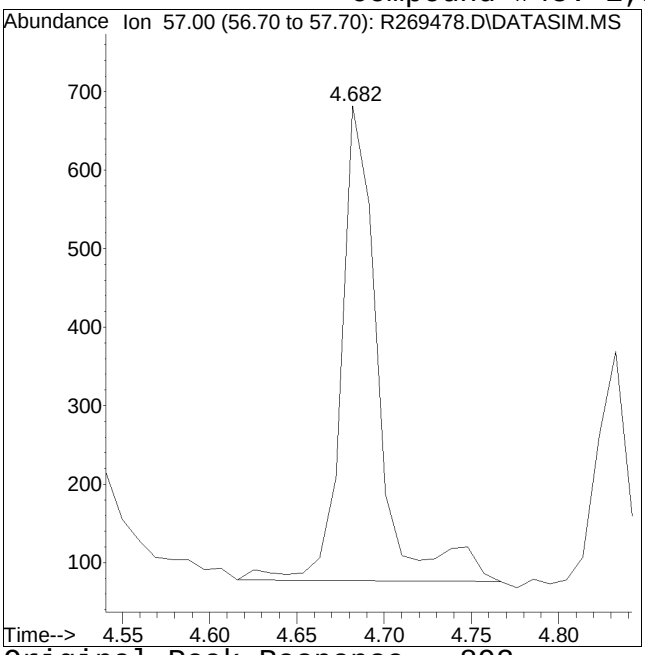
Manual Peak Response = 221 M4

M4 = Poor automated baseline construction.

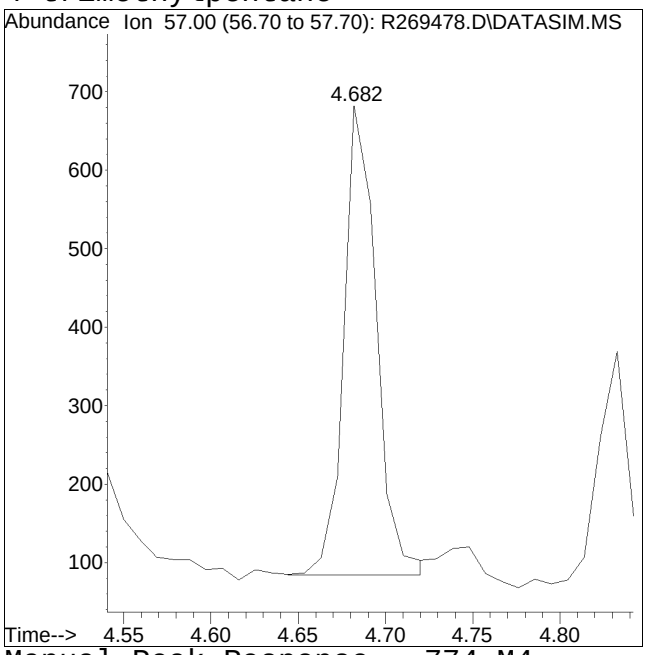
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #45: 2,2,4-trimethylpentane



Original Peak Response = 892



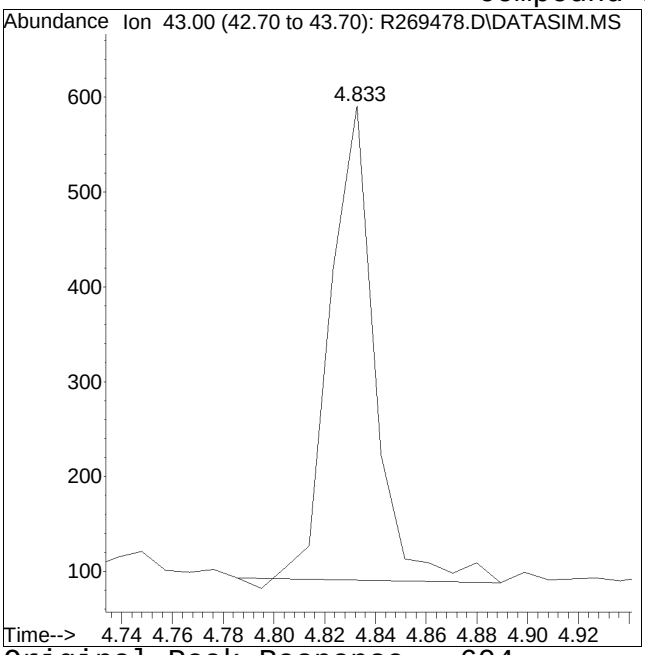
Manual Peak Response = 774 M4

M4 = Poor automated baseline construction.

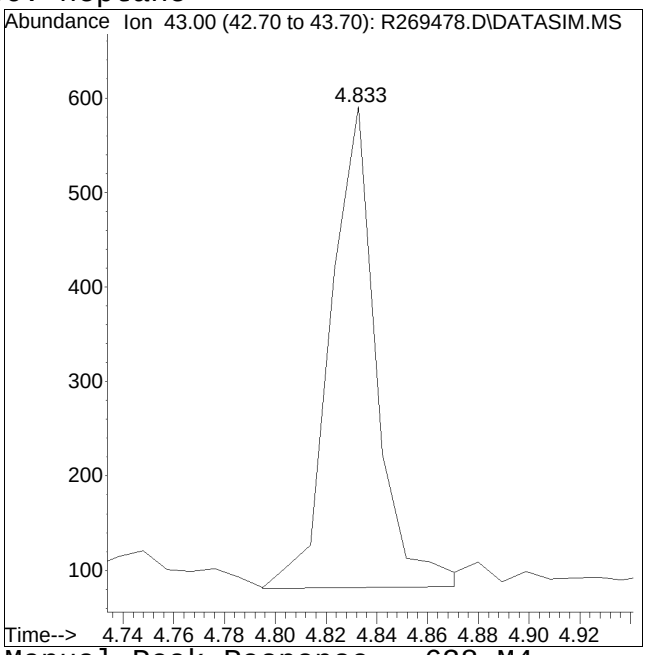
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #46: heptane



Original Peak Response = 604



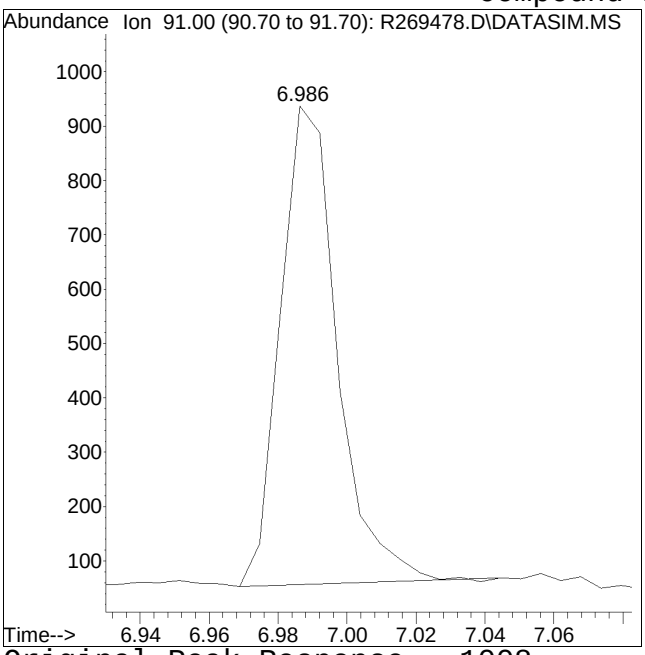
Manual Peak Response = 638 M4

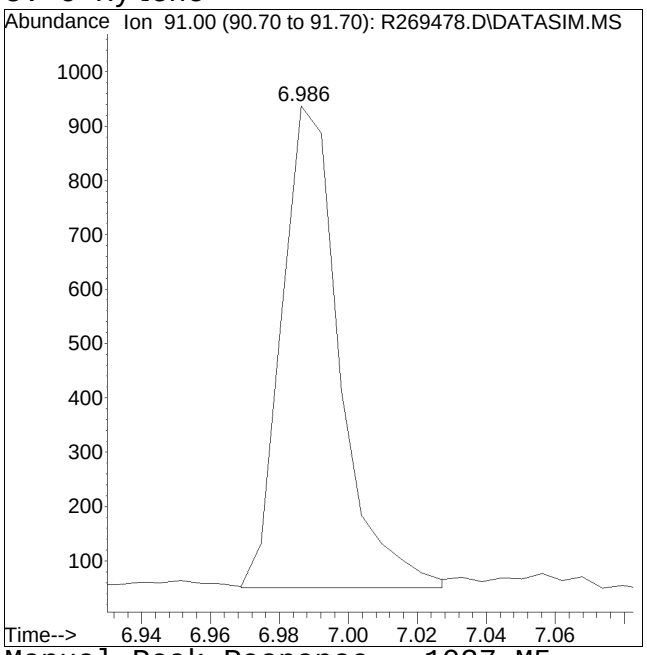
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269478.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 11:52 pm Instrument : Airlab26
Sample : L2612589-12,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #65: o-xylene





Original Peak Response = 1008 Manual Peak Response = 1037 M5
M5 = Manual integration over a retention time range required, i.e. for hydrocarbon range methods.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269479.D
Acq On : 29 Mar 2026 12:24 am
Operator : AIRLAB26:SL
Sample : L2612589-14,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 29 09:28:51 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	244746	10.000	ppbV	# 0.00
Standard Area = 234099			Recovery = 104.55%			
33) 1,4-difluorobenzene	4.324	114	689435	10.000	ppbV	# 0.00
Standard Area = 740785			Recovery = 93.07%			
51) chlorobenzene-D5	6.439	54	103239	10.000	ppbV	# 0.00
Standard Area = 104350			Recovery = 98.94%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) dichlorodifluoromethane	1.960	85	28857	0.570	ppbV	99
4) chloromethane	2.004	50	7621M4	0.435	ppbV	
5) Freon-114	2.032	85	884M4	0.016	ppbV	
6) vinyl chloride	2.065		0	N.D.		
8) bromomethane	2.185		0	N.D.		
9) chloroethane	2.235		0	N.D.		
10) ethanol	2.268	31	93791	10.994	ppbV	99
14) trichlorofluoromethane	2.460	101	9446M4	0.198	ppbV	
17) 1,1-dichloroethene	0.000		0	N.D.	d	
18) tertiary butyl alcohol	0.000		0	N.D.	d	
19) methylene chloride	2.672	49	2995	0.156	ppbV	94
22) Freon 113	2.758	101	2827M4	0.066	ppbV	
23) trans-1,2-dichloroethene	2.975	61	377M4	0.015	ppbV	
24) 1,1-dichloroethane	0.000		0	N.D.	d	
25) MTBE	0.000		0	N.D.	d	
27) 2-butanone	3.214	43	6460M4	0.161	ppbV	
28) cis-1,2-dichloroethene	3.373	61	3723	0.128	ppbV	96
30) chloroform	3.493	83	1039	0.023	ppbV #	100
32) 1,2-dichloroethane	3.809	62	554	0.022	ppbV #	85
34) hexane	3.478	57	31914	1.187	ppbV #	100
36) 1,1,1-trichloroethane	3.931		0	N.D.		
37) benzene	4.135	78	5296	0.088	ppbV #	100
38) carbon tetrachloride	4.201	117	2567	0.074	ppbV #	39
39) cyclohexane	0.000		0	N.D.	d	
41) 1,2-dichloropropane	4.522	63	413M4	0.019	ppbV	
42) bromodichloromethane	4.616		0	N.D.		
43) 1,4-dioxane	0.000		0	N.D.	d	
44) trichloroethene	4.644	130	3027	0.105	ppbV #	47

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269479.D
Acq On : 29 Mar 2026 12:24 am
Operator : AIRLAB26:SL
Sample : L2612589-14,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 29 09:28:51 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

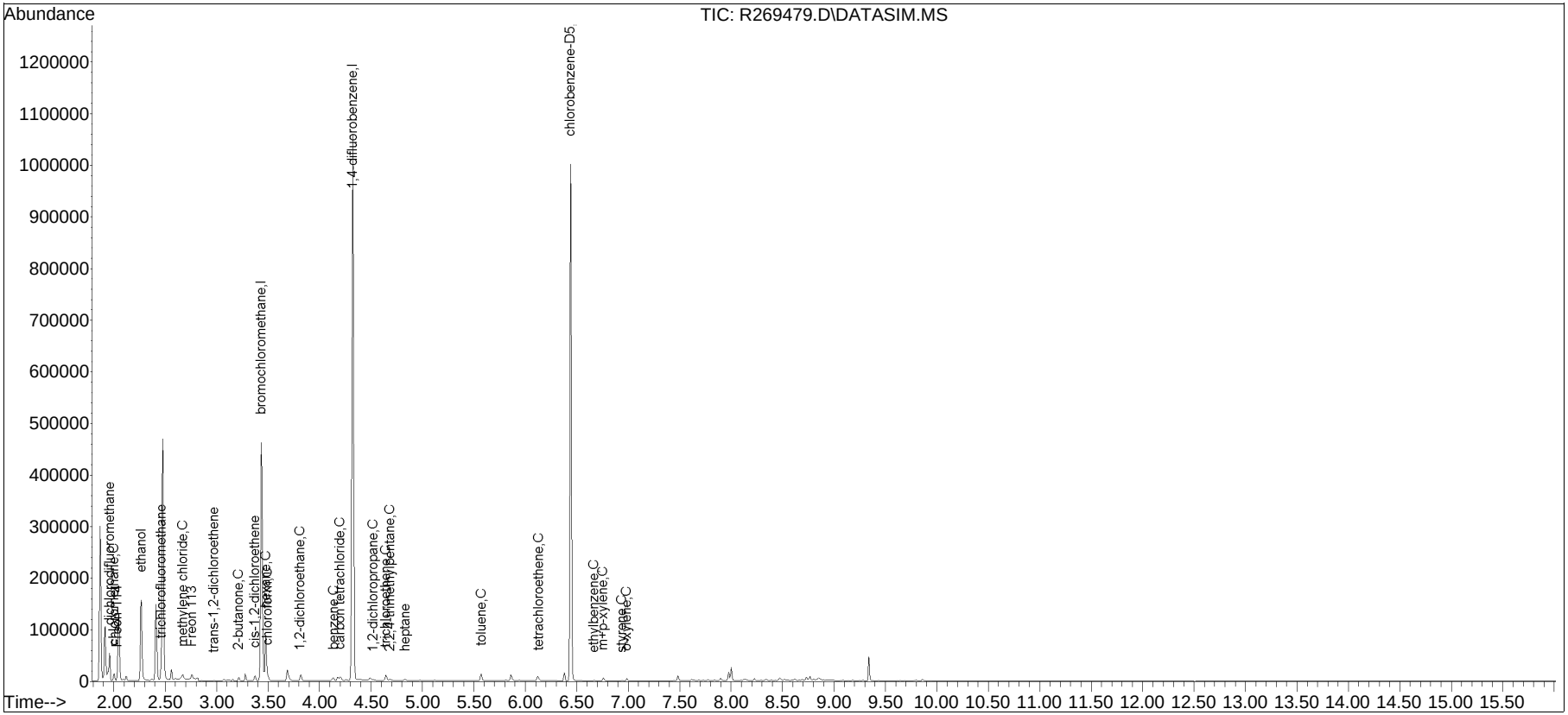
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2,2,4-trimethylpentane	4.682	57	1375M4	0.018	ppbV	
46) heptane	4.833	43	901M4	0.035	ppbV	
47) cis-1,3-dichloropropene	0.000		0	N.D.		
48) 4-methyl-2-pentanone	0.000		0	N.D.	d	
49) trans-1,3-dichloropropene	0.000		0	N.D.		
50) 1,1,2-trichloroethane	0.000		0	N.D.		
52) toluene	5.571	91	8340	0.106	ppbV	100
55) dibromochloromethane	5.763		0	N.D.		
56) 1,2-dibromoethane	0.000		0	N.D.		
57) tetrachloroethene	6.130	166	957	0.026	ppbV #	88
59) chlorobenzene	6.461		0	N.D.		
60) ethylbenzene	6.668	91	1563	0.016	ppbV	98
61) m+p-xylene	6.755	91	4349	0.055	ppbV	97
62) bromoform	6.761		0	N.D.		
63) styrene	6.940	104	612M4	0.011	ppbV	
64) 1,1,2,2-tetrachloroethane	6.975		0	N.D.		
65) o-xylene	6.986	91	2248	0.029	ppbV	99
71) 1,3,5-trimethylbenzene	7.682		0	N.D.		
73) 1,2,4-trimethylbenzene	7.978		0	N.D.		
74) Benzyl Chloride	7.970		0	N.D.		
75) 1,3-dichlorobenzene	7.978		0	N.D.		
76) 1,4-dichlorobenzene	8.002		0	N.D.		
79) 1,2-dichlorobenzene	8.185		0	N.D.		
82) 1,2,4-trichlorobenzene	9.051		0	N.D.		
83) naphthalene	9.249		0	N.D.		
85) hexachlorobutadiene	0.000		0	N.D.		

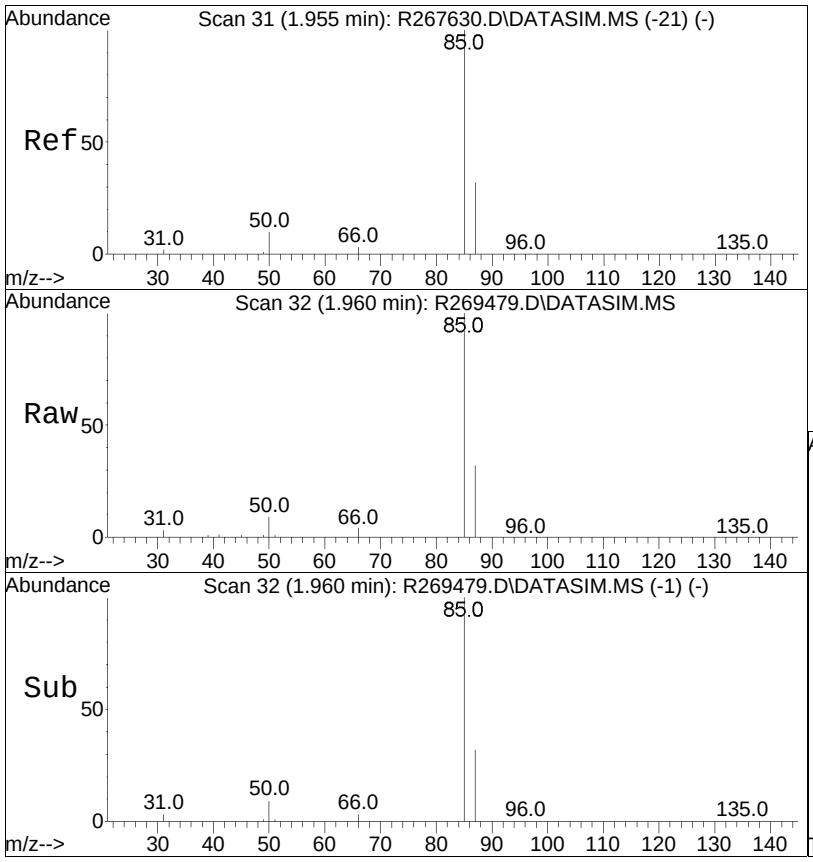
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab26\2026\03\0328SIM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269479.D
Acq On : 29 Mar 2026 12:24 am
Operator : AIRLAB26:SL
Sample : L2612589-14,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 29 09:28:51 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

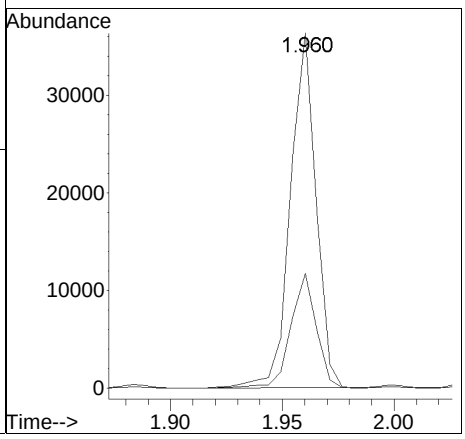


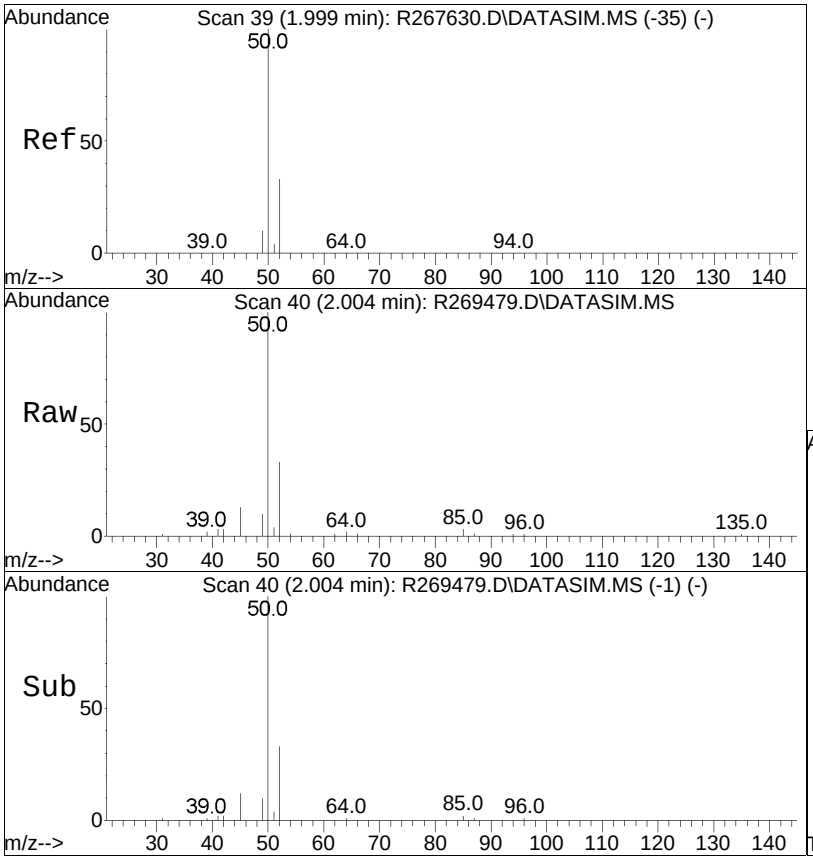


#3
dichlorodifluoromethane
Concen: 0.57 ppbV
RT: 1.960 min Scan# 32
Delta R.T. 0.005 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 85 Resp: 28857

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.2	39.4

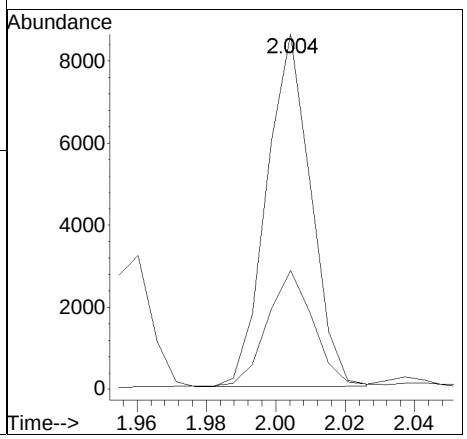


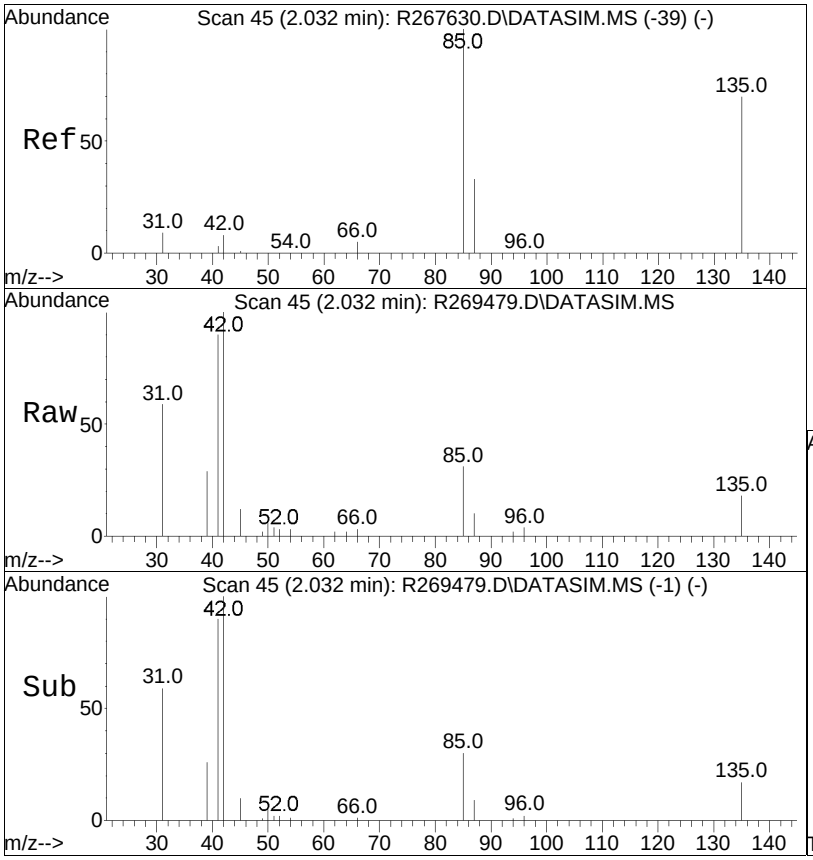


#4
chloromethane
Concen: 0.43 ppbV m
RT: 2.004 min Scan# 40
Delta R.T. 0.005 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 50 Resp: 7621

Ion	Ratio	Lower	Upper
50	100		
52	1.4	22.2	33.4#

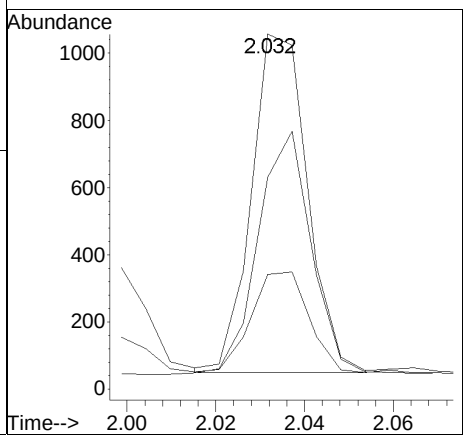


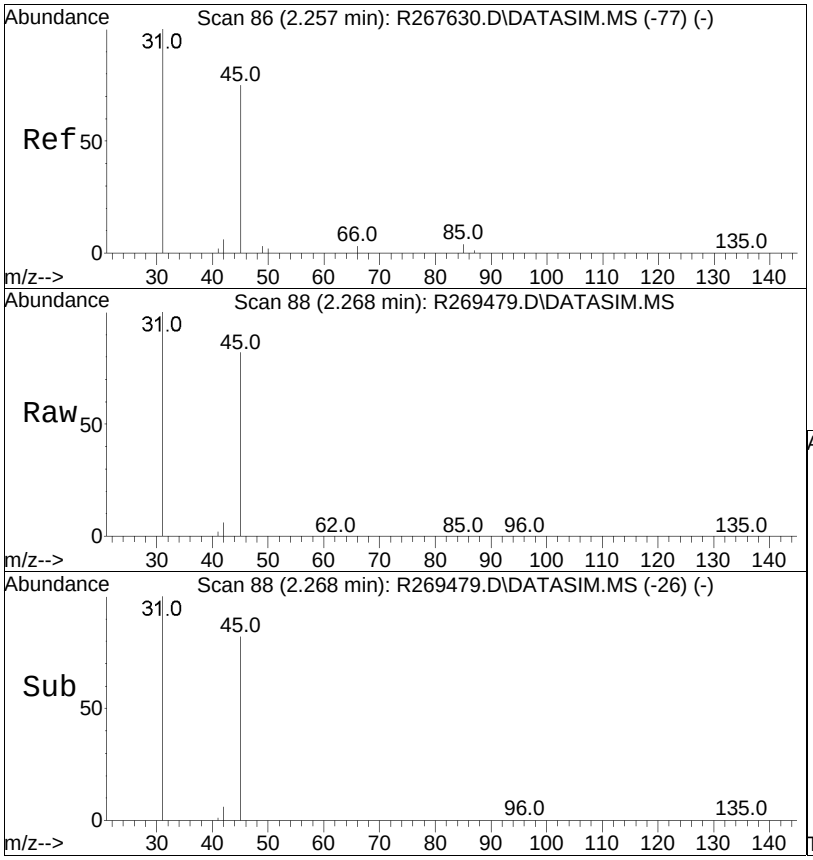


#5
Freon-114
Concen: 0.02 ppbV m
RT: 2.032 min Scan# 45
Delta R.T. 0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 85 Resp: 884

Ion	Ratio	Lower	Upper
85	100		
87	38.5	26.2	39.2
135	68.0	55.9	83.9

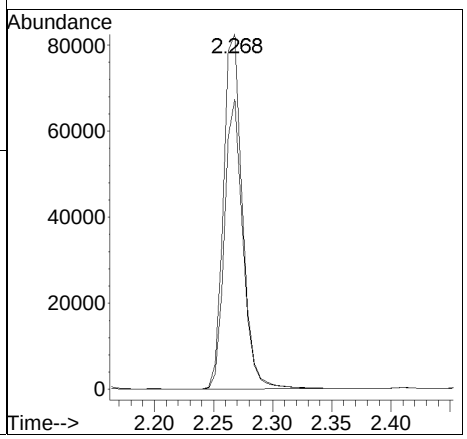


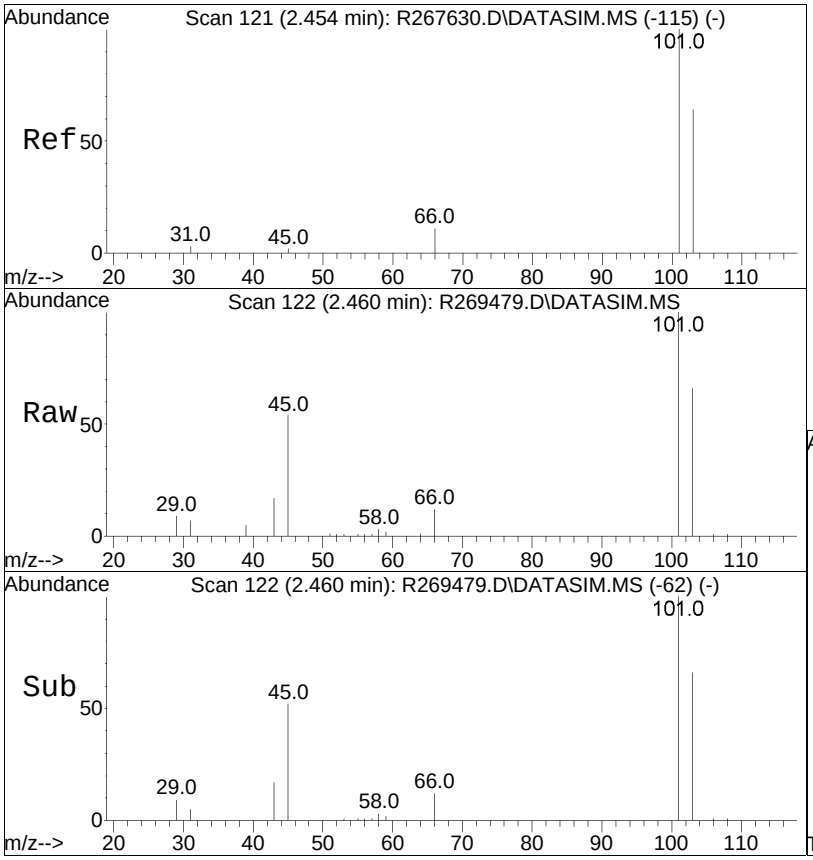


#10
ethanol
Concen: 10.99 ppbV
RT: 2.268 min Scan# 88
Delta R.T. 0.011 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 31 Resp: 93791

Ion	Ratio	Lower	Upper
31	100		
45	79.3	63.0	94.4

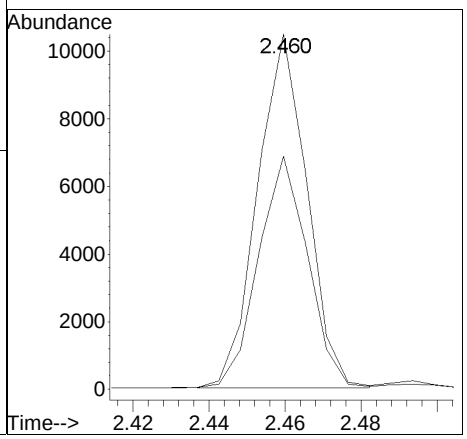


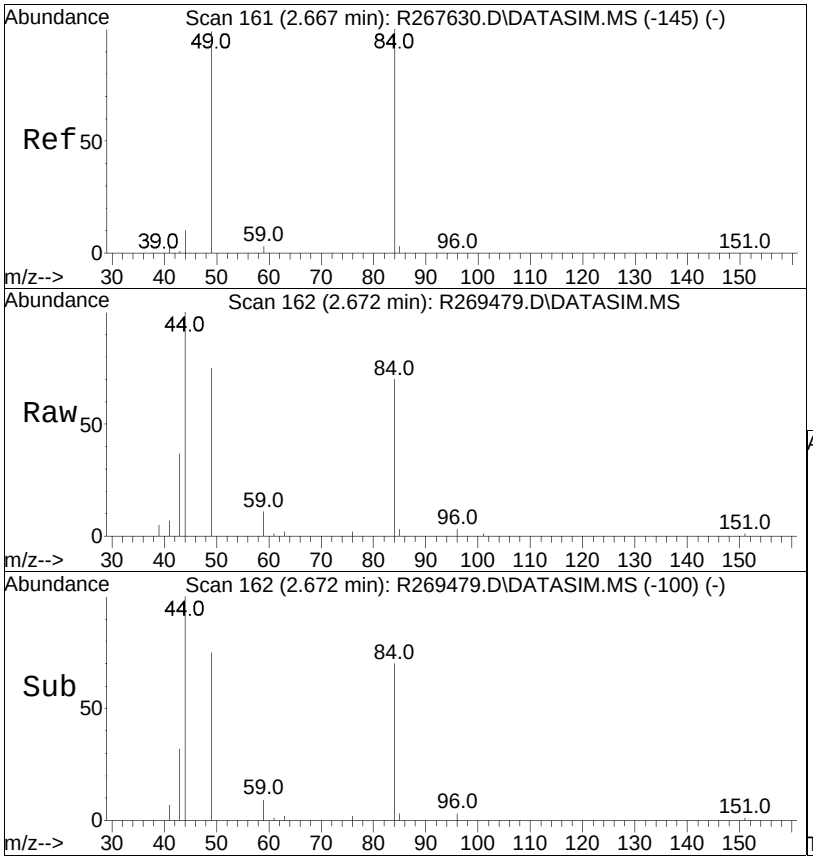


#14
trichlorofluoromethane
Concen: 0.20 ppbV m
RT: 2.460 min Scan# 122
Delta R.T. 0.006 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion:101 Resp: 9446

Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.9	77.9

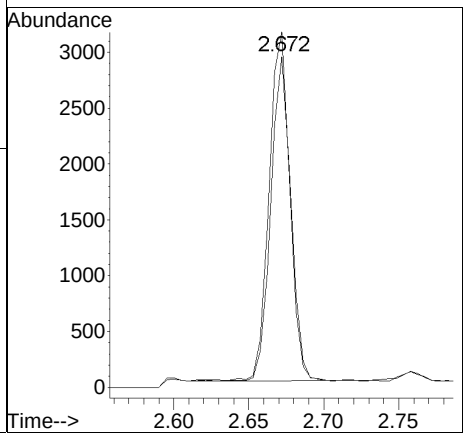


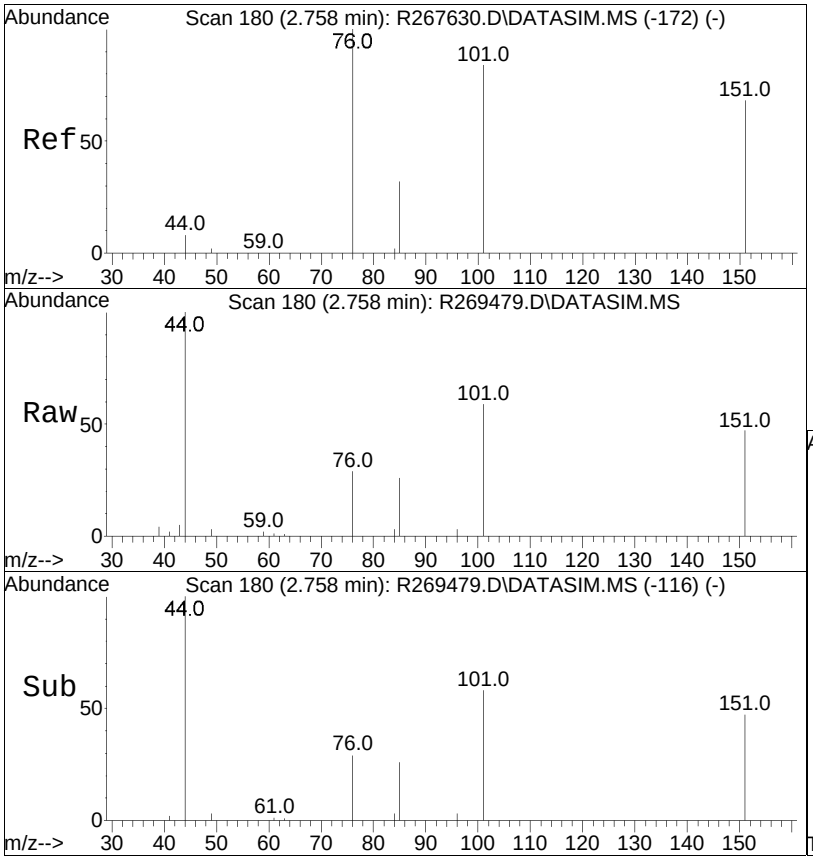


#19
methylene chloride
Concen: 0.16 ppbV
RT: 2.672 min Scan# 162
Delta R.T. 0.005 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 49 Resp: 2995

Ion	Ratio	Lower	Upper
49	100		
84	90.3	77.0	115.4

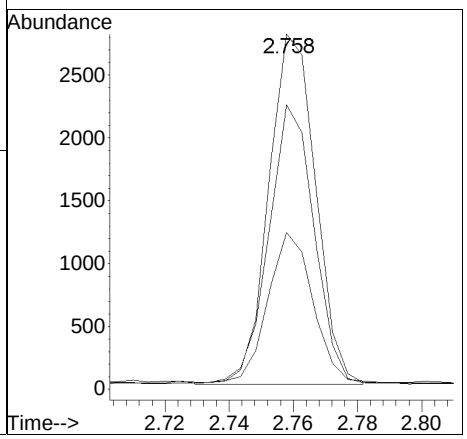


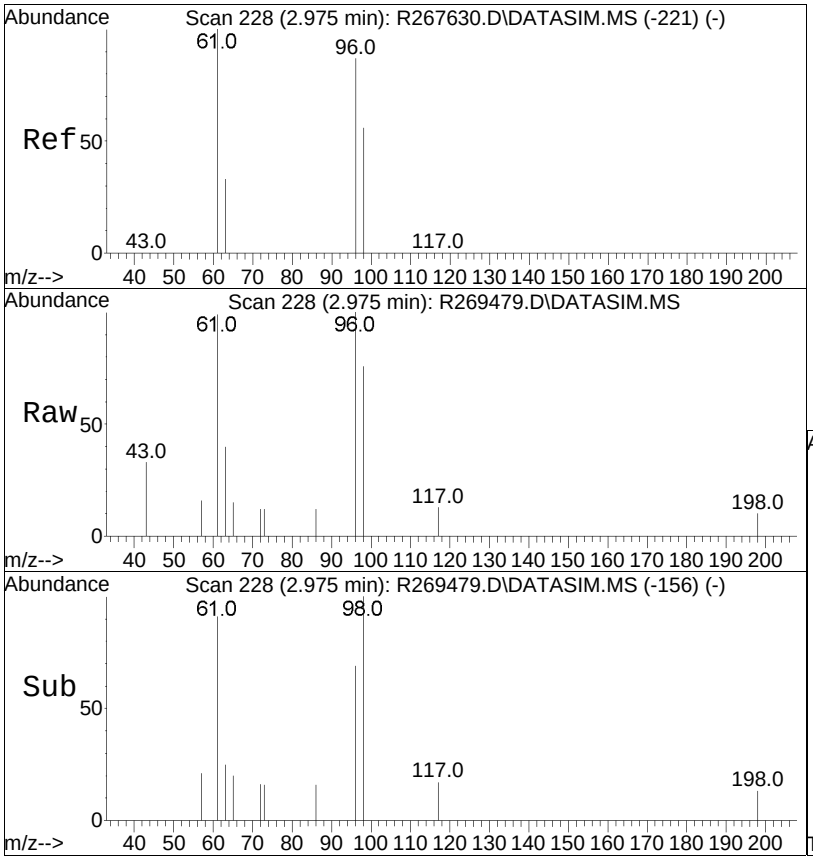


#22
Freon 113
Concen: 0.07 ppbV m
RT: 2.758 min Scan# 180
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion:101 Resp: 2827

Ion	Ratio	Lower	Upper
101	100		
85	45.7	31.4	47.0
151	81.7	64.1	96.1

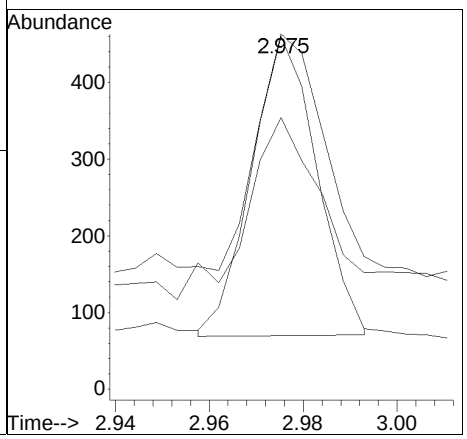


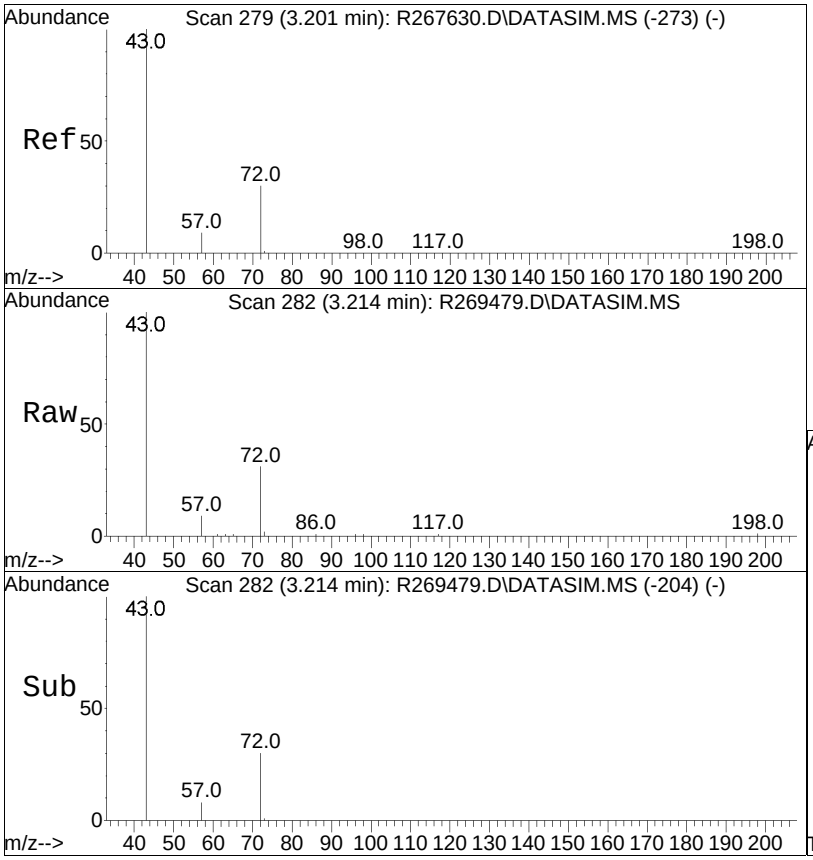


#23
trans-1,2-dichloroethene
Concen: 0.01 ppbV m
RT: 2.975 min Scan# 228
Delta R.T. 0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 61 Resp: 377

Ion	Ratio	Lower	Upper
61	100		
96	87.8	67.0	100.6
98	67.6	42.9	64.3#

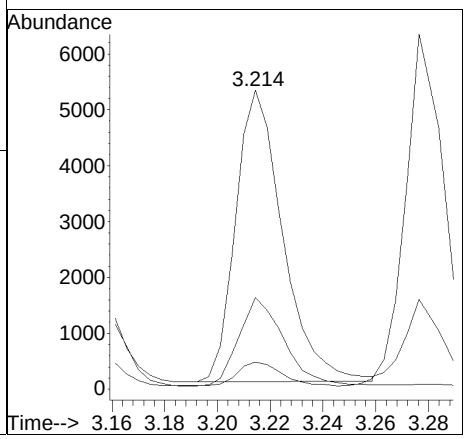


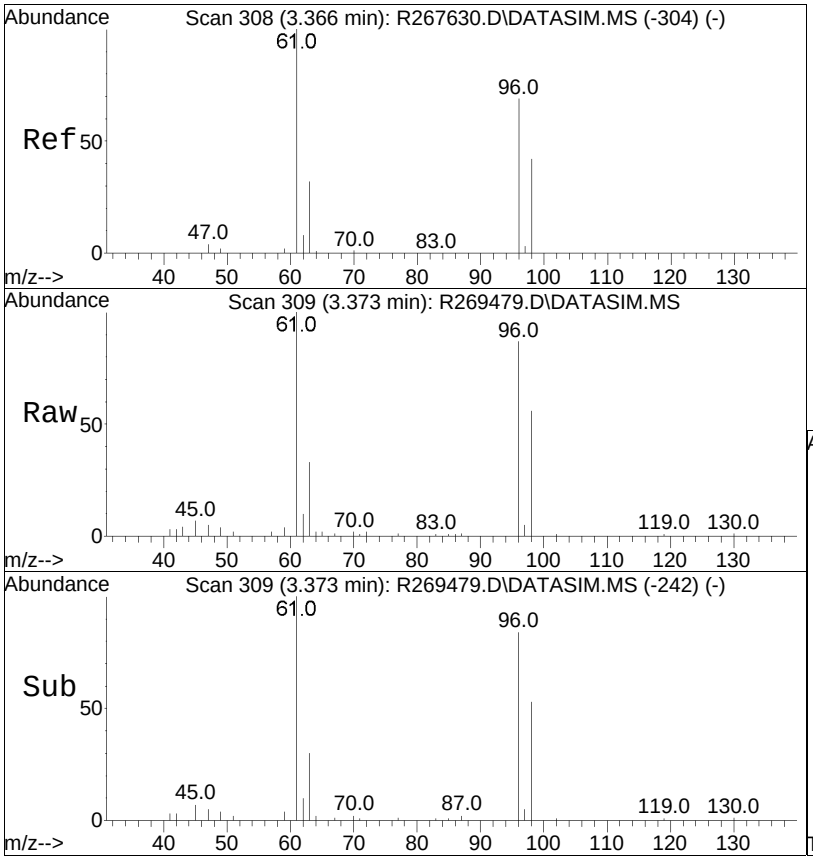


#27
2-butanone
Concen: 0.16 ppbV m
RT: 3.214 min Scan# 282
Delta R.T. 0.013 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 43 Resp: 6460

Ion	Ratio	Lower	Upper
43	100		
72	34.1	23.2	34.8
57	7.4	5.8	8.8

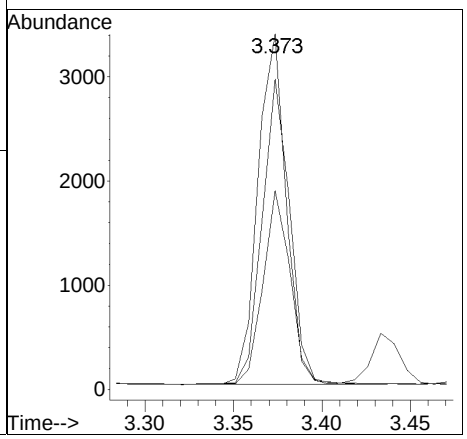


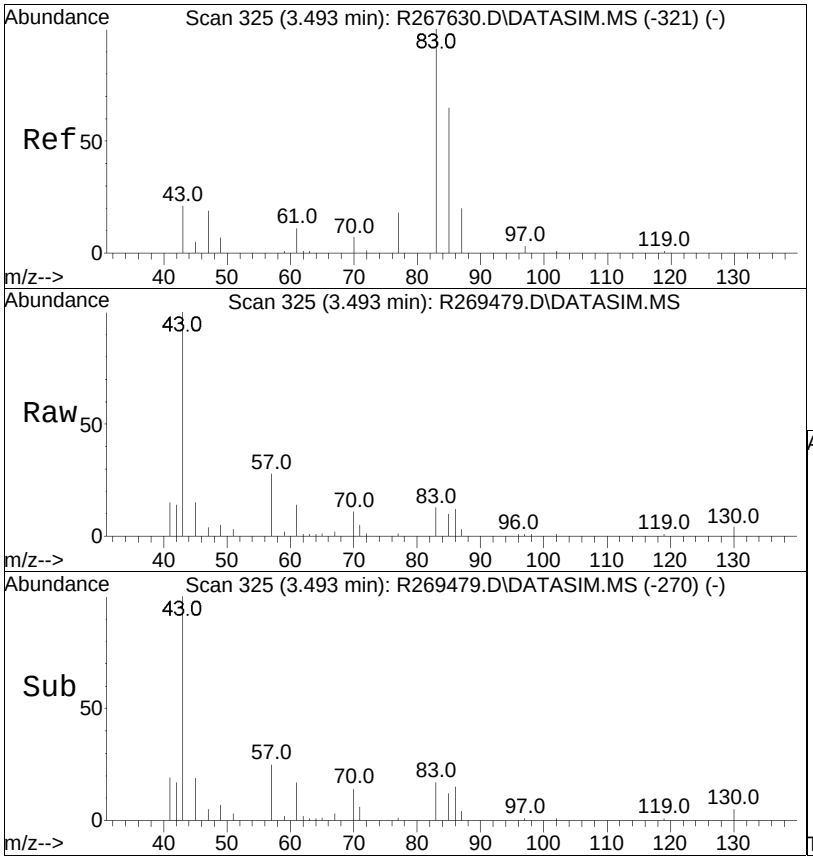


#28
cis-1,2-dichloroethene
Concen: 0.13 ppbV
RT: 3.373 min Scan# 309
Delta R.T. 0.007 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 61 Resp: 3723

Ion	Ratio	Lower	Upper
61	100		
96	84.4	70.8	106.2
98	53.6	44.9	67.3

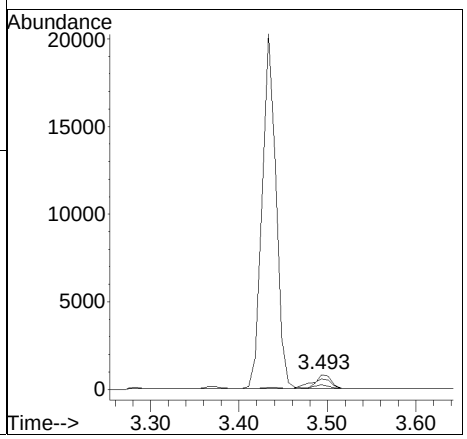


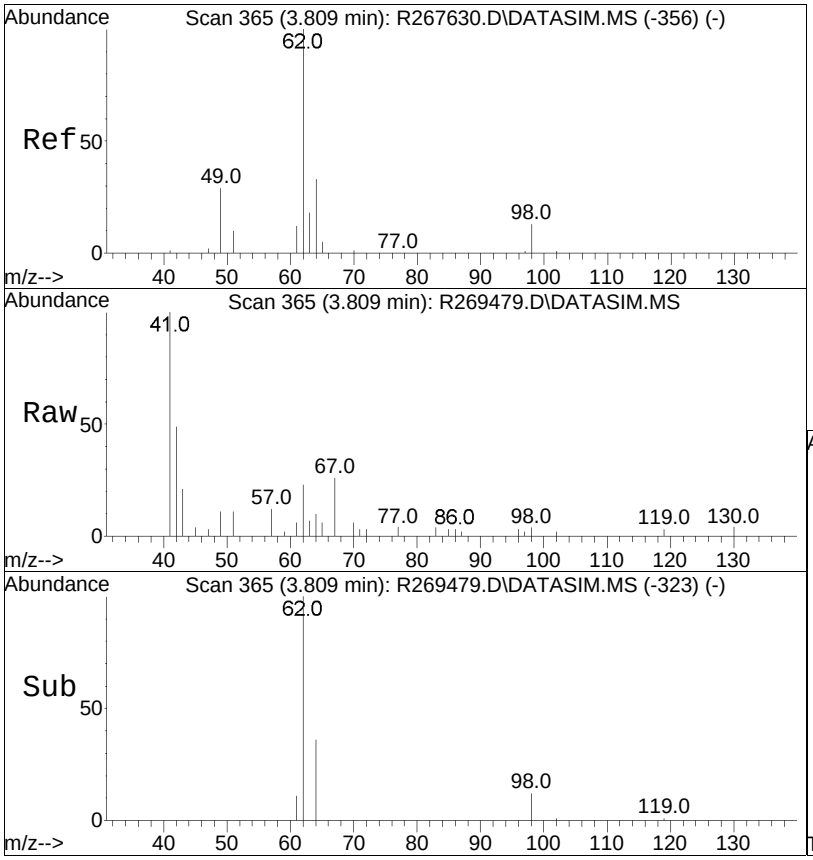


#30
chloroform
Concen: 0.02 ppbV
RT: 3.493 min Scan# 325
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 83 Resp: 1039

Ion	Ratio	Lower	Upper
83	100		
85	93.6	0.0	0.0#
47	2137.8	0.0	0.0#

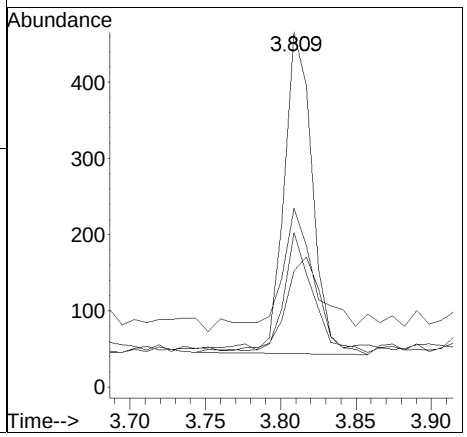


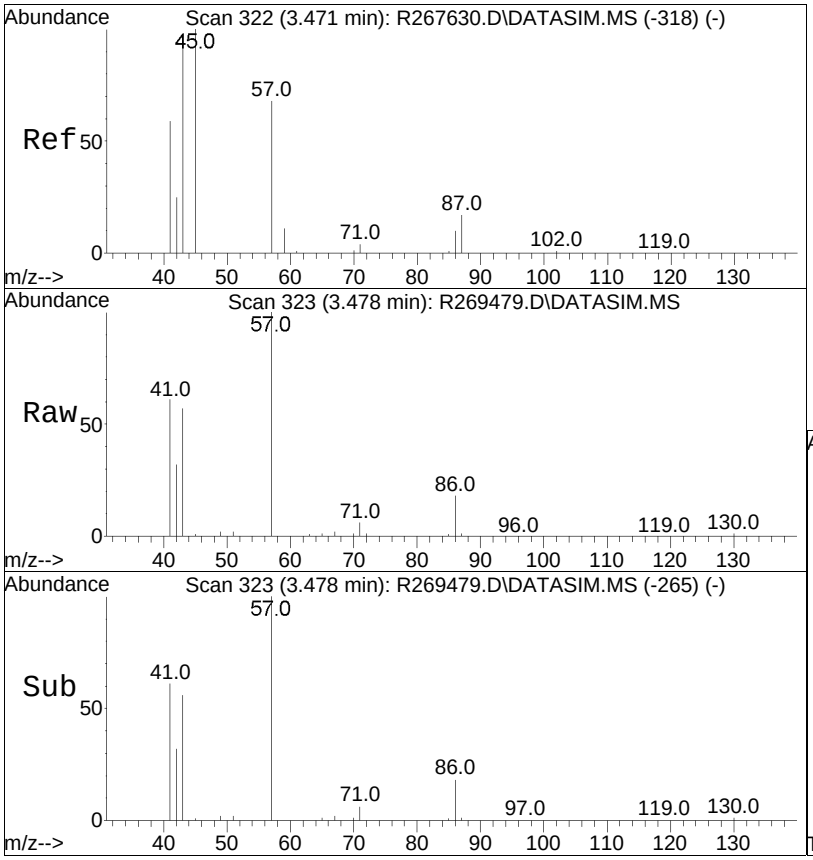


#32
1,2-dichloroethane
Concen: 0.02 ppbV
RT: 3.809 min Scan# 365
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 62 Resp: 554

Ion	Ratio	Lower	Upper
62	100		
64	40.1	27.4	41.0
49	35.6	27.7	41.5
63	38.4	13.0	19.4#

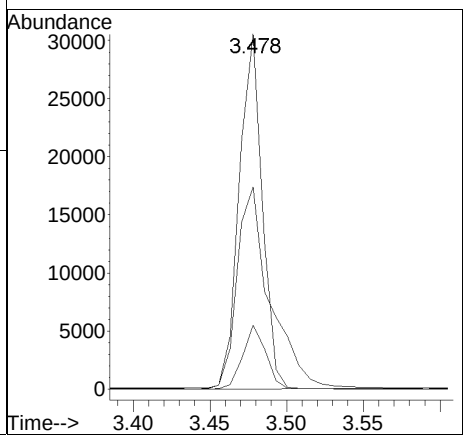


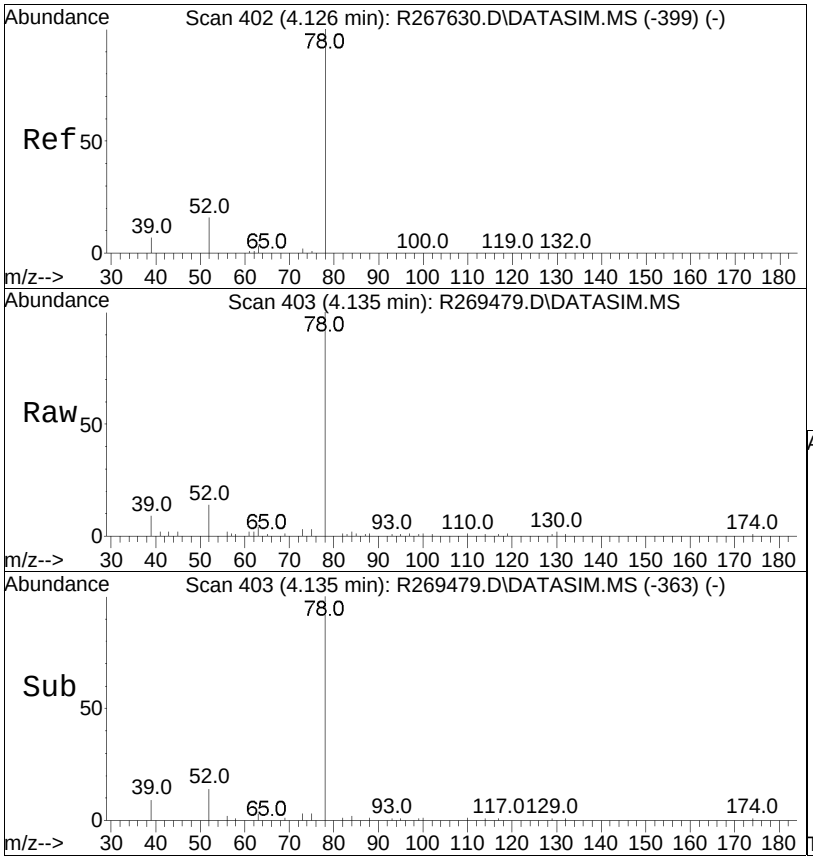


#34
hexane
Concen: 1.19 ppbV
RT: 3.478 min Scan# 323
Delta R.T. 0.007 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 57 Resp: 31914

Ion	Ratio	Lower	Upper
57	100		
43	81.2	0.0	0.0#
86	17.9	0.0	0.0#

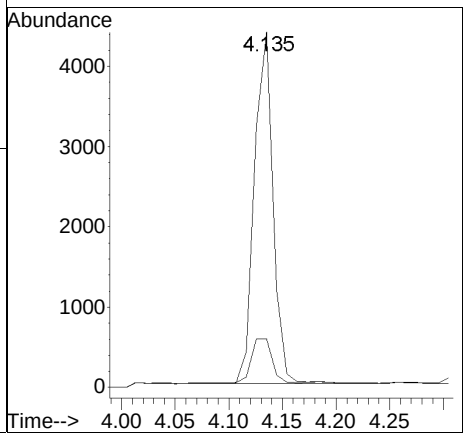


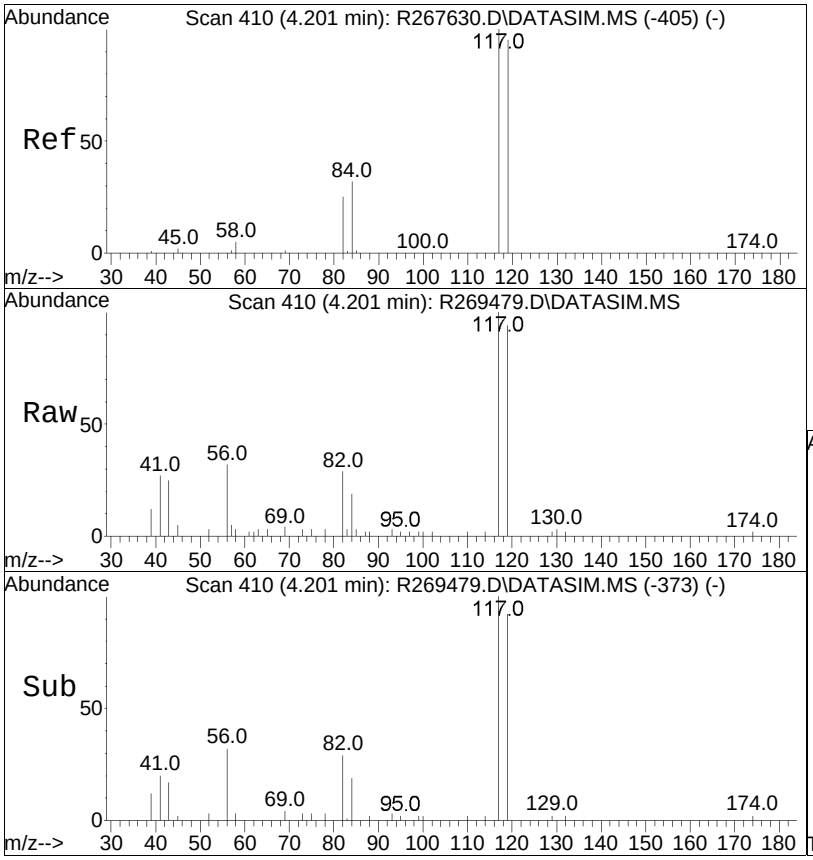


#37
benzene
Concen: 0.09 ppbV
RT: 4.135 min Scan# 403
Delta R.T. 0.009 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 78 Resp: 5296

Ion	Ratio	Lower	Upper
78	100		
52	15.2	0.0	0.0#

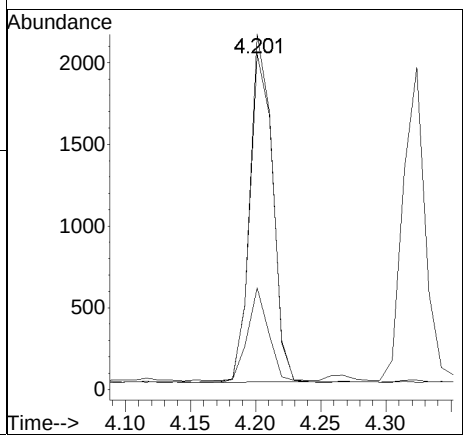


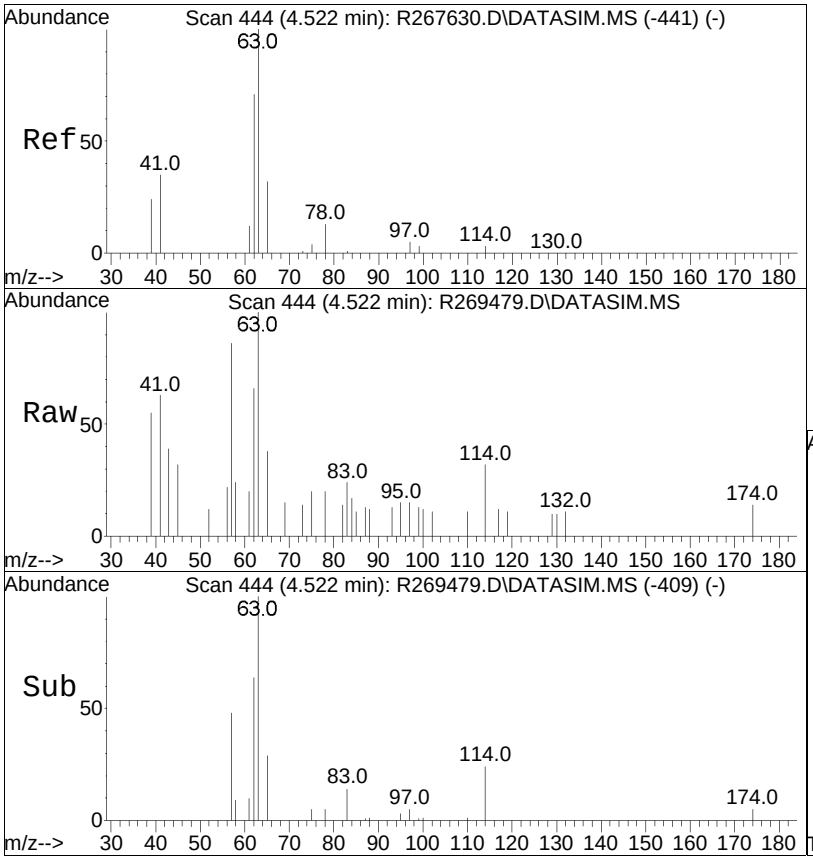


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 4.201 min Scan# 410
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion:117 Resp: 2567

Ion	Ratio	Lower	Upper
117	100		
119	96.9	0.0	0.0#
82	23.7	2.7	4.1#

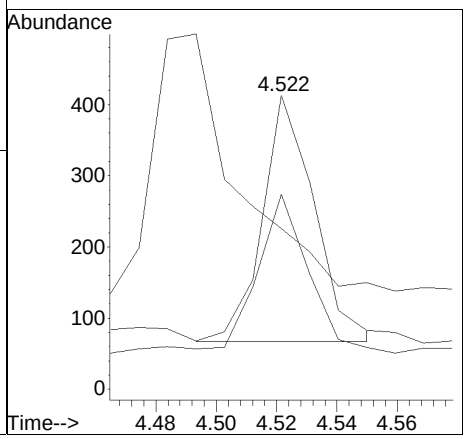


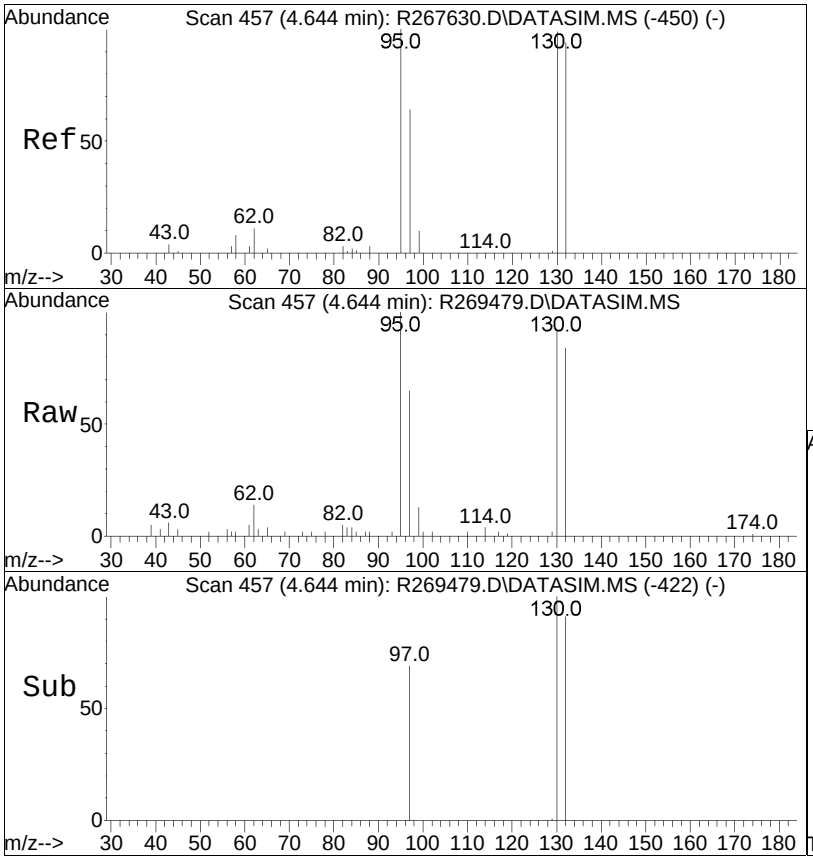


#41
1,2-dichloropropane
Concen: 0.02 ppbV m
RT: 4.522 min Scan# 444
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 63 Resp: 413

Ion	Ratio	Lower	Upper
63	100		
62	61.7	14.3	21.5#
39	160.5	4.9	7.3#

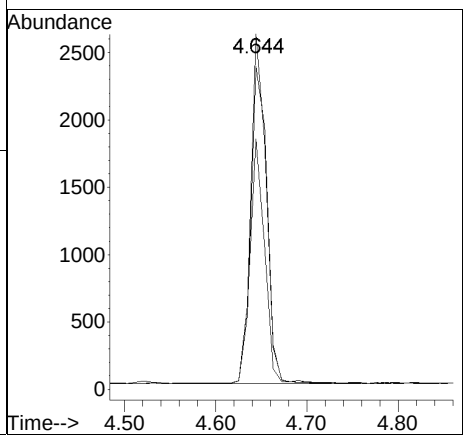


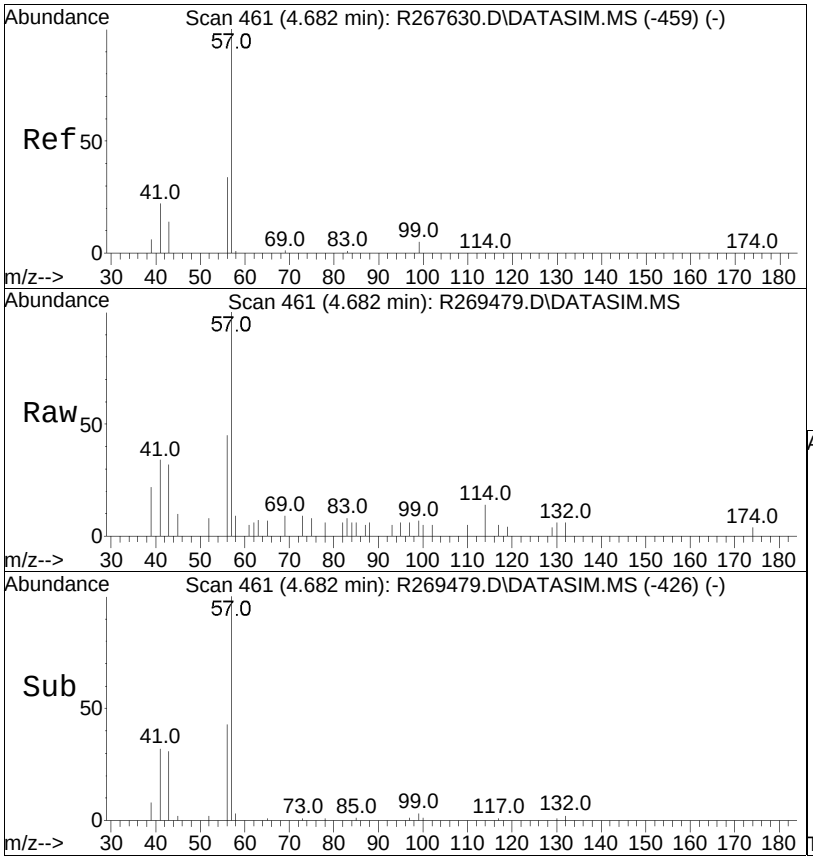


#44
trichloroethene
Concen: 0.11 ppbV
RT: 4.644 min Scan# 457
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion:130 Resp: 3027

Ion	Ratio	Lower	Upper
130	100		
132	96.4	0.0	0.0#
97	67.5	0.2	0.2#

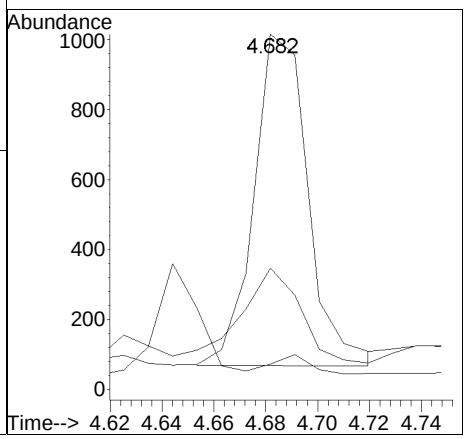


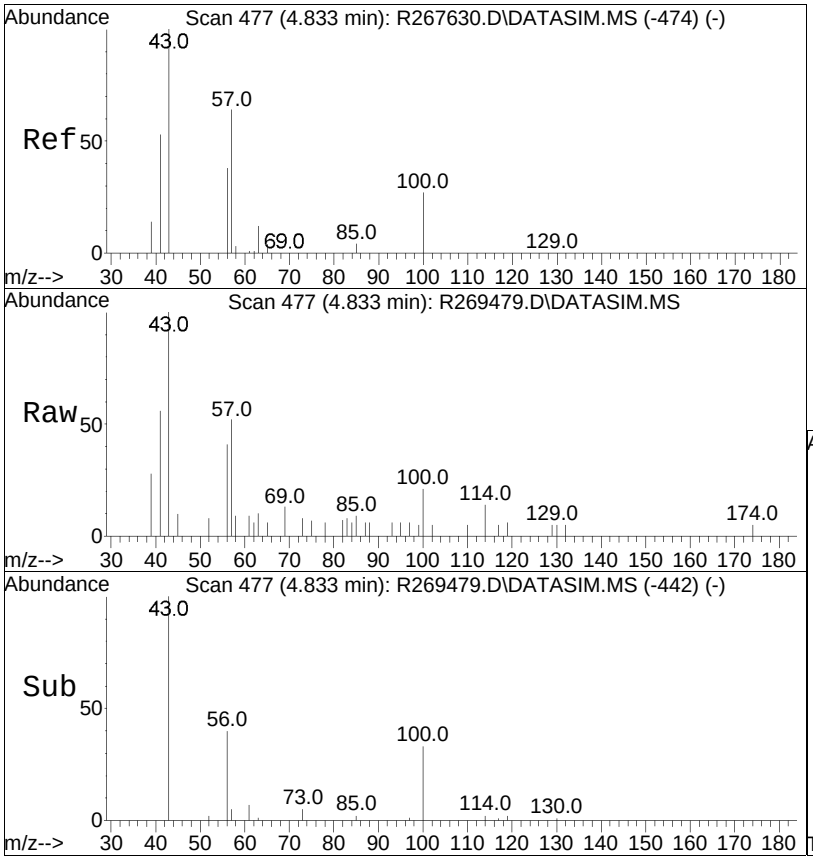


#45
2,2,4-trimethylpentane
Concen: 0.02 ppbV m
RT: 4.682 min Scan# 461
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 57 Resp: 1375

Ion	Ratio	Lower	Upper
57	100		
99	30.0	0.0	0.0#
41	24.1	5.2	7.8#

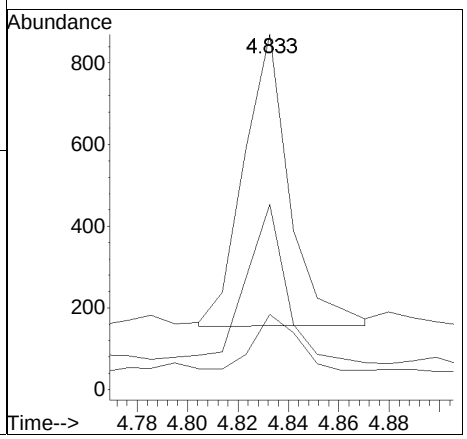


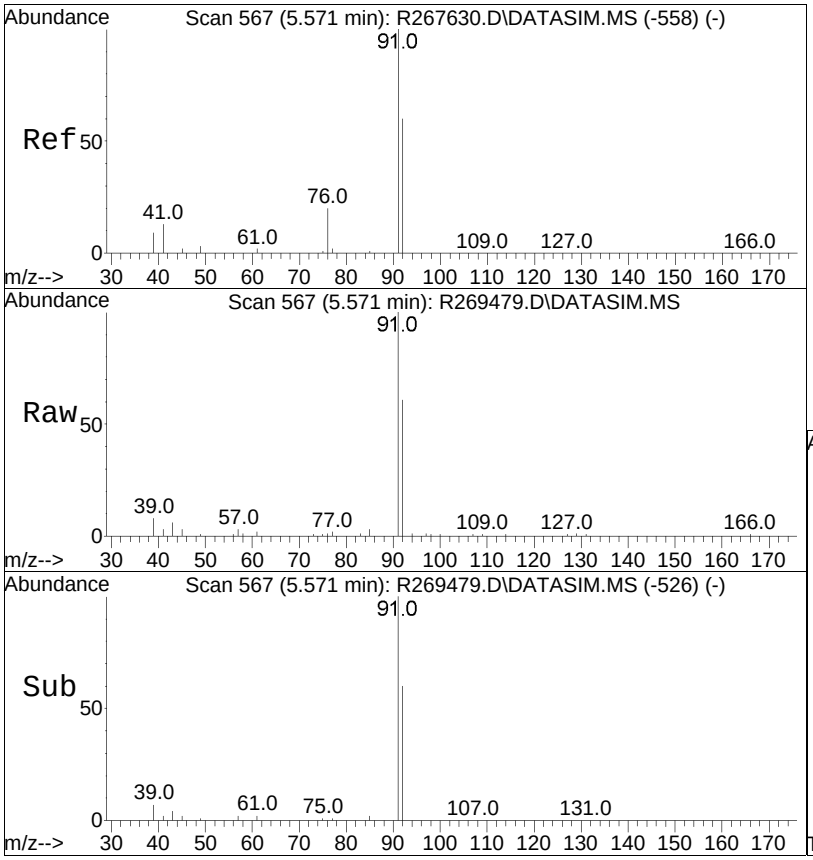


#46
heptane
Concen: 0.04 ppbV m
RT: 4.833 min Scan# 477
Delta R.T. 0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
57	46.9	3.0	4.6#
100	22.8	0.1	0.1#

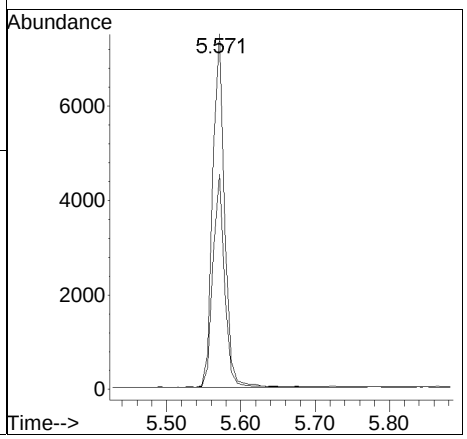


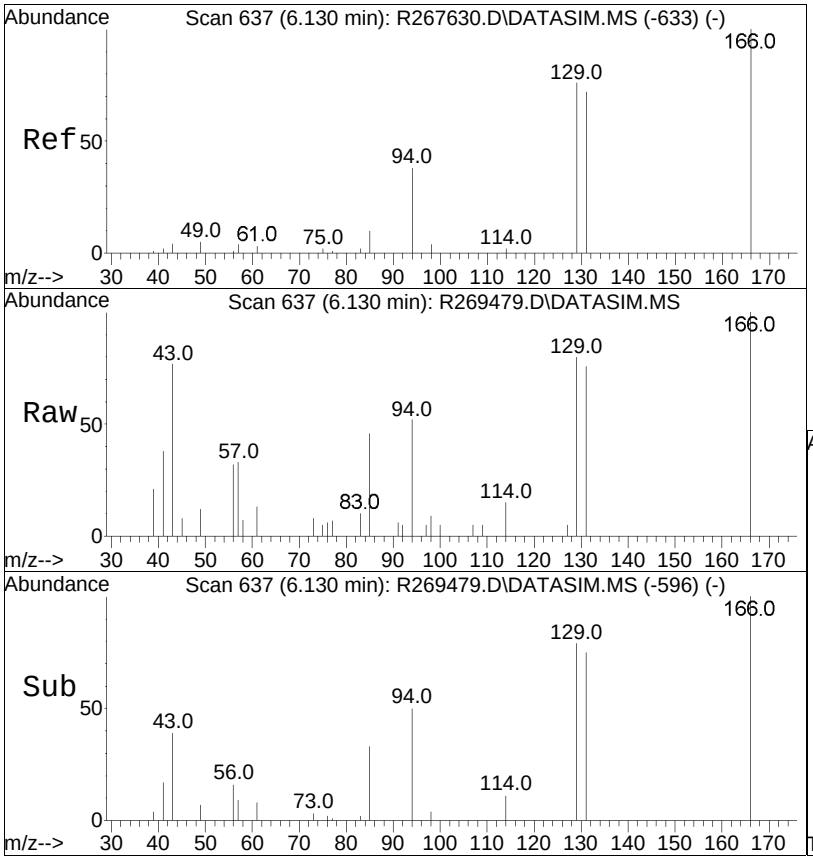


#52
toluene
Concen: 0.11 ppbV
RT: 5.571 min Scan# 567
Delta R.T. -0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 91 Resp: 8340

Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.5	71.3

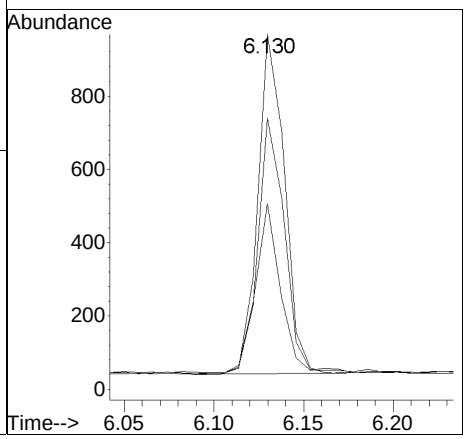


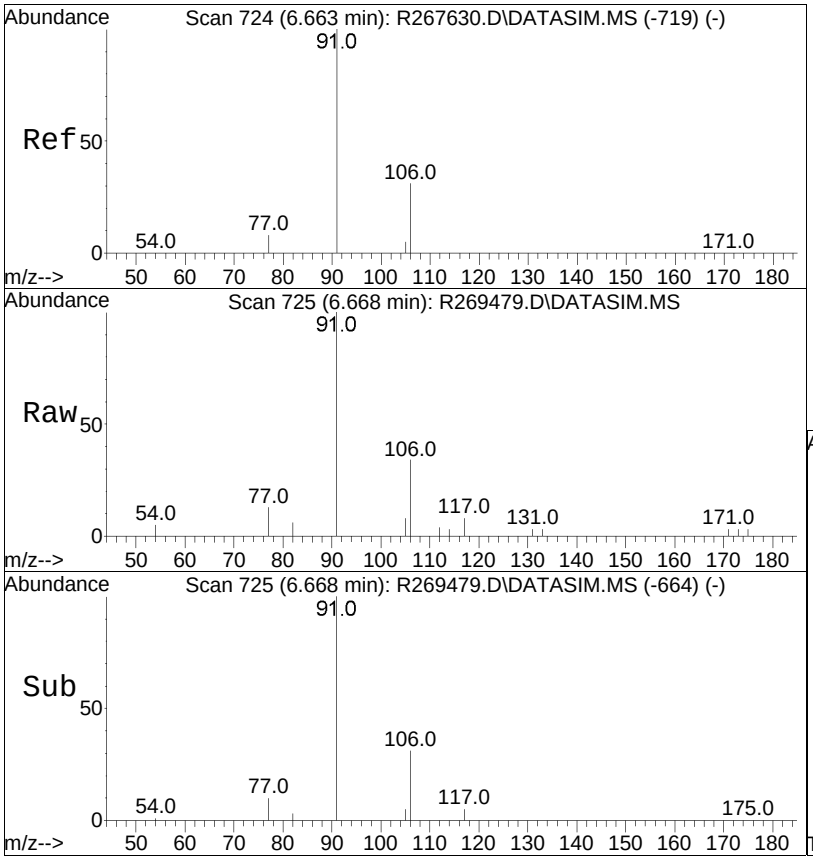


#57
tetrachloroethene
Concen: 0.03 ppbV
RT: 6.130 min Scan# 637
Delta R.T. 0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion:166 Resp: 957

Ion	Ratio	Lower	Upper
166	100		
131	79.8	57.7	86.5
94	49.0	31.4	47.0#

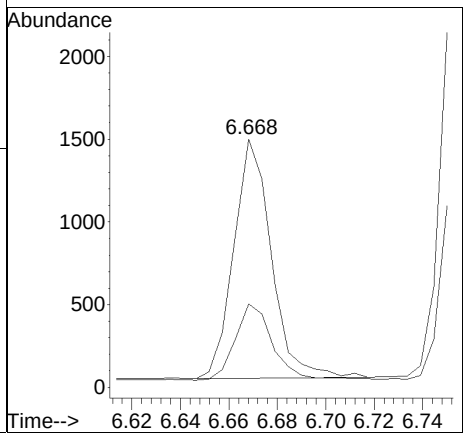


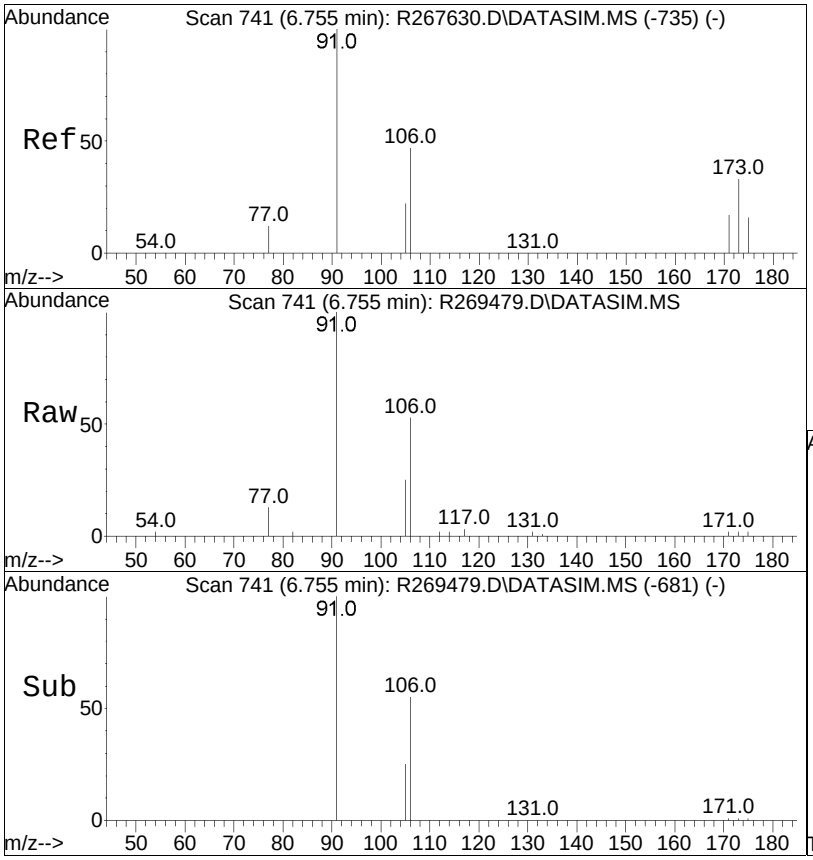


#60
ethylbenzene
Concen: 0.02 ppbV
RT: 6.668 min Scan# 725
Delta R.T. 0.005 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 91 Resp: 1563

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.4	38.2

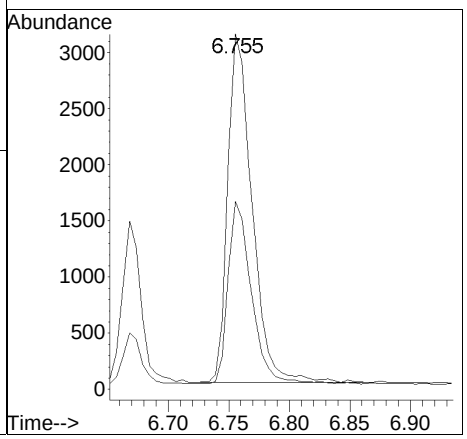


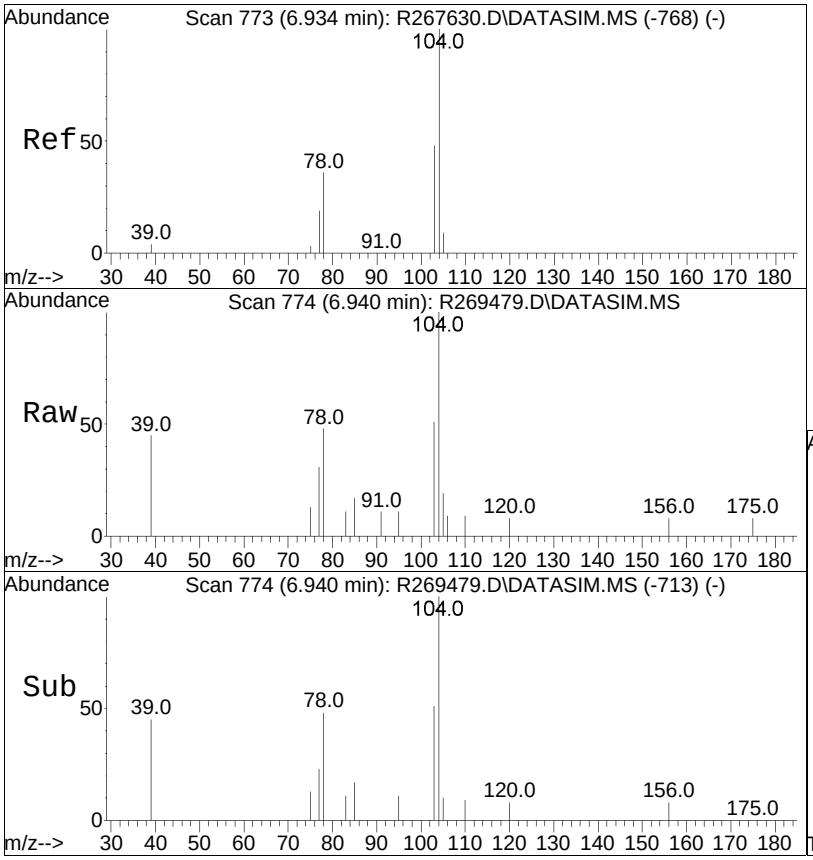


#61
m+p-xylene
Concen: 0.05 ppbV
RT: 6.755 min Scan# 741
Delta R.T. 0.000 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 91 Resp: 4349

Ion	Ratio	Lower	Upper
91	100		
106	50.4	38.7	58.1

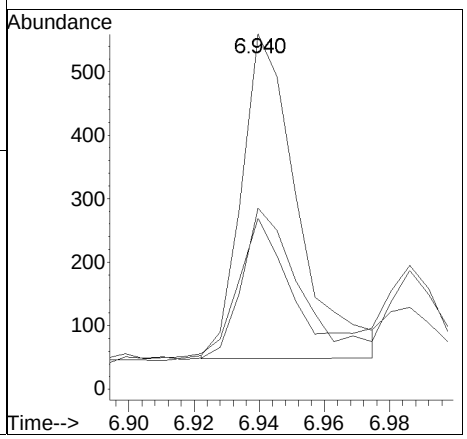


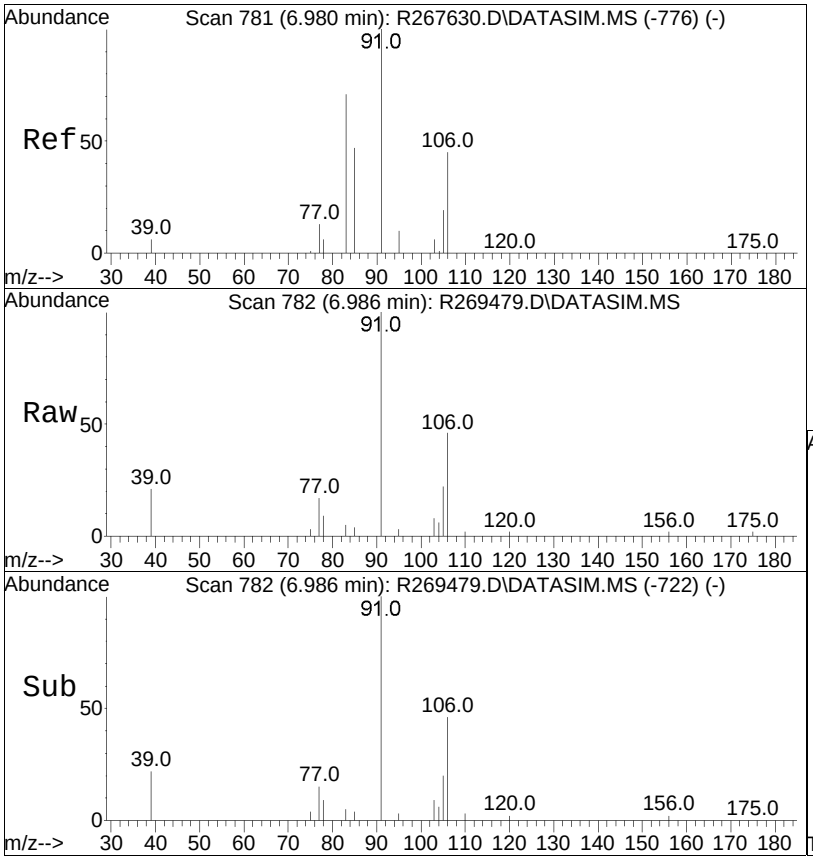


#63
styrene
Concen: 0.01 ppbV m
RT: 6.940 min Scan# 774
Delta R.T. 0.006 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion:104 Resp: 612

Ion	Ratio	Lower	Upper
104	100		
103	52.0	38.4	57.6
78	48.5	31.4	47.0#

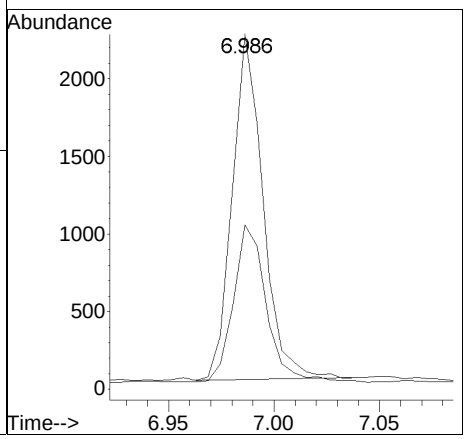




#65
o-xylene
Concen: 0.03 ppbV
RT: 6.986 min Scan# 782
Delta R.T. 0.006 min
Lab File: R269479.D
Acq: 29 Mar 2026 12:24 am

Tgt Ion: 91 Resp: 2248

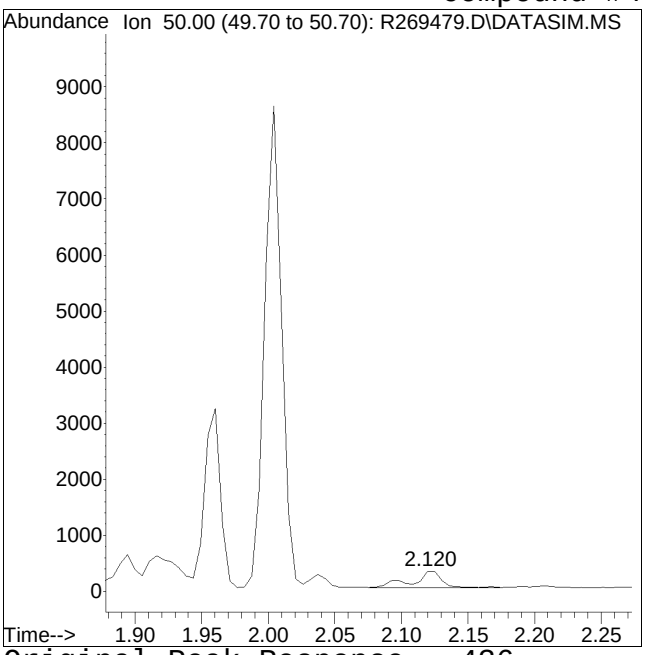
Ion	Ratio	Lower	Upper
91	100		
106	49.1	38.7	58.1



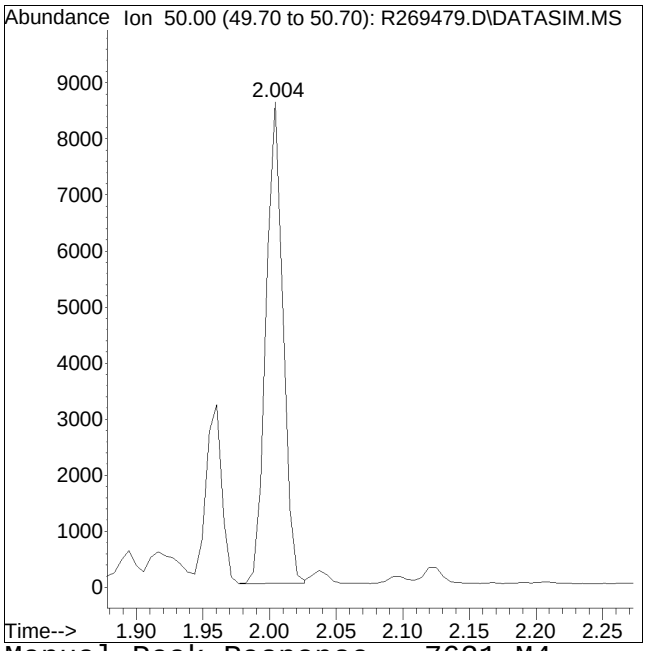
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #4: chloromethane



Original Peak Response = 436



Manual Peak Response = 7621 M4

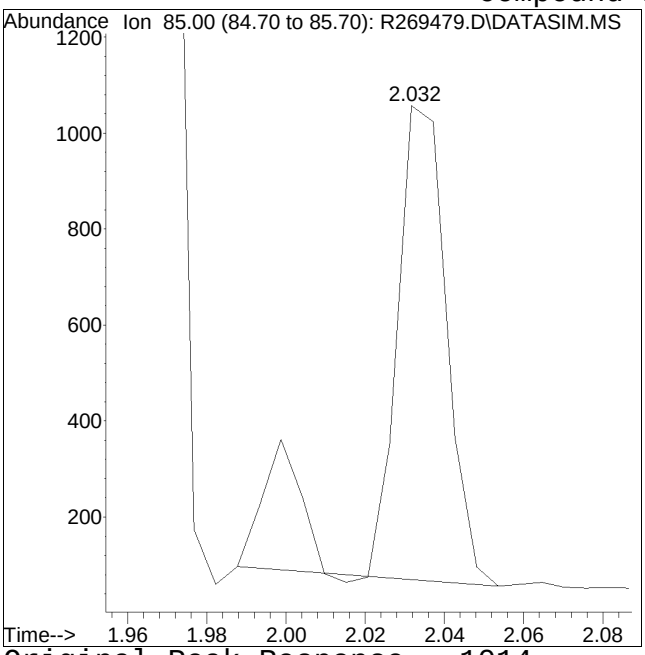
M4 = Poor automated baseline construction.

Manual Integration Report

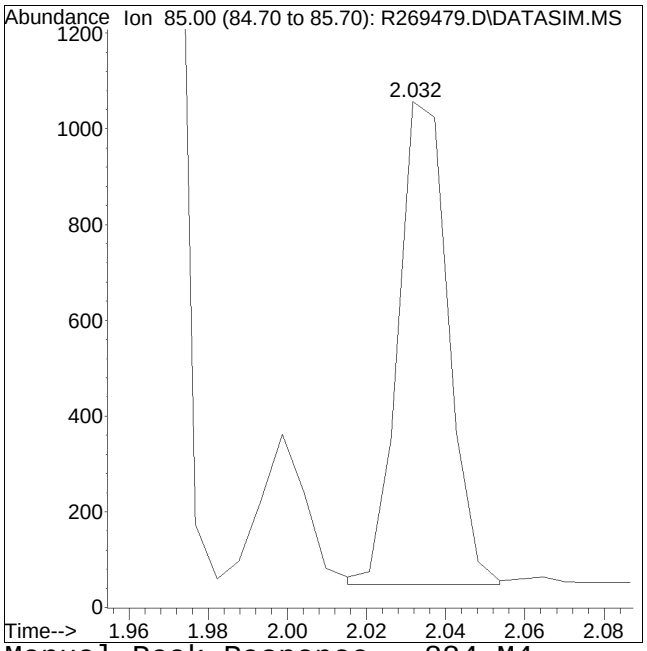
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R269479.D
Date Inj'd : 3/29/2026 12:24 am
Sample : L2612589-14,3,250,250

Method : TSIM26_260107.M
Operator : AIRLAB26:SL
Instrument : Airlab26
Quant Date : 3/29/2026 9:28 am

Compound #5: Freon-114



Original Peak Response = 1014



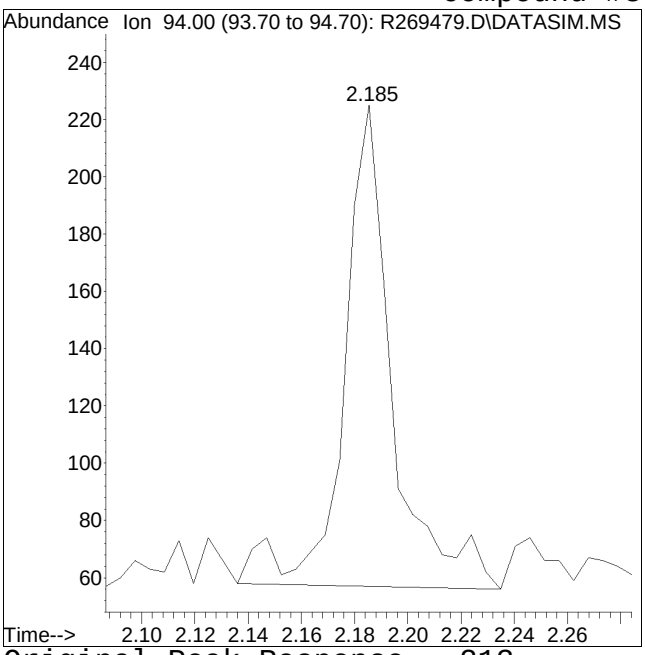
Manual Peak Response = 884 M4

M4 = Poor automated baseline construction.

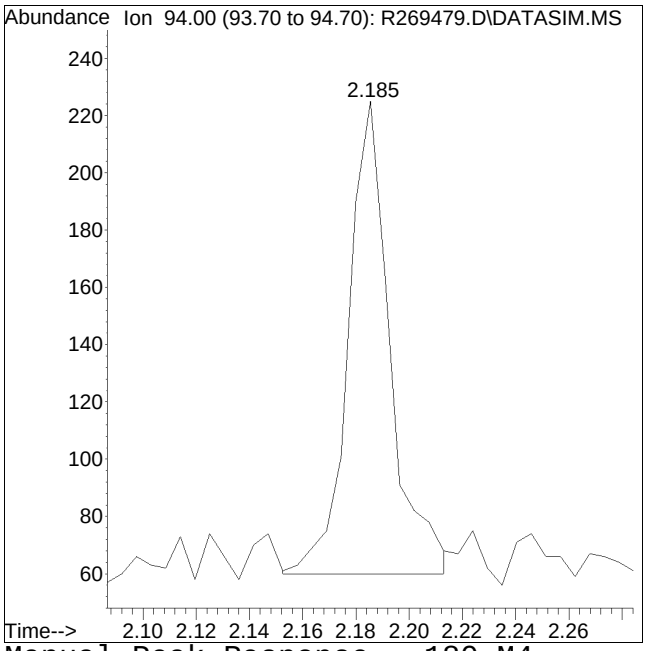
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #8: bromomethane



Original Peak Response = 213



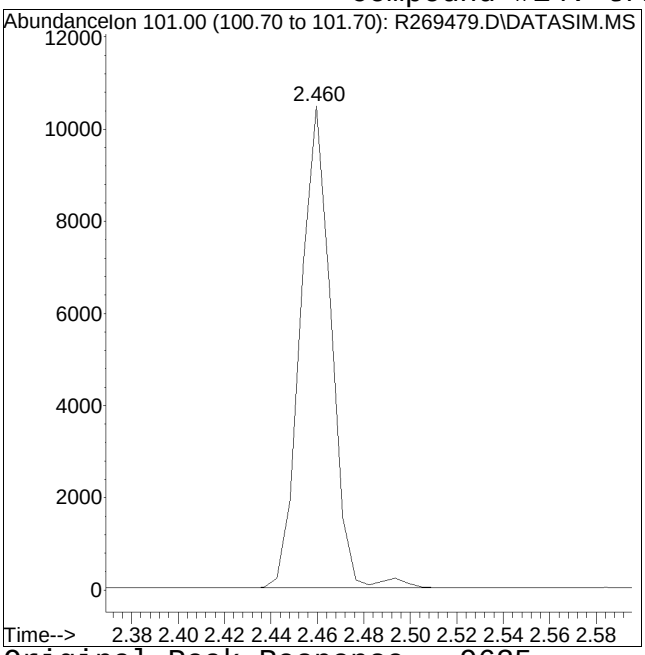
Manual Peak Response = 180 M4

M4 = Poor automated baseline construction.

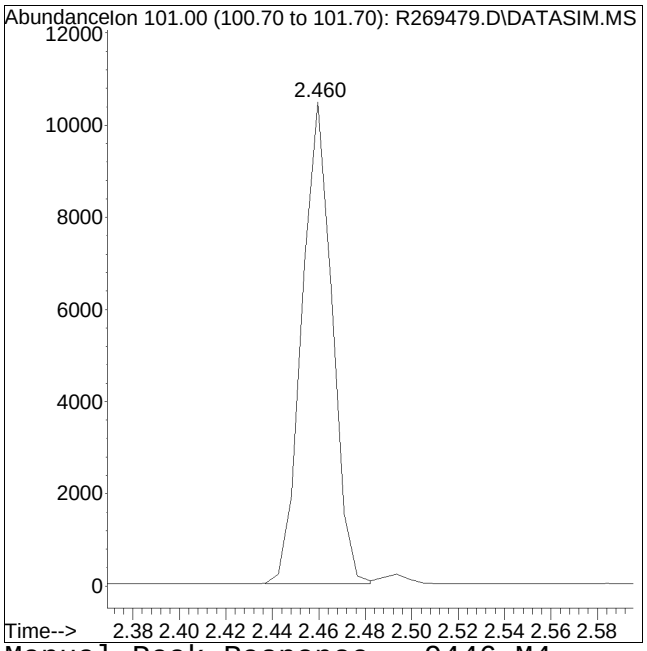
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #14: trichlorofluoromethane



Original Peak Response = 9635



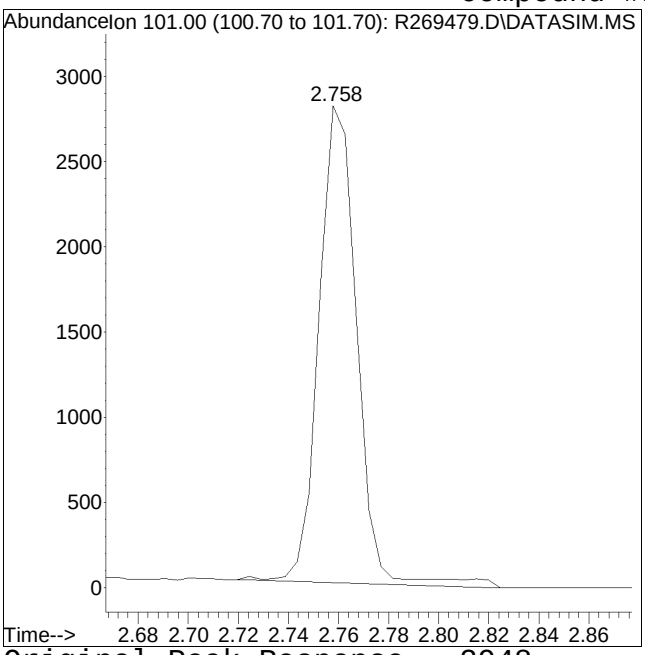
Manual Peak Response = 9446 M4

M4 = Poor automated baseline construction.

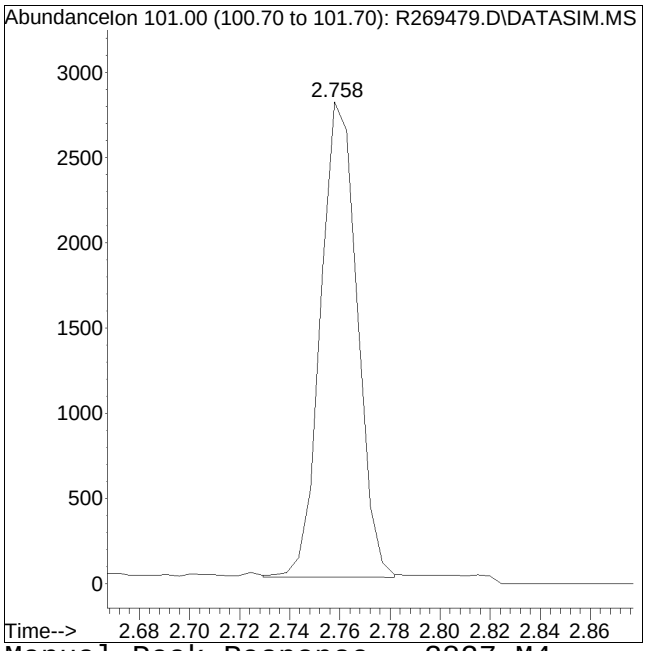
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #22: Freon 113



Original Peak Response = 2948



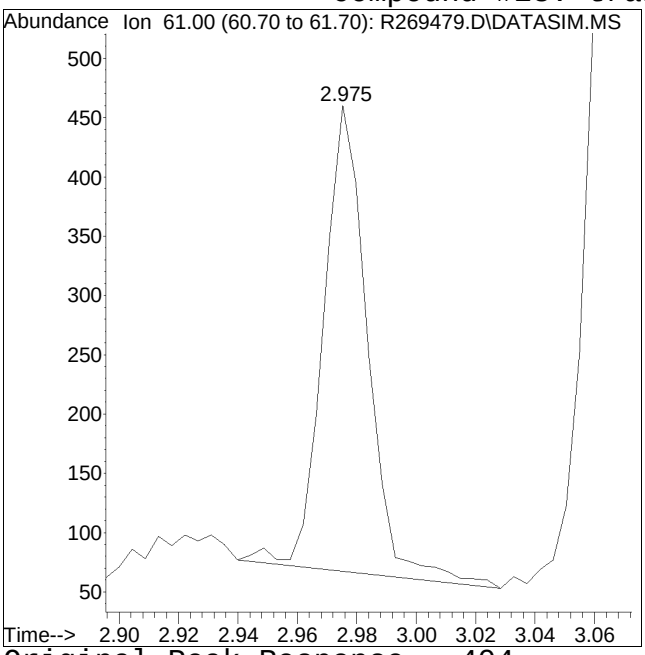
Manual Peak Response = 2827 M4

M4 = Poor automated baseline construction.

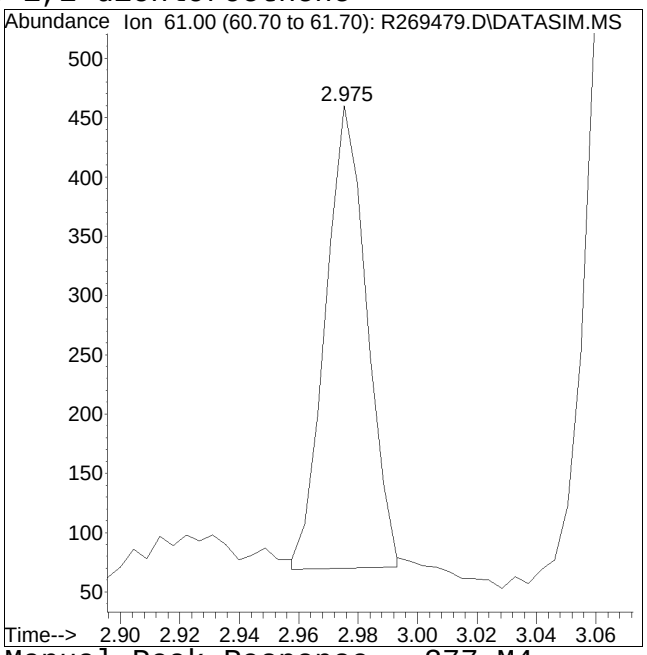
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #23: trans-1,2-dichloroethene



Original Peak Response = 404



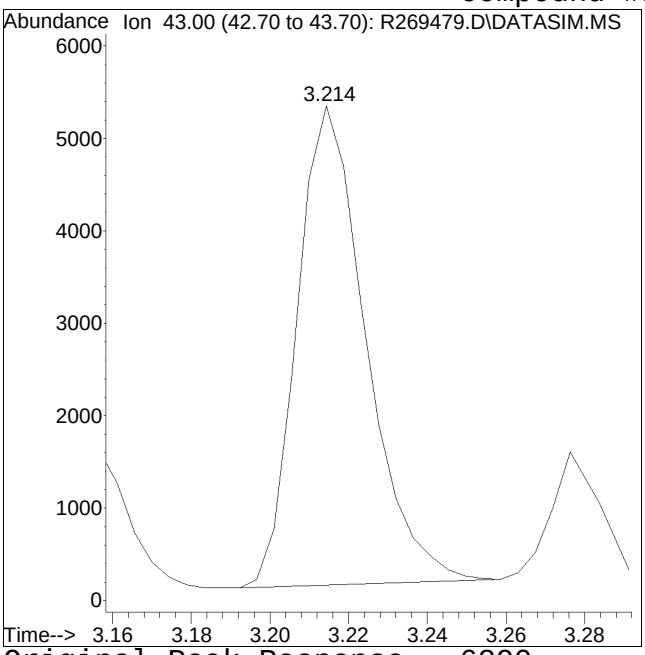
Manual Peak Response = 377 M4

M4 = Poor automated baseline construction.

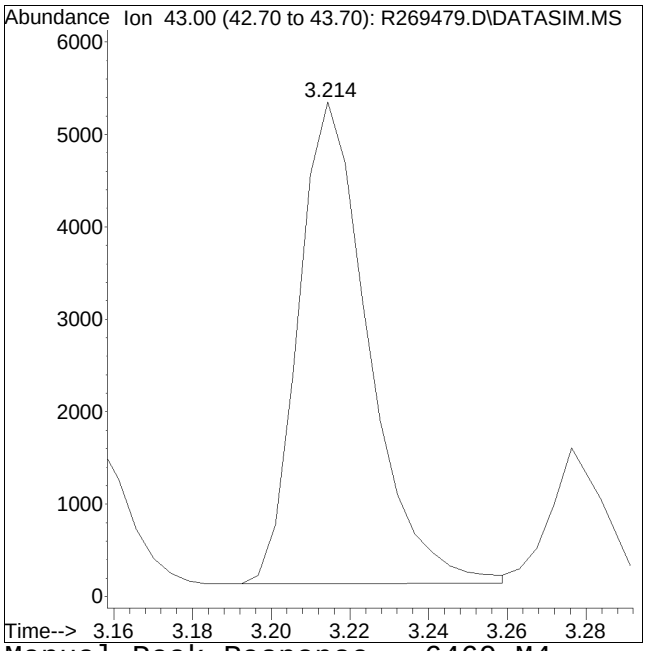
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #27: 2-butanone



Original Peak Response = 6290



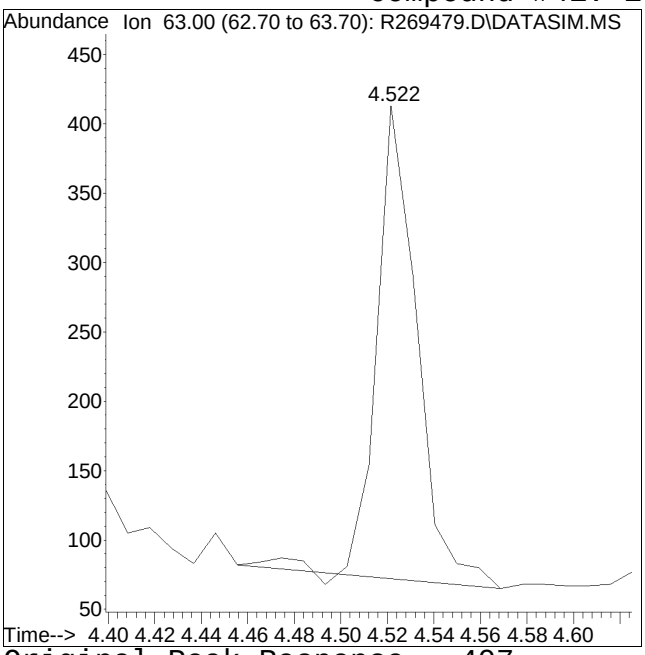
Manual Peak Response = 6460 M4

M4 = Poor automated baseline construction.

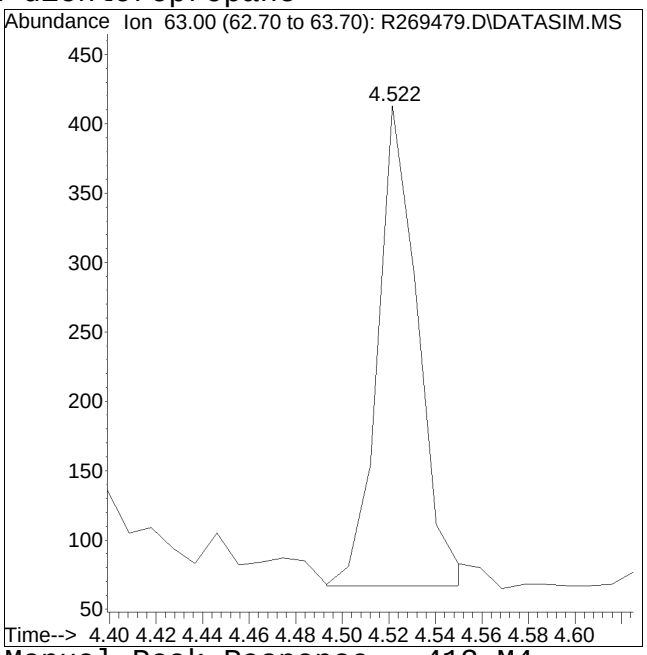
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #41: 1,2-dichloropropane



Original Peak Response = 407



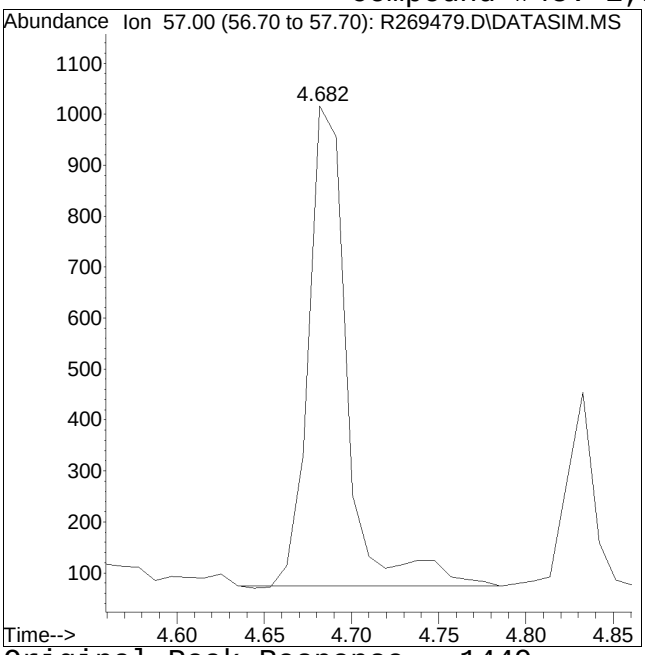
Manual Peak Response = 413 M4

M4 = Poor automated baseline construction.

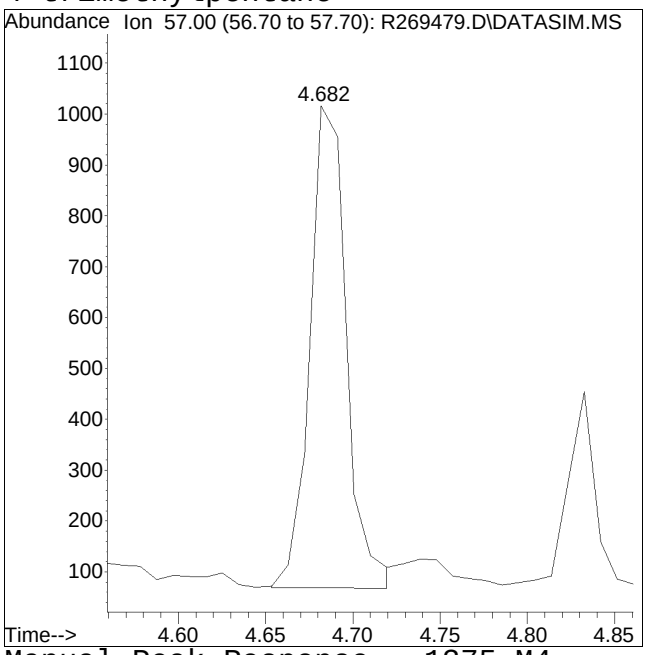
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #45: 2,2,4-trimethylpentane



Original Peak Response = 1449



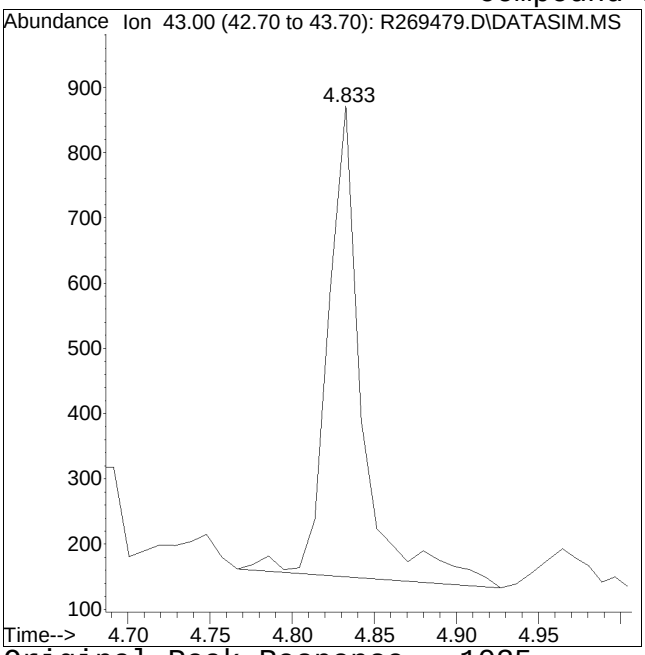
Manual Peak Response = 1375 M4

M4 = Poor automated baseline construction.

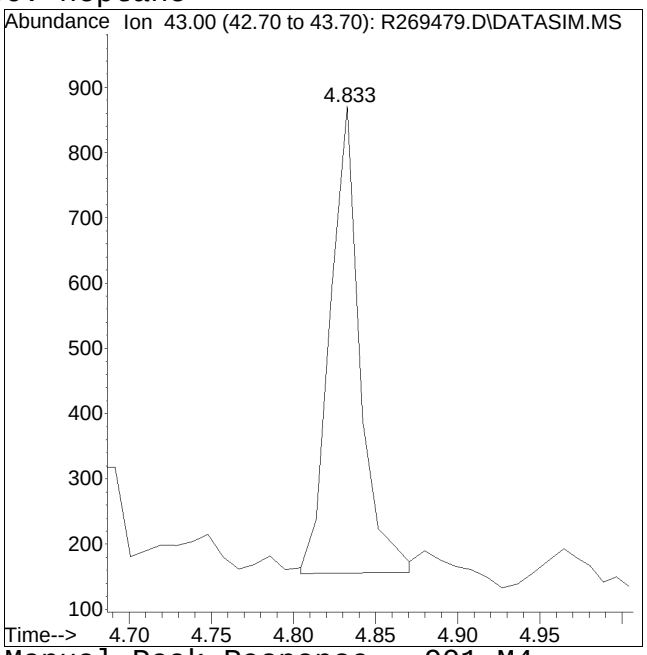
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #46: heptane



Original Peak Response = 1035



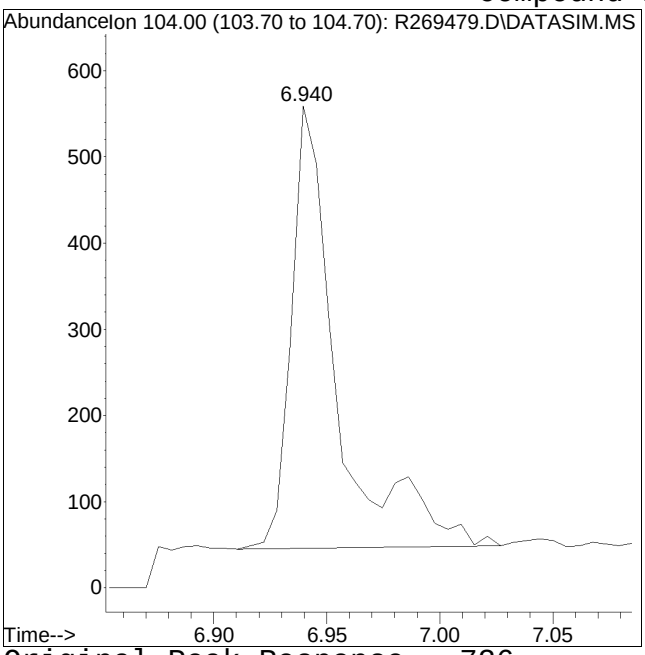
Manual Peak Response = 901 M4

M4 = Poor automated baseline construction.

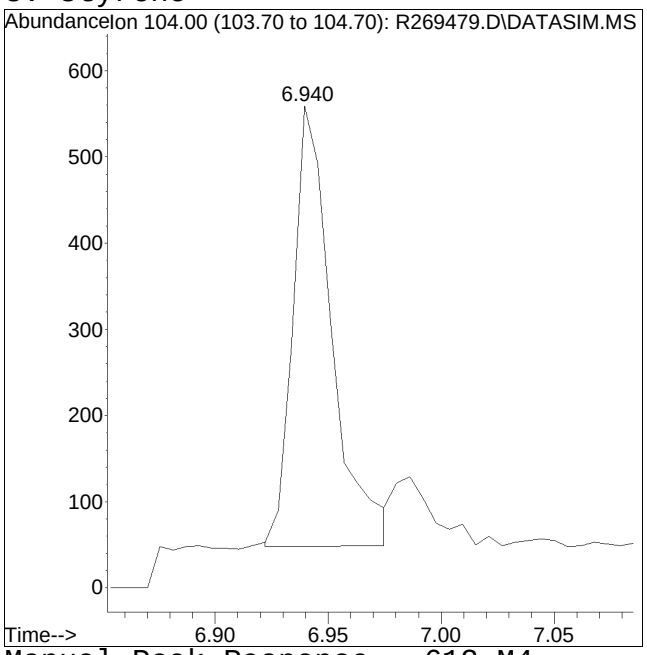
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269479.D Operator : AIRLAB26:SL
Date Inj'd : 3/29/2026 12:24 am Instrument : Airlab26
Sample : L2612589-14,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #63: styrene



Original Peak Response = 726



Manual Peak Response = 612 M4

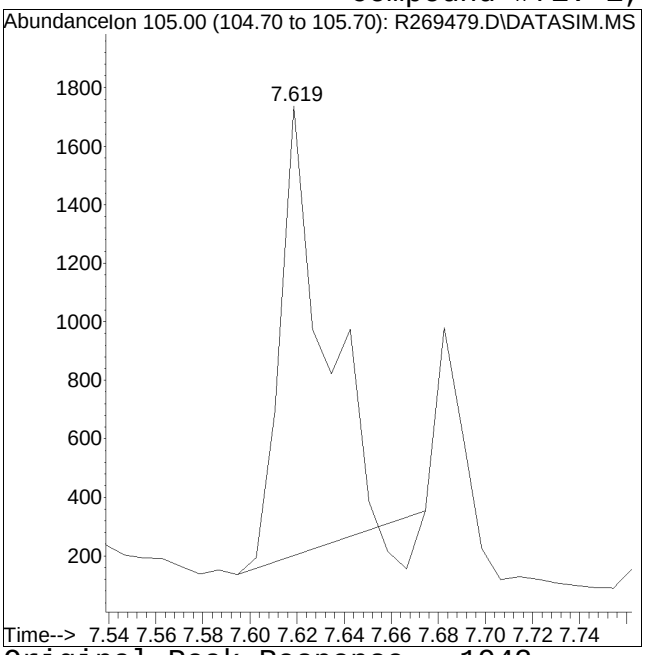
M4 = Poor automated baseline construction.

Manual Integration Report

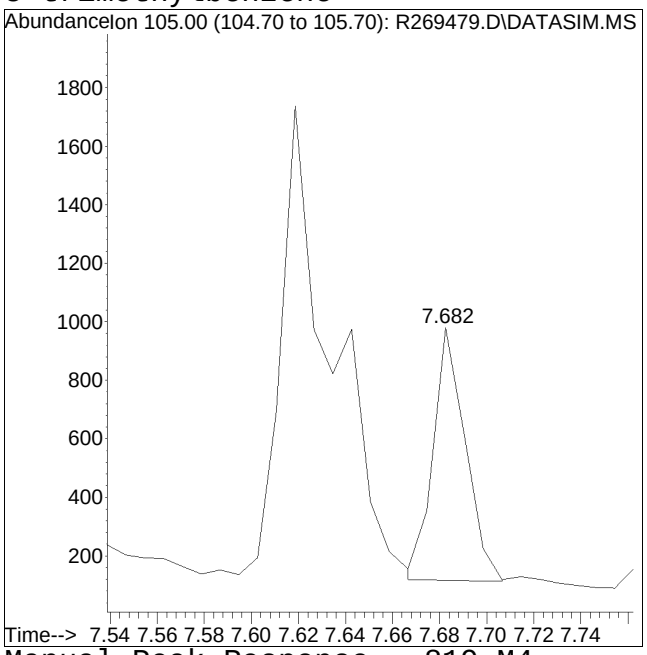
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R269479.D
Date Inj'd : 3/29/2026 12:24 am
Sample : L2612589-14,3,250,250

Method : TSIM26_260107.M
Operator : AIRLAB26:SL
Instrument : Airlab26
Quant Date : 3/29/2026 9:28 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 1942



Manual Peak Response = 819 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560056_Ev2.D
Acq On : 29 Mar 2026 11:16 PM
Operator : AIRLAB15:TPH
Sample : L2612589-07D,3,100,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 09:34:58 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.208	49	357455	10.000	ppbV	-0.06
Standard Area = 378066			Recovery =		94.55%	
34) 1,4-difluorobenzene	11.437	114	848942	10.000	ppbV	-0.06
Standard Area = 967593			Recovery =		87.74%	
52) chlorobenzene-D5	16.117	54	141443	10.000	ppbV	-0.04
Standard Area = 162492			Recovery =		87.05%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	4.102	85	11104	0.252	ppbV	99
5) chloromethane	4.264	50	2739	0.144	ppbV	96
6) Freon-114	4.378		0	N.D.		
7) vinyl chloride	4.498		0	N.D.		
9) bromomethane	0.000		0	N.D.		
10) chloroethane	5.122		0	N.D.		
11) ethanol	5.254	31	314779	19.983	ppbV	100
15) trichlorofluoromethane	5.957	101	2895	0.080	ppbV	98
18) 1,1-dichloroethene	0.000		0	N.D. d		
19) tertiary butyl alcohol	6.714	59	178753	3.971	ppbV	98
20) methylene chloride	6.798	49	1840	0.060	ppbV	99
23) Freon 113	7.098	101	1229	0.028	ppbV	97
24) trans-1,2-dichloroethene	7.850		0	N.D.		
25) 1,1-dichloroethane	0.000		0	N.D. d		
26) MTBE	0.000		0	N.D. d		
28) 2-butanone	8.525	43	71271	1.445	ppbV	98
29) cis-1,2-dichloroethene	8.900		0	N.D.		
31) chloroform	9.367		0	N.D.		
33) 1,2-dichloroethane	10.200	62	759	0.028	ppbV #	41
35) hexane	9.267	57	178624	4.459	ppbV #	15
37) 1,1,1-trichloroethane	10.483		0	N.D.		
38) benzene	11.017	78	12418	0.151	ppbV	97
39) carbon tetrachloride	11.257		0	N.D.		
40) cyclohexane	11.330	56	182343	4.252	ppbV	98
42) 1,2-dichloropropane	11.963		0	N.D.		
43) bromodichloromethane	0.000		0	N.D. d		
44) 1,4-dioxane	12.270		0	N.D.		
45) trichloroethene	12.197		0	N.D.		

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560056_Ev2.D
Acq On : 29 Mar 2026 11:16 PM
Operator : AIRLAB15:TPH
Sample : L2612589-07D,3,100,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 09:34:58 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

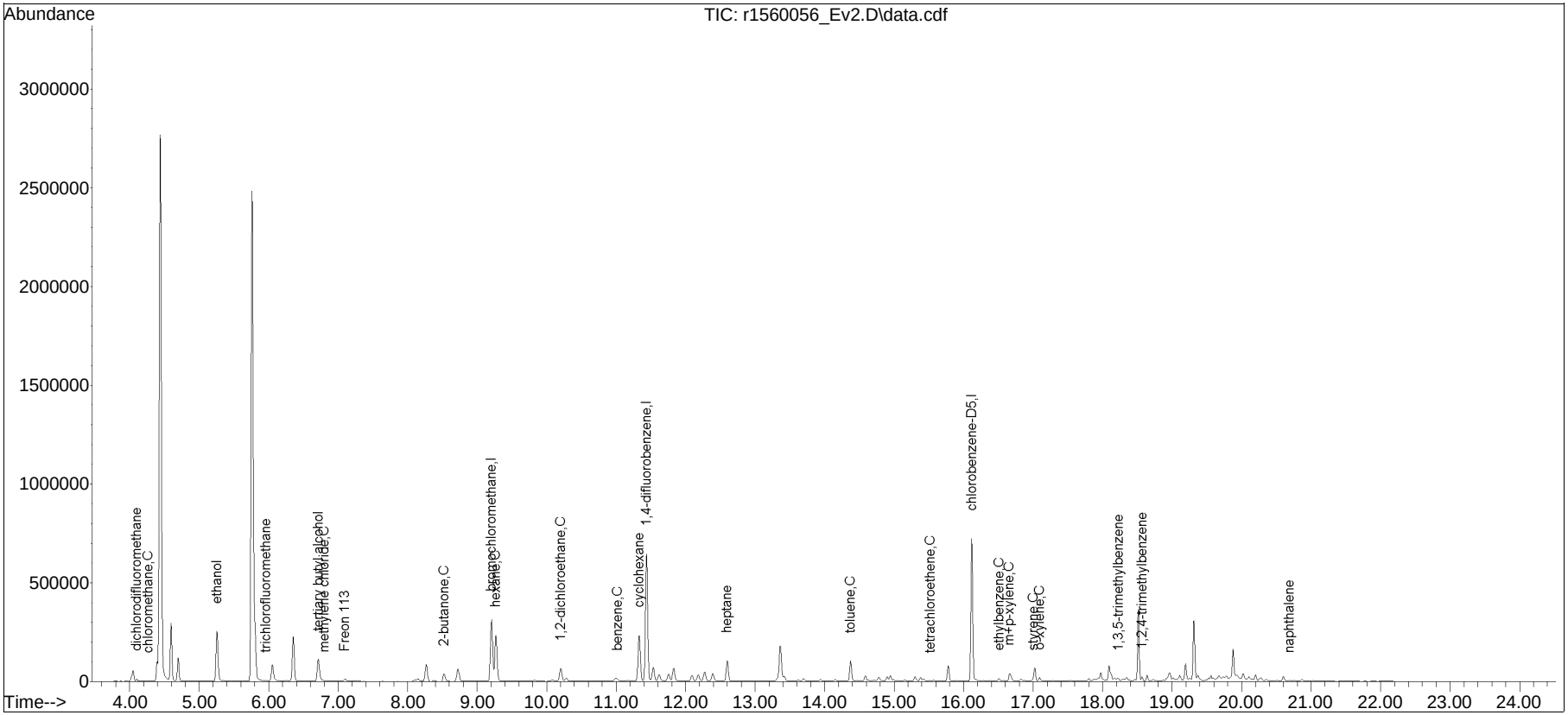
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.597	43	80238	1.777	ppbV	100
48) cis-1,3-dichloropropene	13.258		0	N.D.		
49) 4-methyl-2-pentanone	0.000		0	N.D.	d	
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.	d	
53) toluene	14.375	91	111336	1.297	ppbV	99
56) dibromochloromethane	14.817		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.517	166	1530	0.045	ppbV	98
60) chlorobenzene	0.000		0	N.D.	d	
61) ethylbenzene	16.508	91	15934	0.148	ppbV	96
62) m+p-xylene	16.658	91	45296	0.527	ppbV	97
63) bromoform	0.000		0	N.D.		
64) styrene	17.000	104	3667	0.057	ppbV	91
65) 1,1,2,2-tetrachloroethane	16.975		0	N.D.		
66) o-xylene	17.092	91	14587	0.170	ppbV	98
72) 1,3,5-trimethylbenzene	18.225	105	4496	0.047	ppbV #	95
74) 1,2,4-trimethylbenzene	18.567	105	17217	0.183	ppbV #	53
75) Benzyl Chloride	0.000		0	N.D.	d	
76) 1,3-dichlorobenzene	18.708		0	N.D.		
77) 1,4-dichlorobenzene	18.767		0	N.D.		
81) 1,2-dichlorobenzene	19.042		0	N.D.		
84) 1,2,4-trichlorobenzene	0.000		0	N.D.	d	
85) naphthalene	20.683	128	4419	0.036	ppbV #	92
87) hexachlorobutadiene	21.008		0	N.D.		

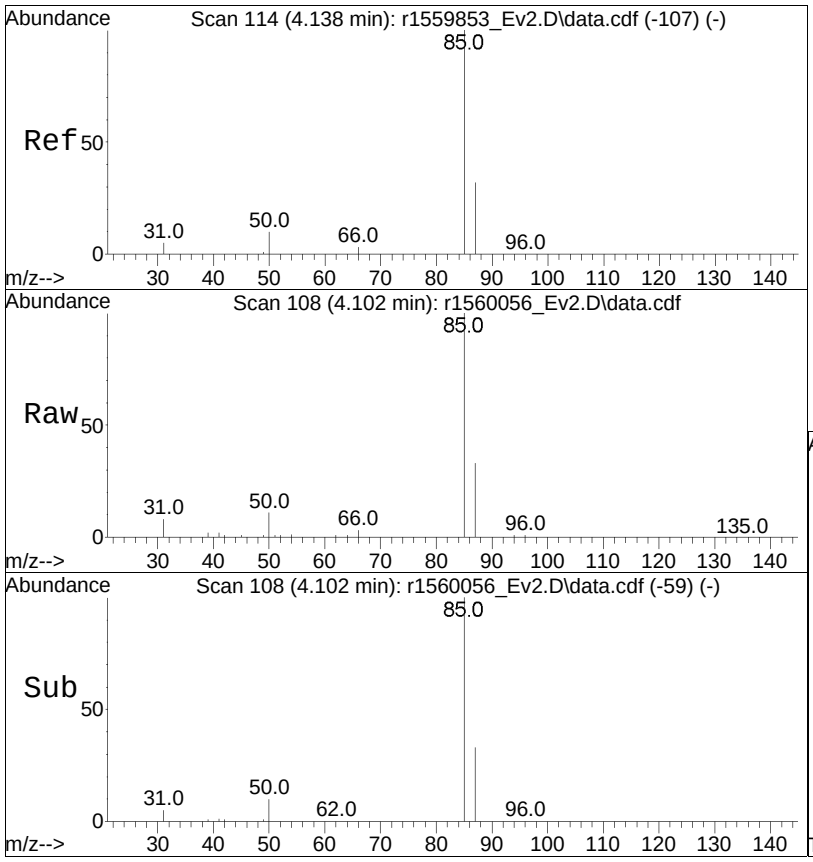
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab15\2026\03\0329SIM\r1560051_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560056_Ev2.D
Acq On : 29 Mar 2026 11:16 PM
Operator : AIRLAB15:TPH
Sample : L2612589-07D,3,100,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 09:34:58 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

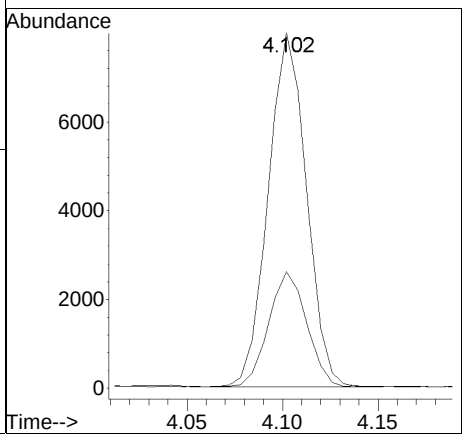


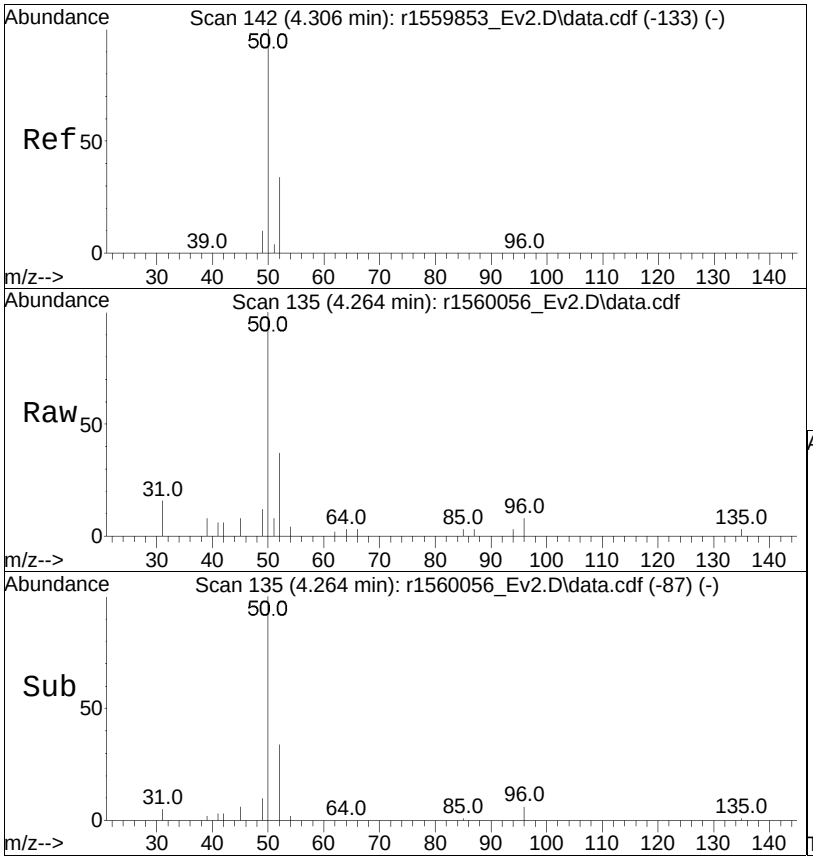


#4
dichlorodifluoromethane
Concen: 0.25 ppbV
RT: 4.102 min Scan# 108
Delta R.T. -0.036 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 85 Resp: 11104

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.8	38.6

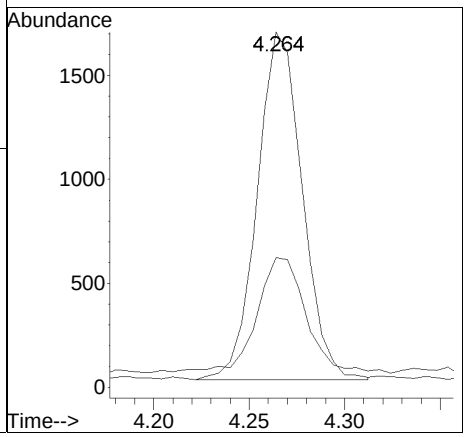


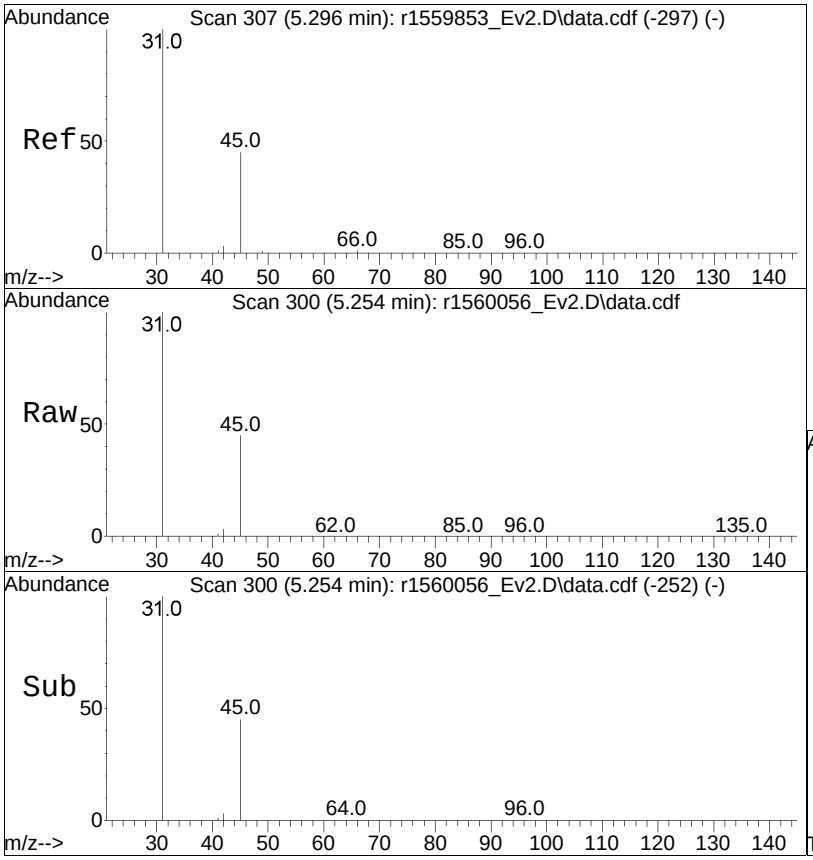


#5
chloromethane
Concen: 0.14 ppbV
RT: 4.264 min Scan# 135
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 50 Resp: 2739

Ion	Ratio	Lower	Upper
50	100		
52	36.5	27.4	41.2

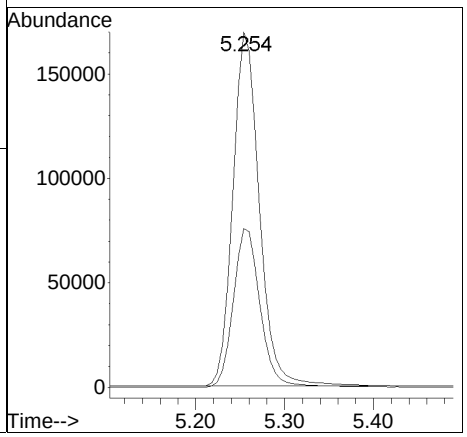


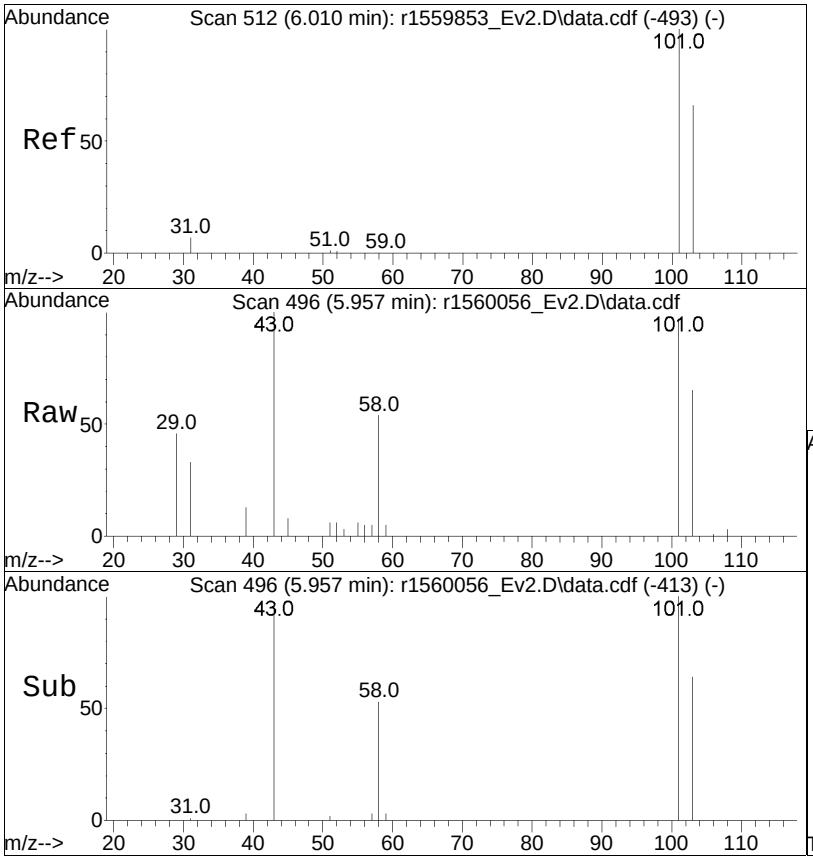


#11
ethanol
Concen: 19.98 ppbV
RT: 5.254 min Scan# 300
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 31 Resp: 314779

Ion	Ratio	Lower	Upper
31	100		
45	44.7	35.7	53.5

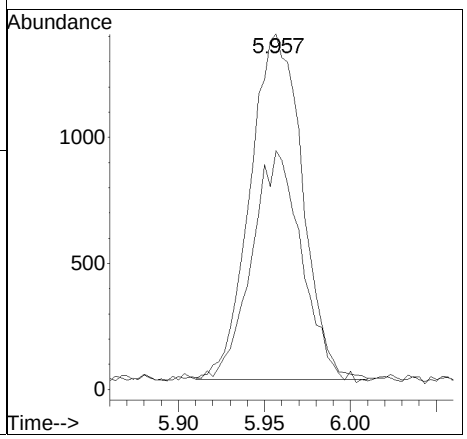


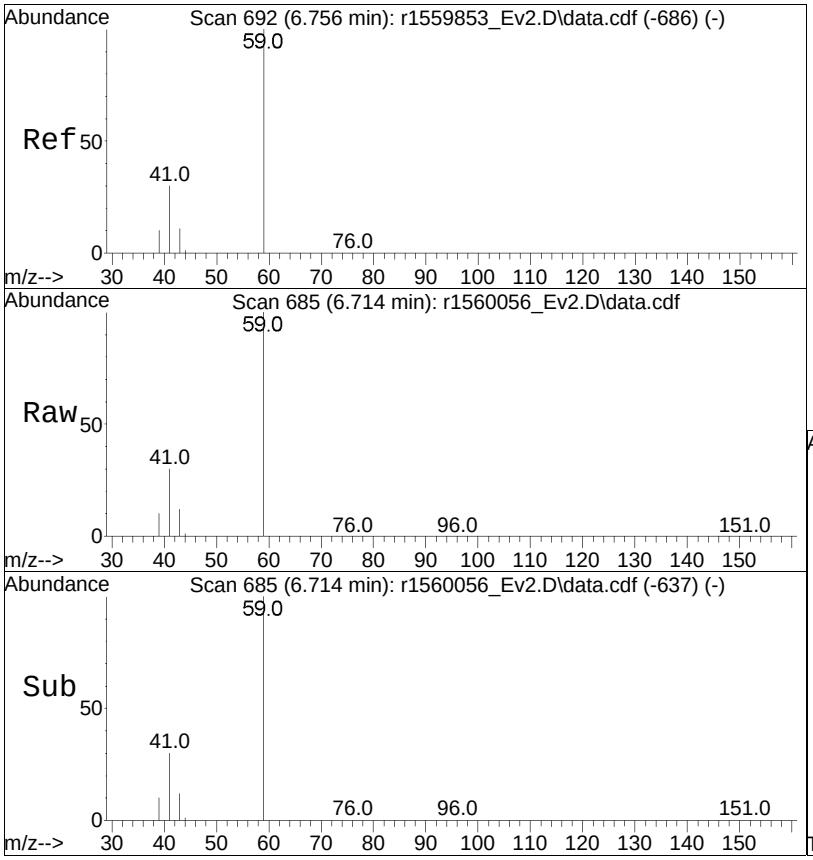


#15
trichlorofluoromethane
Concen: 0.08 ppbV
RT: 5.957 min Scan# 496
Delta R.T. -0.053 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:101 Resp: 2895

Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.4	78.6

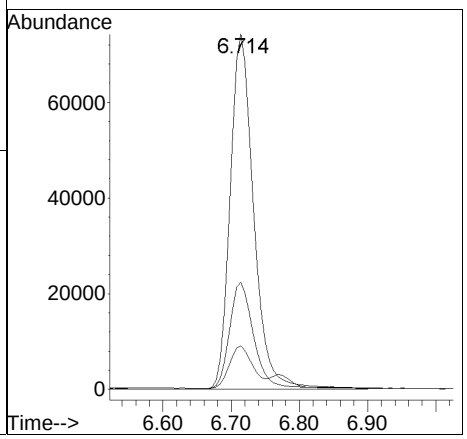


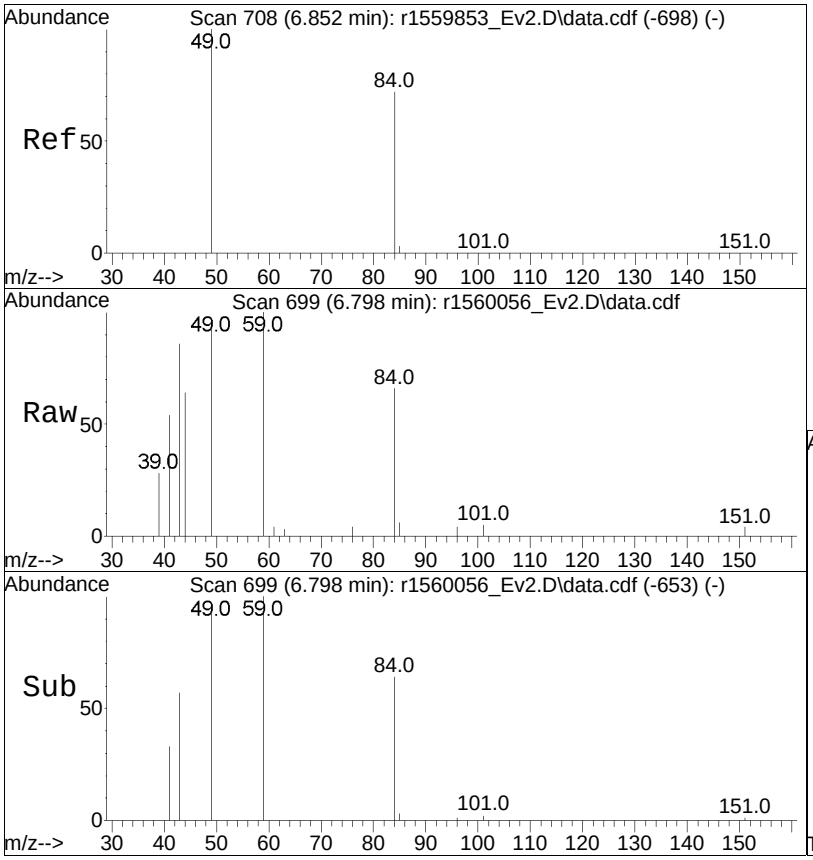


#19
tertiary butyl alcohol
Concen: 3.97 ppbV
RT: 6.714 min Scan# 685
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 59 Resp: 178753

Ion	Ratio	Lower	Upper
59	100		
41	30.8	23.9	35.9
43	11.7	8.6	13.0

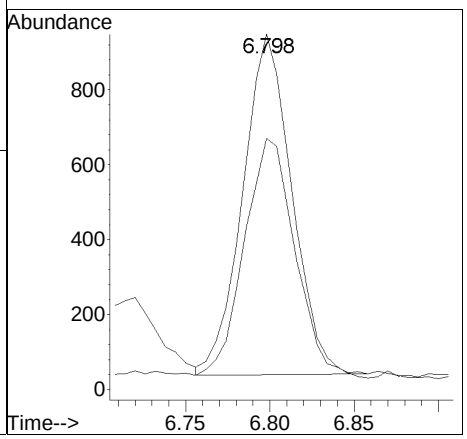


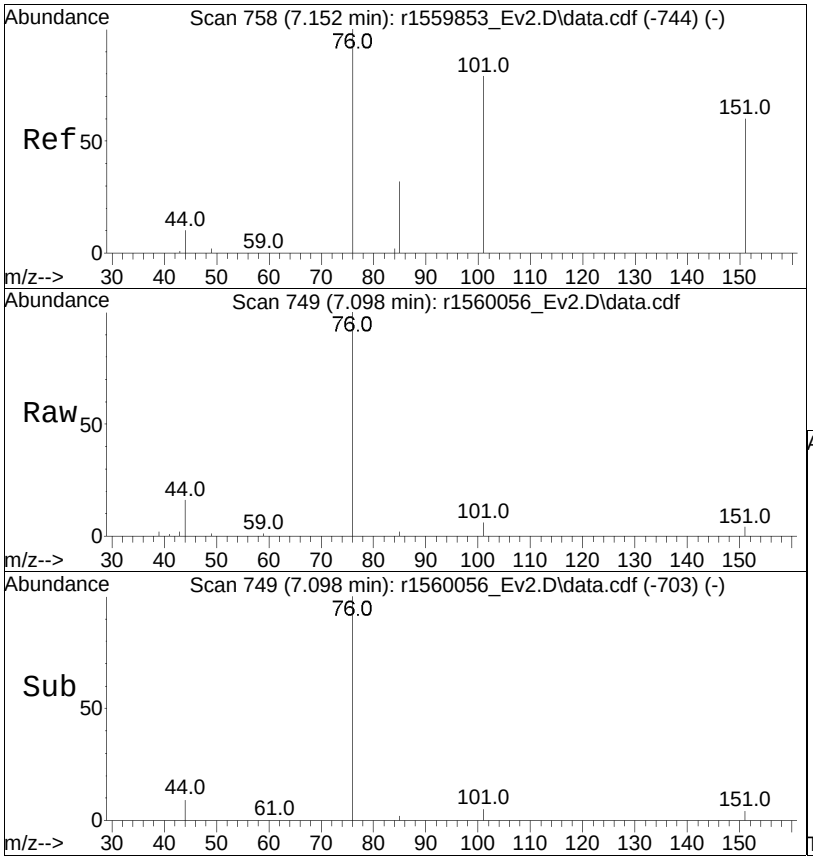


#20
methylene chloride
Concen: 0.06 ppbV
RT: 6.798 min Scan# 699
Delta R.T. -0.054 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 49 Resp: 1840

Ion	Ratio	Lower	Upper
49	100		
84	70.7	57.4	86.2

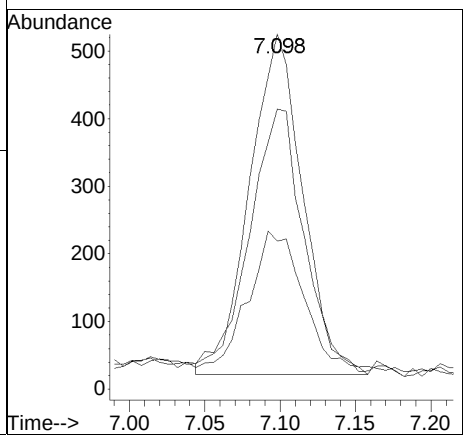


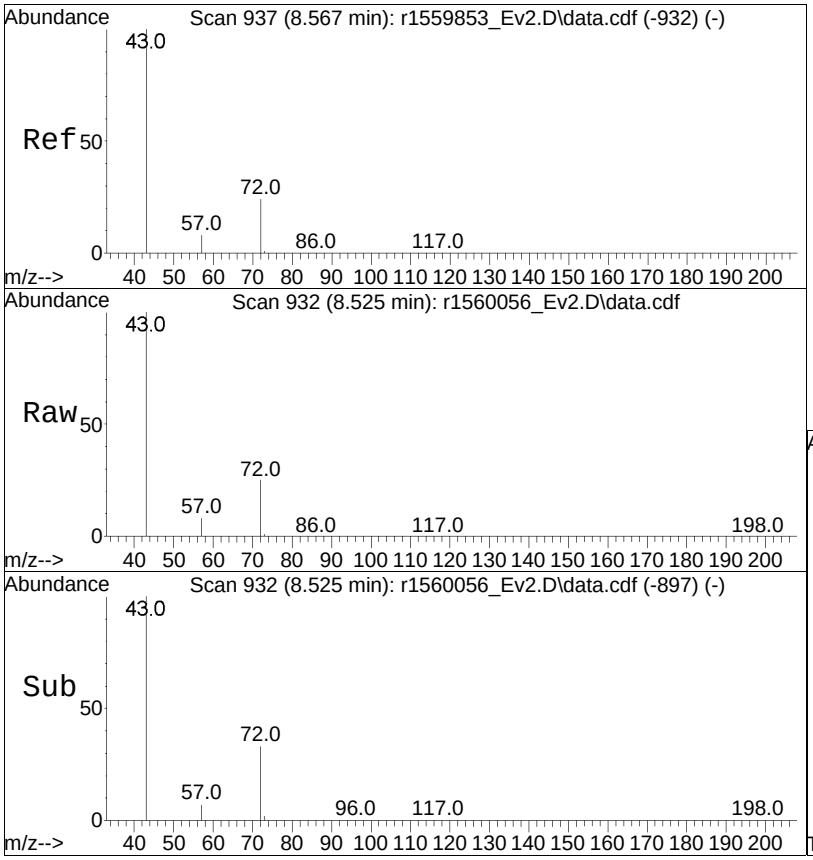


#23
Freon 113
Concen: 0.03 ppbV
RT: 7.098 min Scan# 749
Delta R.T. -0.054 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:101 Resp: 1229

Ion	Ratio	Lower	Upper
101	100		
85	41.7	32.7	49.1
151	78.9	60.2	90.2

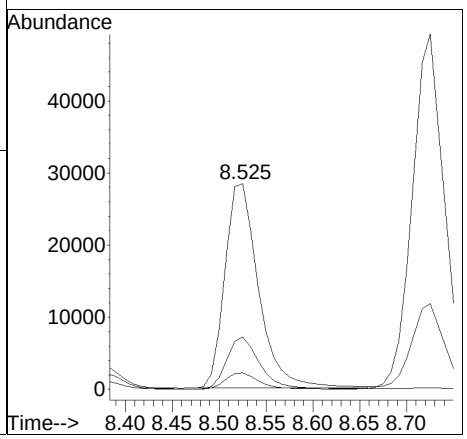


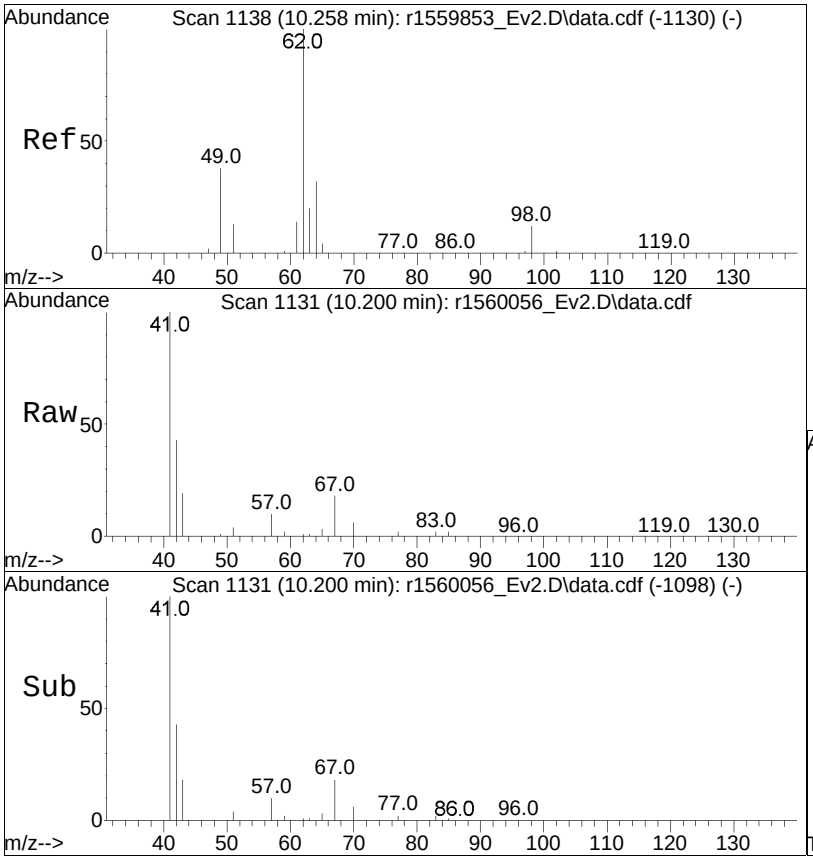


#28
2-butanone
Concen: 1.45 ppbV
RT: 8.525 min Scan# 932
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 43 Resp: 71271

Ion	Ratio	Lower	Upper
43	100		
72	25.5	19.4	29.2
57	8.1	6.5	9.7

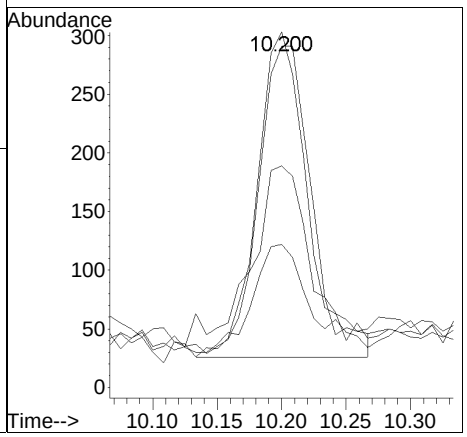


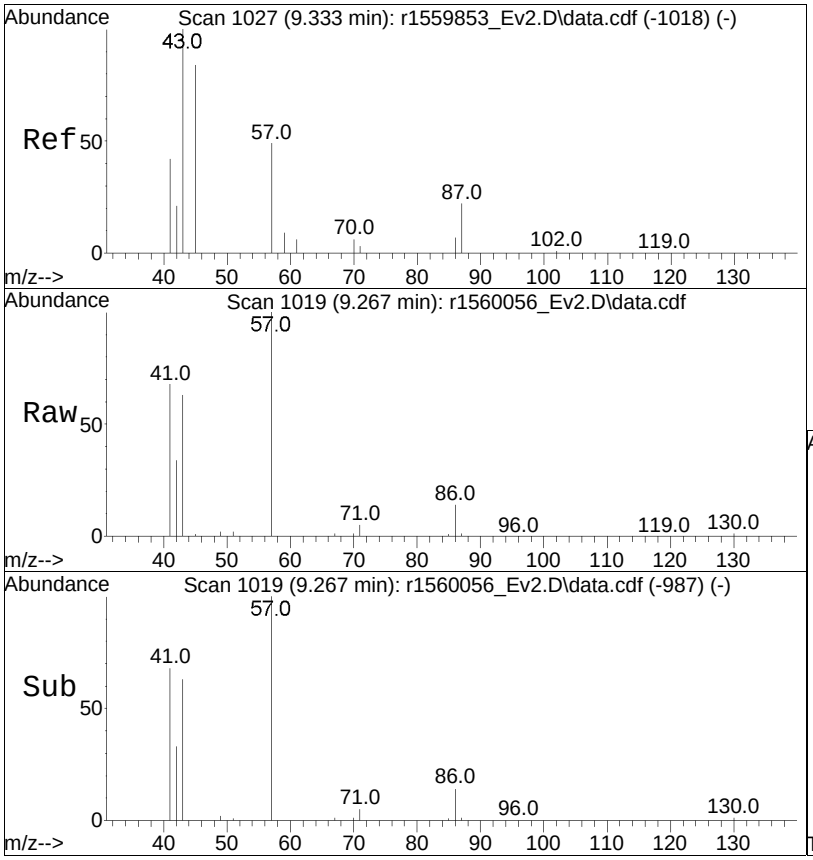


#33
1,2-dichloroethane
Concen: 0.03 ppbV
RT: 10.200 min Scan# 1131
Delta R.T. -0.058 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 62 Resp: 759

Ion	Ratio	Lower	Upper
62	100		
64	40.3	25.5	38.3#
49	62.4	30.9	46.3#
63	96.0	15.8	23.8#

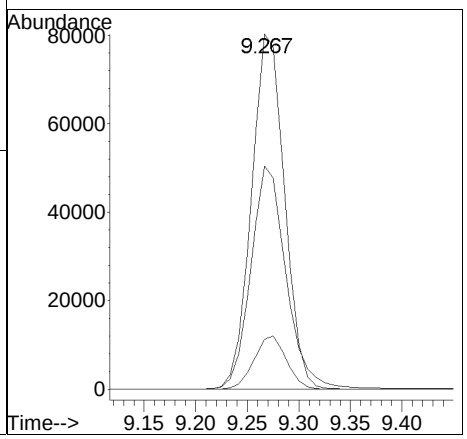


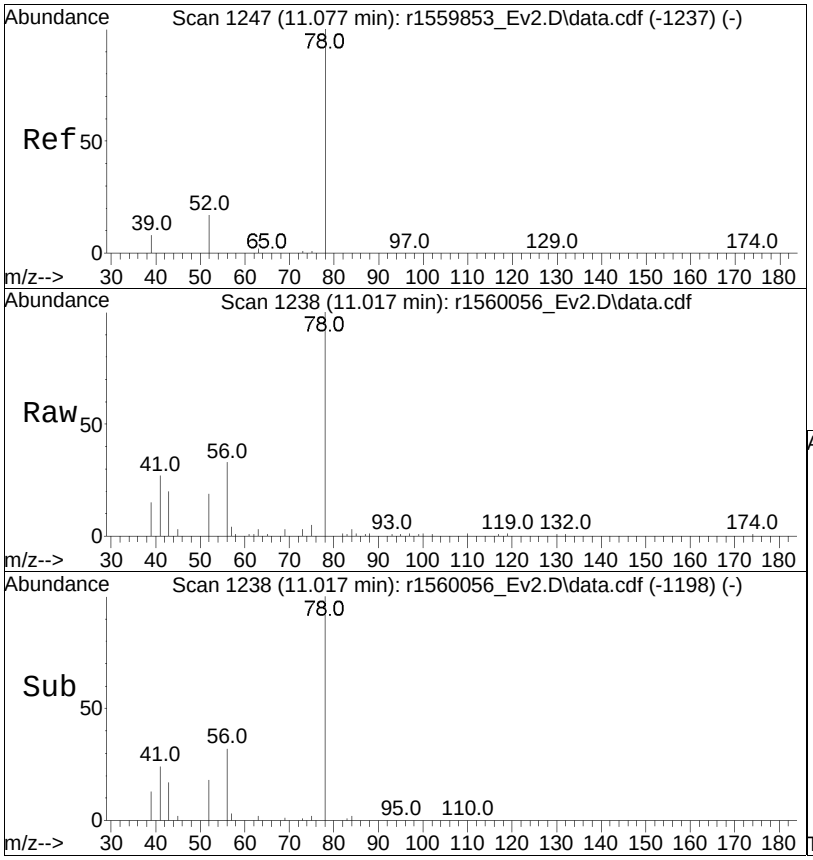


#35
hexane
Concen: 4.46 ppbV
RT: 9.267 min Scan# 1019
Delta R.T. -0.067 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 57 Resp: 178624

Ion	Ratio	Lower	Upper
57	100		
43	62.9	162.5	243.7#
86	14.1	12.2	18.2

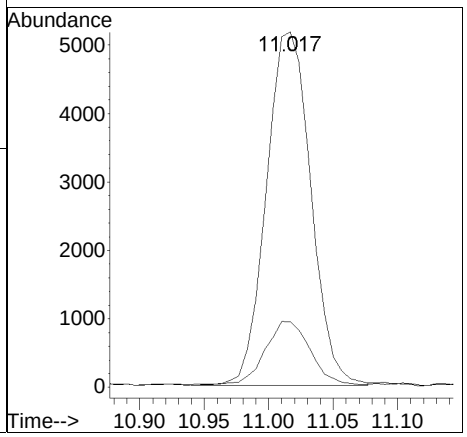


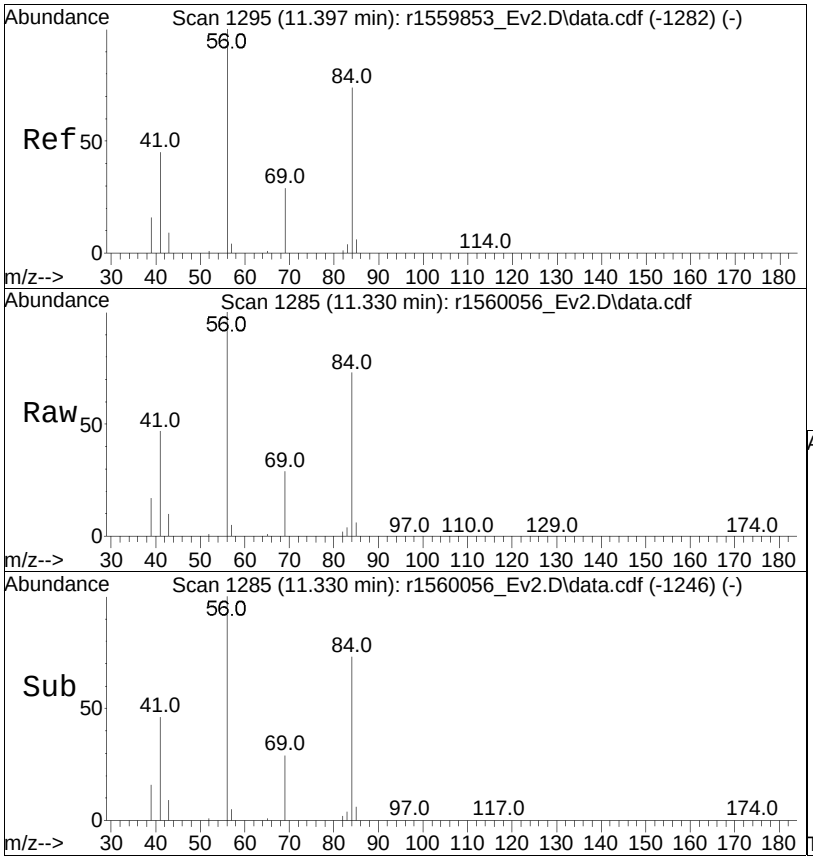


#38
benzene
Concen: 0.15 ppbV
RT: 11.017 min Scan# 1238
Delta R.T. -0.060 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 78 Resp: 12418

Ion	Ratio	Lower	Upper
78	100		
52	18.5	13.9	20.9

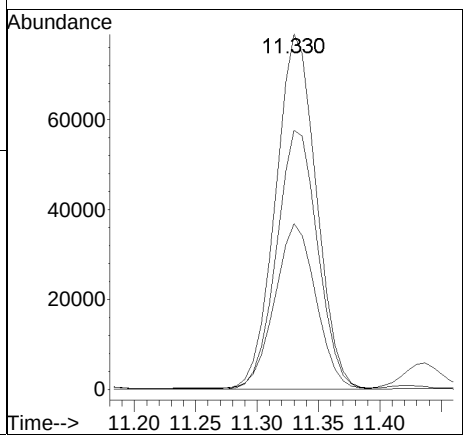


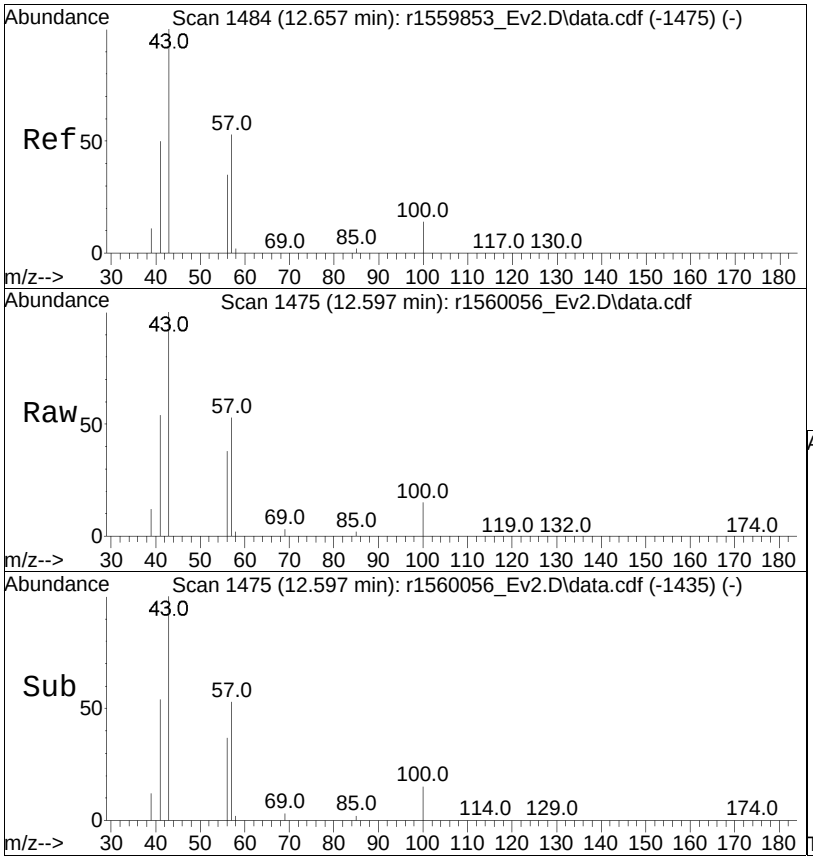


#40
cyclohexane
Concen: 4.25 ppbV
RT: 11.330 min Scan# 1285
Delta R.T. -0.067 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 56 Resp: 182343

Ion	Ratio	Lower	Upper
56	100		
84	72.9	59.8	89.8
41	46.6	36.2	54.4

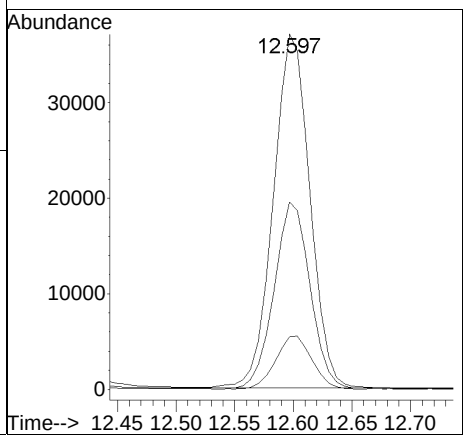


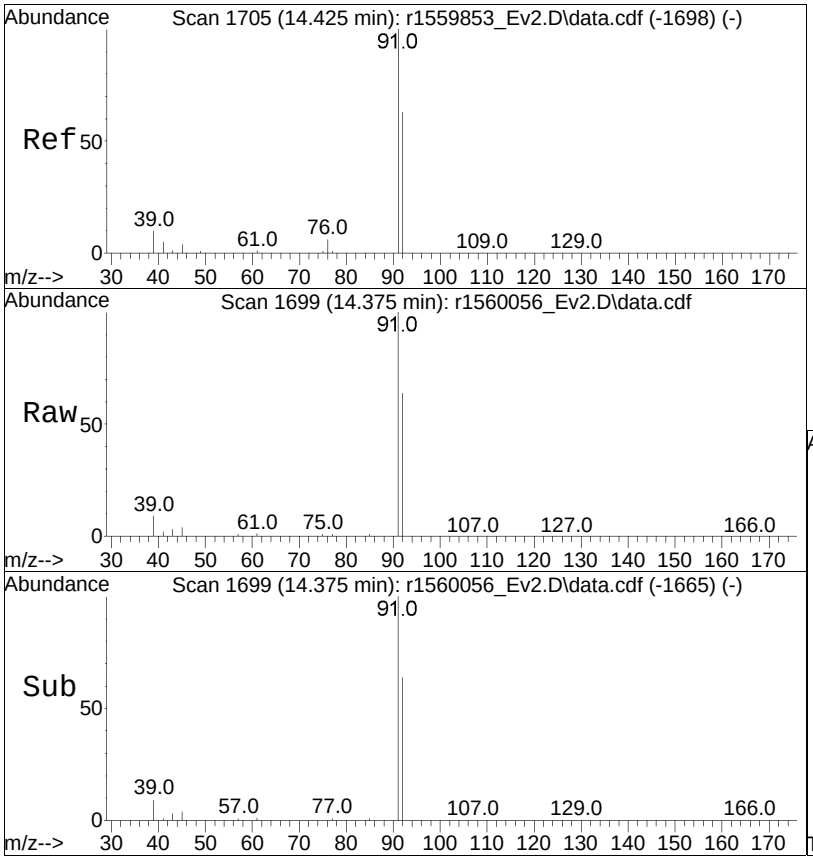


#47
heptane
Concen: 1.78 ppbV
RT: 12.597 min Scan# 1475
Delta R.T. -0.060 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 43 Resp: 80238

Ion	Ratio	Lower	Upper
43	100		
57	52.8	42.3	63.5
100	14.8	11.8	17.6

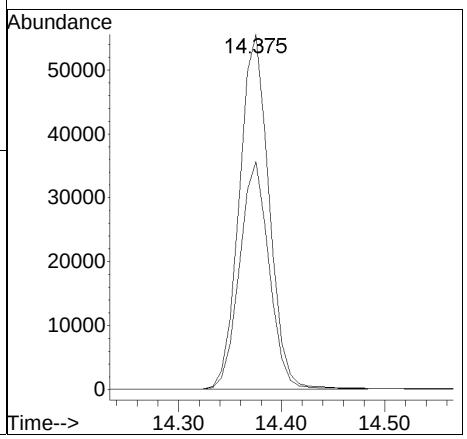


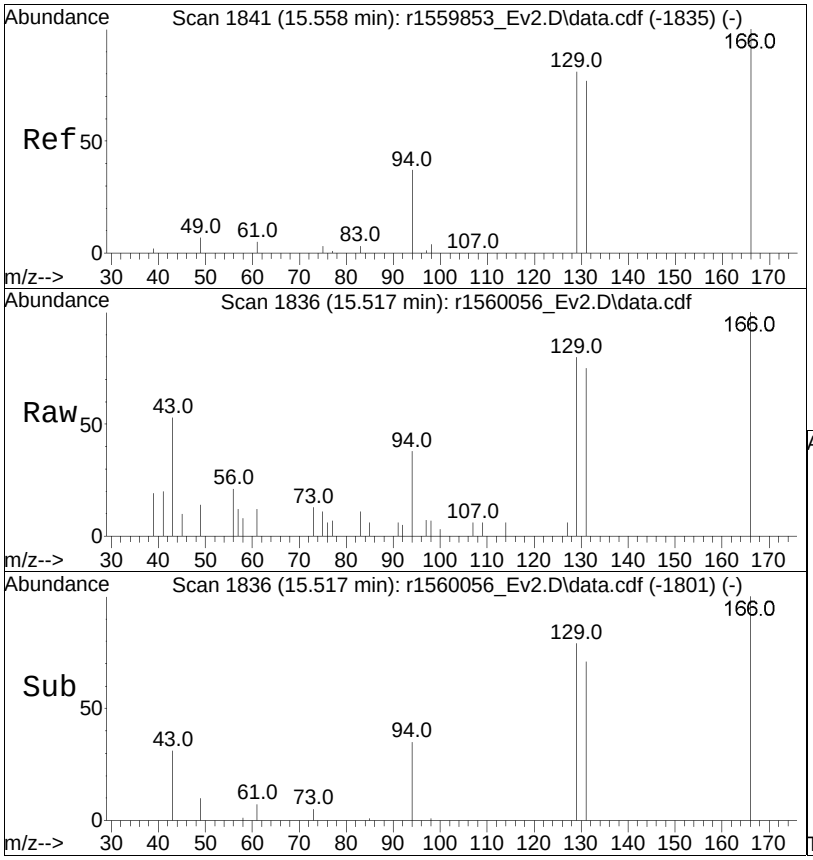


#53
toluene
Concen: 1.30 ppbV
RT: 14.375 min Scan# 1699
Delta R.T. -0.050 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 91 Resp: 111336

Ion	Ratio	Lower	Upper
91	100		
92	64.2	50.6	75.8

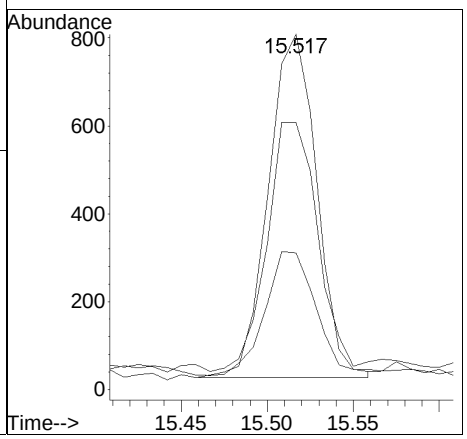


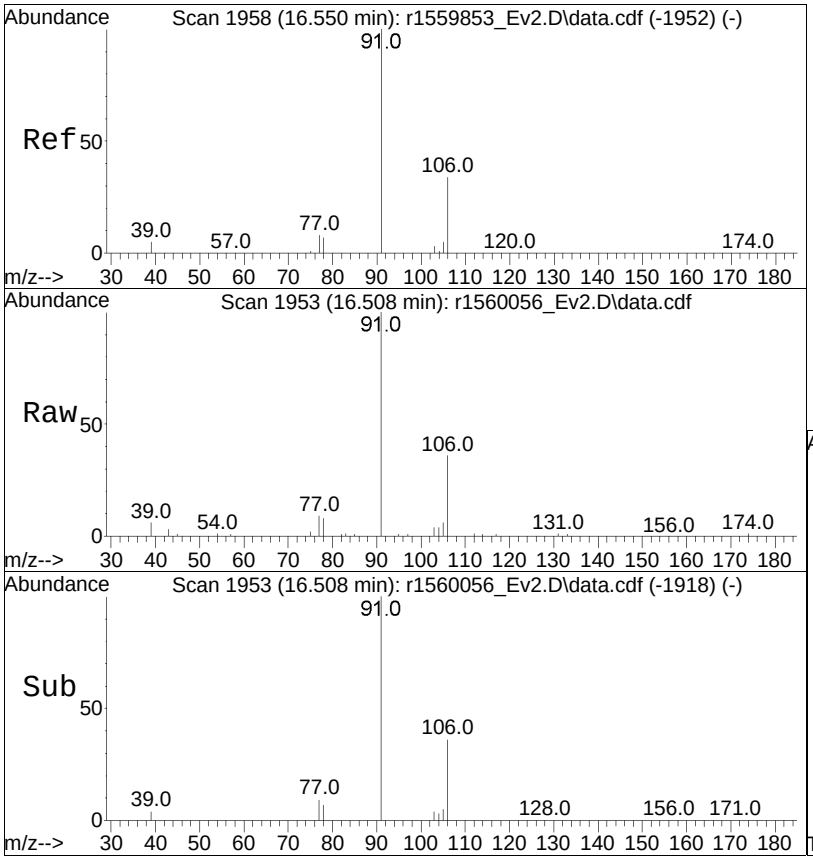


#58
tetrachloroethene
Concen: 0.05 ppbV
RT: 15.517 min Scan# 1836
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:166 Resp: 1530

Ion	Ratio	Lower	Upper
166	100		
131	75.0	61.3	91.9
94	38.4	29.4	44.2

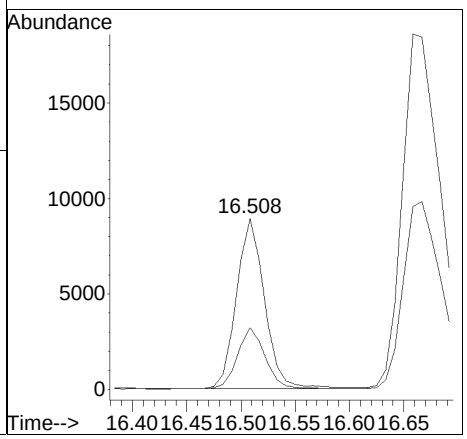


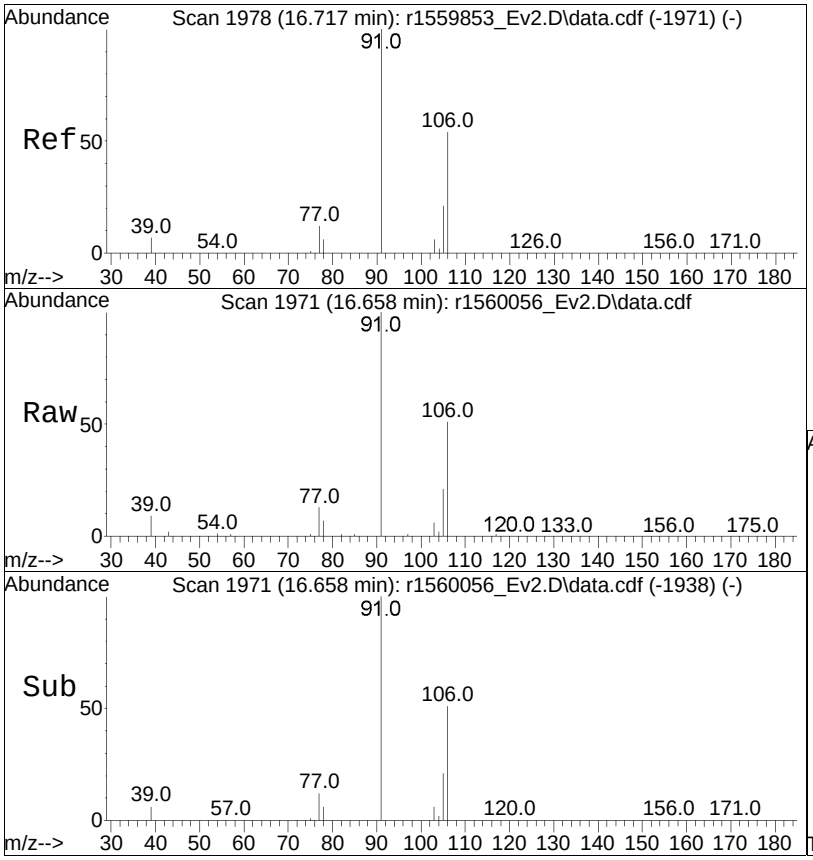


#61
ethylbenzene
Concen: 0.15 ppbV
RT: 16.508 min Scan# 1953
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 91 Resp: 15934

Ion	Ratio	Lower	Upper
91	100		
106	36.2	27.4	41.0

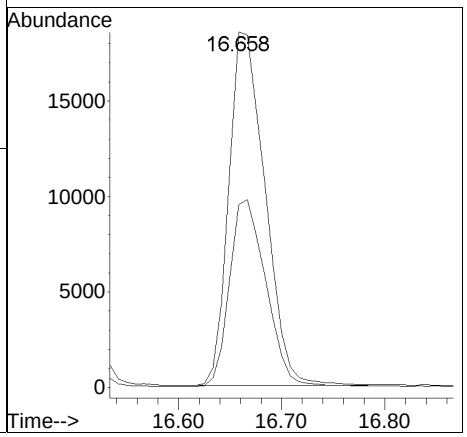


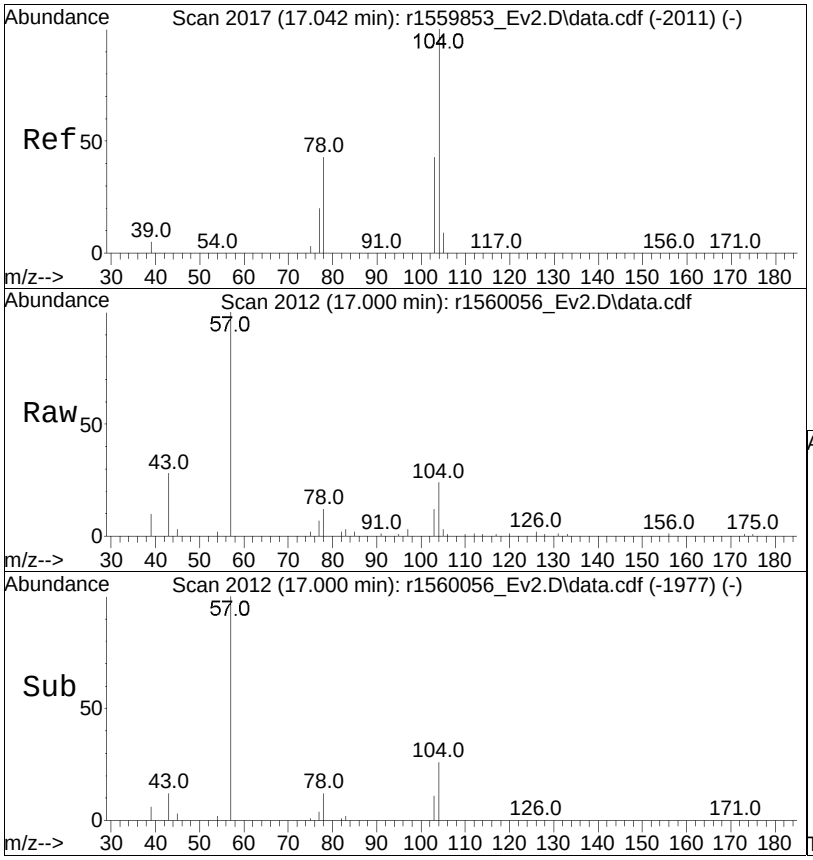


#62
m+p-xylene
Concen: 0.53 ppbV
RT: 16.658 min Scan# 1971
Delta R.T. -0.058 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 91 Resp: 45296

Ion	Ratio	Lower	Upper
91	100		
106	51.5	43.0	64.4

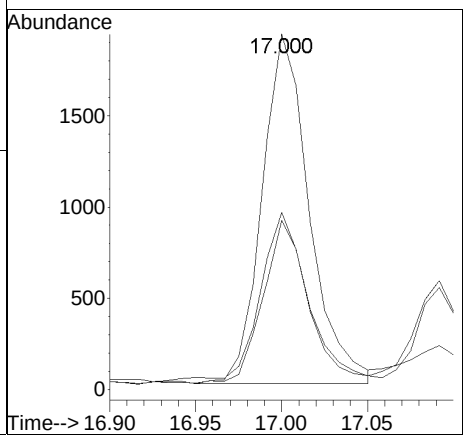


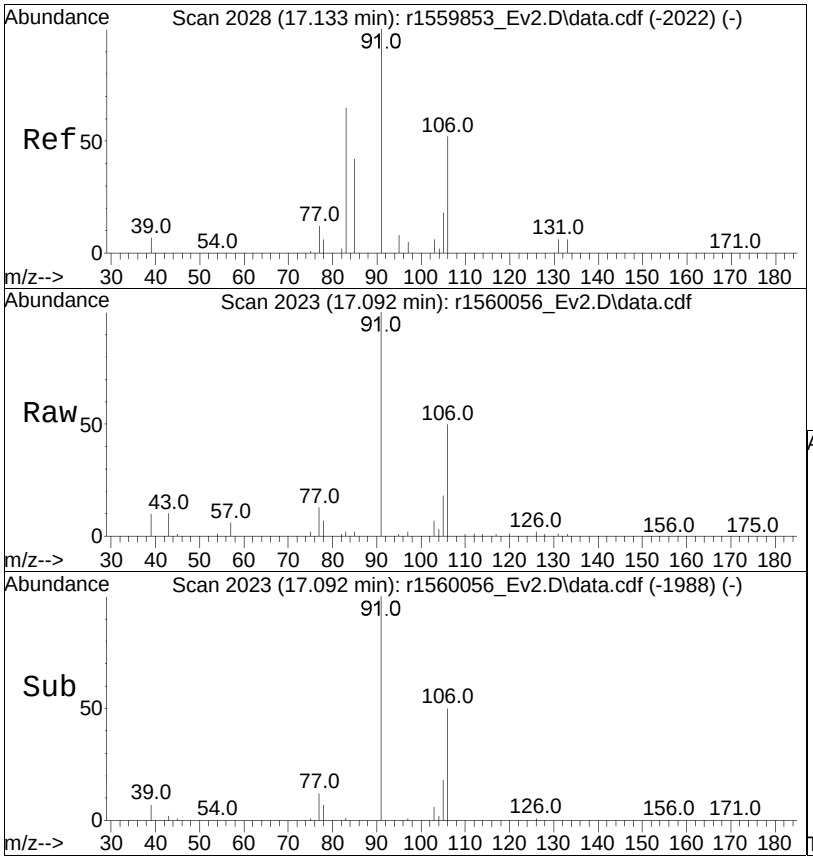


#64
styrene
Concen: 0.06 ppbV
RT: 17.000 min Scan# 2012
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:104 Resp: 3667

Ion	Ratio	Lower	Upper
104	100		
103	47.6	34.4	51.6
78	49.8	34.2	51.4

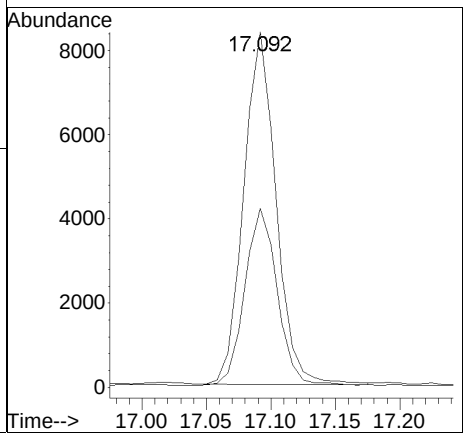


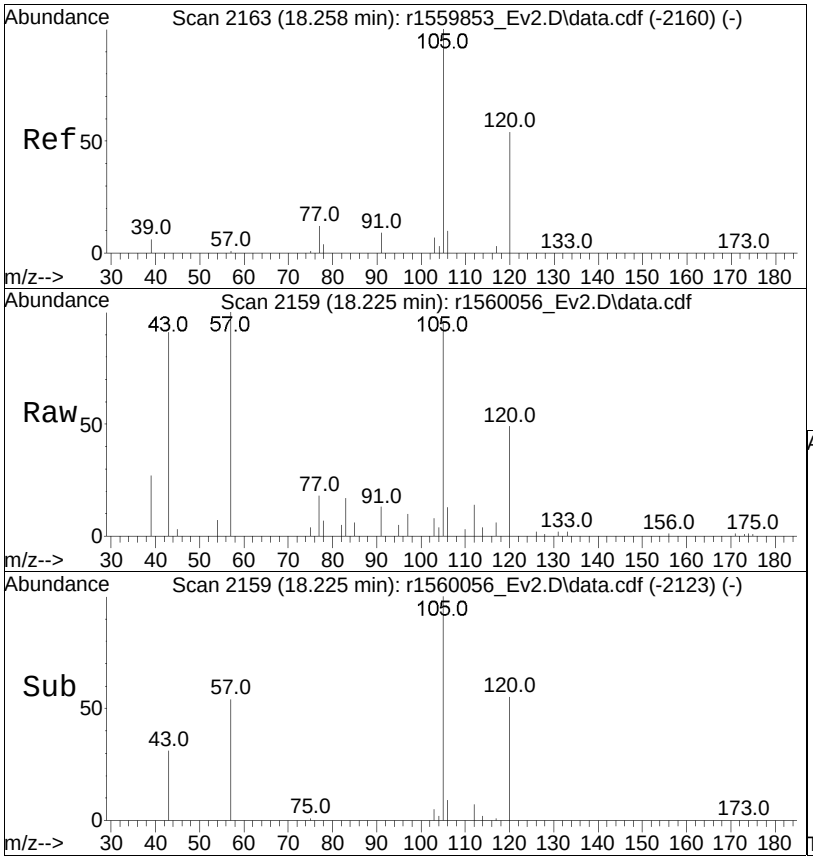


#66
o-xylene
Concen: 0.17 ppbV
RT: 17.092 min Scan# 2023
Delta R.T. -0.042 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion: 91 Resp: 14587

Ion	Ratio	Lower	Upper
91	100		
106	50.4	41.4	62.0

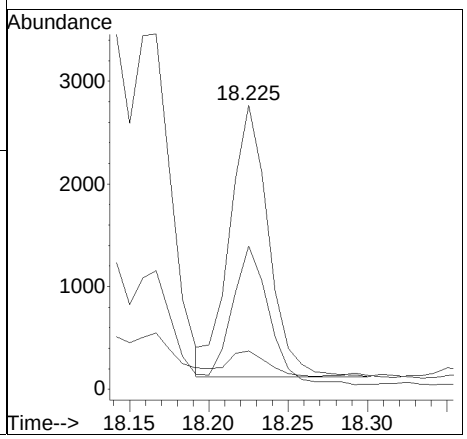


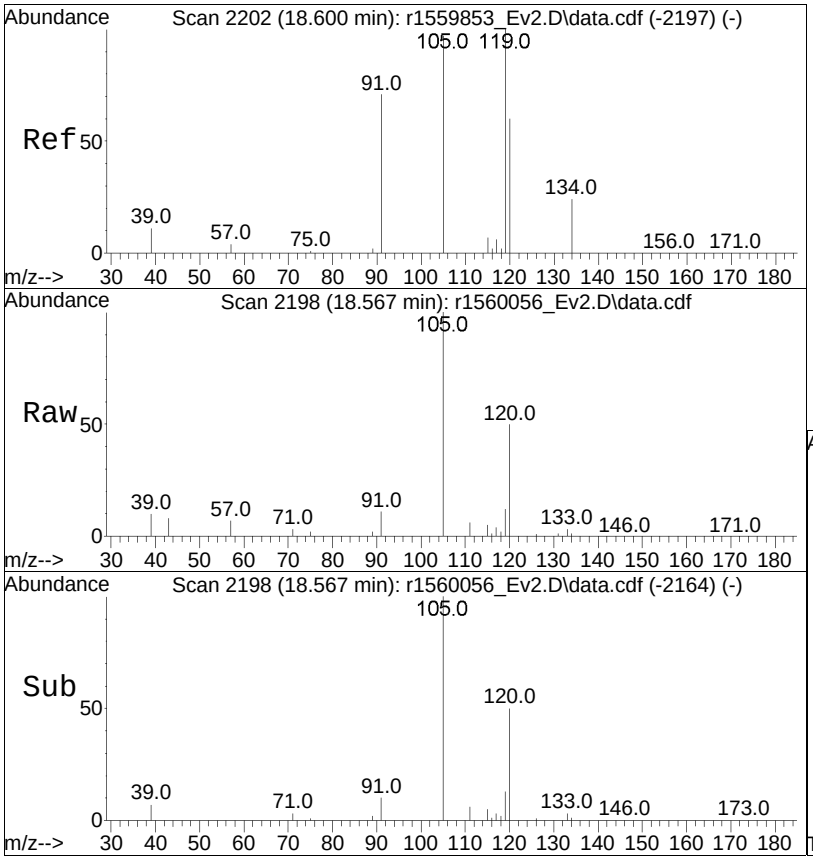


#72
1,3,5-trimethylbenzene
Concen: 0.05 ppbV
RT: 18.225 min Scan# 2159
Delta R.T. -0.033 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:105 Resp: 4496

Ion	Ratio	Lower	Upper
105	100		
120	50.5	42.7	64.1
91	13.6	7.7	11.5#

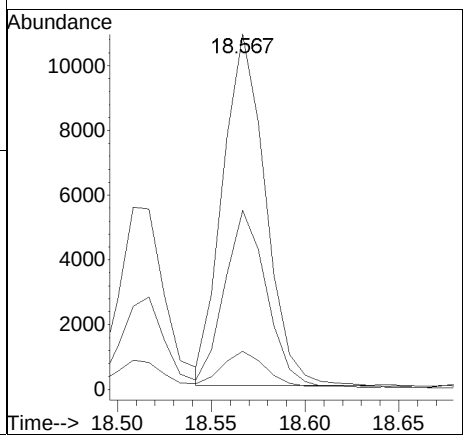


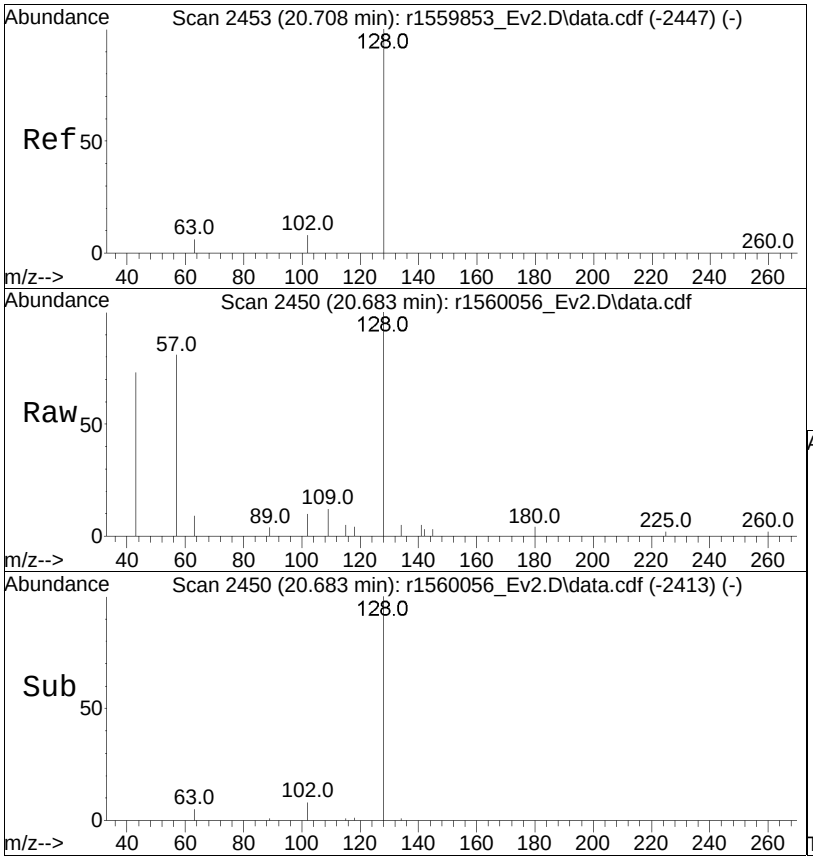


#74
1,2,4-trimethylbenzene
Concen: 0.18 ppbV
RT: 18.567 min Scan# 2198
Delta R.T. -0.033 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:105 Resp: 17217

Ion	Ratio	Lower	Upper
105	100		
120	50.4	49.3	73.9
91	10.7	58.3	87.5#

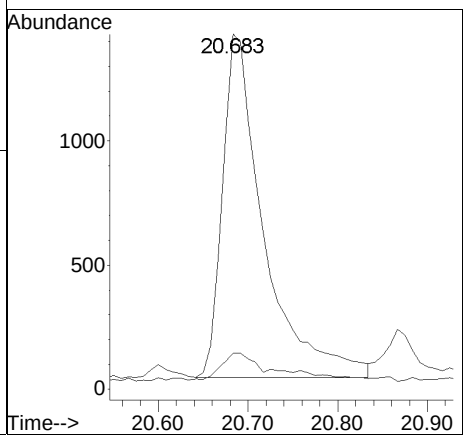




#85
naphthalene
Concen: 0.04 ppbV
RT: 20.683 min Scan# 2450
Delta R.T. -0.025 min
Lab File: r1560056_Ev2.D
Acq: 29 Mar 2026 11:16 PM

Tgt Ion:128 Resp: 4419

Ion	Ratio	Lower	Upper
128	100		
102	10.2	6.0	9.0#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab15\20	QMethod	: TSIM15_260320.M
Data File	: r1560056_Ev2.D	Operator	: AIRLAB15:TPH
Date Inj'd	: 3/29/2026 11:16 PM	Instrument	:
Sample	: L2612589-07D,3,100,250	Quant Date	: 3/30/2026 9:34 am

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22940**
Calibration dates	**: 01/07/26 21:01 01/08/26 02:05**		

Calibration Files

0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D

5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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				0.744	0.759	0.722	0.634	0.617	0.621	0.567	0.666	11.12
3)		dichlorodifluoromethane				2.218	2.294	2.269	2.049	1.975	1.948	1.721	2.068	10.03
4)	C	chloromethane				0.763	0.786	0.775	0.705	0.674	0.676	0.633	0.716	8.25
5)		Freon-114		2.455	2.471	2.441	2.529	2.470	2.226	2.128	2.085	1.813	2.291	10.61
6)	C	vinyl chloride	0.993	0.975	0.941	0.912	0.951	0.932	0.843	0.812	0.820	0.769	0.895	8.64
7)	C	1,3-butadiene	0.711	0.580	0.614	0.588	0.615	0.599	0.520	0.504	0.532	0.503	0.577	11.16
8)	C	bromomethane	1.007	0.920	0.890	0.874	0.888	0.865	0.794	0.772	0.792	0.744	0.855	9.33
9)	C	chloroethane			0.525	0.513	0.517	0.504	0.467	0.451	0.463	0.442	0.485	6.80
10)		ethanol					0.370	0.367	0.356	0.345	0.344	0.309	0.349	6.32
11)	C	vinyl bromide				0.856	0.933	0.889	0.779	0.760	0.807	0.759	0.826	8.22
12)	C	acrolein		0.433	0.483	0.440	0.401	0.392	0.373	0.363	0.376	0.360	0.402	10.34
13)		acetone				0.996	1.021	1.004	0.851	0.808	0.811	0.681	0.882	14.56
14)		trichlorofluoromethane		2.073	2.106	2.029	2.098	2.055	1.863	1.807	1.820	1.656	1.945	8.32
15)		isopropyl alcohol				1.405	1.284	1.304	0.895	0.870	1.009	0.889	1.094	20.97
16)	C	acrylonitrile				0.647	0.677	0.685	0.622	0.606	0.617	0.590	0.635	5.66
17)	C	1,1-dichloroethene	1.336	1.240	1.287	1.215	1.308	1.269	1.150	1.120	1.136	1.052	1.211	7.69
18)		tertiary butyl alcohol					1.505	1.541	1.366	1.365	1.582	1.400	1.460	6.49
19)	C	methylene chloride					0.849	0.849	0.806	0.719	0.729	0.741	0.782	7.68
20)	C	3-chloropropene				0.742	0.756	0.750	0.699	0.662	0.706	0.660	0.711	5.66
21)	C	carbon disulfide				2.329	2.405	2.343	2.052	1.988	2.080	1.857	2.151	9.69
22)		Freon 113	1.885	1.877	1.905	1.797	1.886	1.838	1.668	1.621	1.632	1.480	1.759	8.40
23)		trans-1,2-dichloroethene	1.141	1.075	1.111	1.069	1.115	1.094	0.969	0.955	1.125	0.955	1.061	6.92
24)	C	1,1-dichloroethane	1.579	1.461	1.486	1.451	1.488	1.471	1.341	1.319	1.495	1.250	1.434	6.91
25)	C	MTBE	2.219	2.141	2.239	2.079	2.172	2.115	1.855	1.878	2.057	1.745	2.050	8.18
26)	C	vinyl acetate					1.163	1.303	1.353	1.429	1.635	1.466	1.392	11.50
27)	C	2-butanone				1.488	1.506	1.829	1.576	1.689	1.750	1.618	1.637	7.71
28)		cis-1,2-dichloroethene	1.252	1.270	1.253	1.206	1.236	1.201	1.138	1.127	1.153	1.075	1.191	5.45
29)		Ethyl Acetate					0.412	0.375	0.261	0.289	0.307	0.263	0.318	19.56
30)	C	chloroform	2.014	1.947	1.988	1.833	1.915	1.868	1.724	1.686	1.731	1.604	1.831	7.59
31)		Tetrahydrofuran				0.699	0.678	0.693	0.655	0.657	0.684	0.663	0.676	2.60
32)	C	1,2-dichloroethane	1.181	1.064	1.122	1.061	1.079	1.060	0.992	0.986	1.014	0.956	1.051	6.44
33)	I	1,4-difluorobenzene	----------ISTD----------											
34)	C	hexane				0.474	0.470	0.466	0.333	0.329	0.343	0.316	0.390	19.28
35)	s	1,2-dichloroethane-D4				0.218	0.217	0.217	0.214	0.230	0.216	0.216	0.218	2.52
36)	C	1,1,1-trichloroethane	0.581	0.539	0.546	0.538	0.538	0.540	0.504	0.510	0.520	0.483	0.530	5.12

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22940**
Calibration dates	**: 01/07/26 21:01 01/08/26 02:05**		

Calibration Files

0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D

5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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		0.942	0.944	0.946	0.922	0.896	0.840	0.823	0.832	0.745	0.877	8.03
38)	C	carbon tetrachloride	0.536	0.515	0.519	0.515	0.516	0.516	0.486	0.482	0.499	0.462	0.505	4.37
39)		cyclohexane				0.399	0.398	0.393	0.350	0.344	0.374	0.341	0.371	7.05
40)		Dibromomethane		0.373	0.367	0.346	0.339	0.331	0.329	0.328	0.327	0.307	0.339	6.17
41)	C	1,2-dichloropropane	0.354	0.327	0.346	0.323	0.323	0.319	0.302	0.298	0.305	0.285	0.318	6.68
42)		bromodichloromethane	0.568	0.575	0.581	0.552	0.556	0.552	0.509	0.511	0.548	0.511	0.546	4.93
43)	C	1,4-dioxane			0.141	0.192	0.177	0.185	0.157	0.173	0.190	0.178	0.174	10.02
44)	C	trichloroethene	0.456	0.417	0.426	0.445	0.447	0.441	0.394	0.392	0.396	0.365	0.418	7.17
45)	C	2,2,4-trimethylpentane				1.205	1.234	1.214	1.044	1.051	1.085	0.950	1.112	9.64
46)		heptane				0.404	0.396	0.394	0.352	0.352	0.371	0.340	0.373	6.79
47)	C	cis-1,3-dichloropropene	0.457	0.444	0.458	0.449	0.451	0.460	0.433	0.442	0.469	0.437	0.450	2.50
48)	C	4-methyl-2-pentanone					0.513	0.523	0.486	0.483	0.503	0.458	0.494	4.73
49)		trans-1,3-dichloropropene	0.361	0.347	0.342	0.328	0.339	0.340	0.325	0.330	0.361	0.346	0.342	3.69
50)	C	1,1,2-trichloroethane	0.398	0.426	0.400	0.376	0.385	0.383	0.369	0.369	0.383	0.354	0.384	5.24
51)	I	chlorobenzene-D5	----------ISTD----------											
52)	C	toluene			8.399	7.939	8.133	8.190	7.380	7.349	7.262	6.286	7.617	9.06
53)	s	toluene-D8				5.945	5.946	5.984	5.813	5.927	5.819	5.874	5.901	1.13
54)		2-hexanone				3.597	3.312	3.762	3.414	3.436	3.566	3.214	3.472	5.33
55)		dibromochloromethane	4.162	4.004	4.110	3.874	3.923	4.012	3.679	3.757	3.983	3.719	3.922	4.17
56)	C	1,2-dibromoethane	4.647	4.362	4.364	4.037	4.150	4.188	3.870	3.891	4.014	3.665	4.119	6.97
57)	C	tetrachloroethene	4.017	3.666	3.843	3.664	3.658	3.667	3.303	3.300	3.335	3.041	3.549	8.32
58)		1,1,1,2-tetrachloroethane	3.281	3.165	3.214	2.998	3.092	3.115	3.071	3.108	3.108	2.890	3.104	3.49
59)	C	chlorobenzene	7.027	6.804	6.829	6.472	6.528	6.508	6.025	5.967	5.964	5.143	6.327	8.84
60)	C	ethylbenzene	1.075	1.023	1.046	0.998	1.008	1.025	0.951	0.945	0.916	0.766	0.975	9.05
61)	C	m+p-xylene	8.662	8.432	8.570	8.013	8.144	8.141	7.403	7.203	6.915	5.542	7.703	12.48
62)	C	bromoform	3.543	3.498	3.478	3.284	3.345	3.377	3.273	3.348	3.650	3.412	3.421	3.51
63)	C	styrene	4.919	5.166	5.477	5.517	5.638	5.934	5.637	5.771	5.859	5.104	5.502	6.16
64)	C	1,1,2,2-tetrachloroethane	6.669	6.510	6.642	5.786	5.923	5.985	5.670	5.578	5.731	4.913	5.941	9.18
65)	C	o-xylene	8.376	8.163	8.231	7.645	7.886	7.890	7.190	7.119	6.933	5.924	7.536	9.99
66)		1,2,3-Trichloropropane	4.930	4.671	4.785	4.281	4.327	4.364	4.302	4.291	4.213	3.794	4.396	7.38
67)	s	bromofluorobenzene				3.613	3.705	3.607	3.524	3.569	3.529	3.537	3.583	1.81
68)	C	isopropylbenzene				1.082	1.169	1.156	1.089	1.068	0.973	0.789	1.047	12.48
69)		Bromobenzene	7.608	8.133	8.138	7.047	7.107	7.080	6.887	6.771	6.539	5.734	7.104	10.22
70)		4-ethyl toluene	1.037	1.055	1.078	0.948	0.997	1.017	0.974	0.950	0.966	0.785	0.981	8.35
71)		1,3,5-trimethylbenzene	9.230	9.161	8.654	8.282	8.191	8.383	8.038	8.048	7.946	6.635	8.257	8.81
72)		tert-butylbenzene				9.106	9.300	9.403	9.512	9.344	8.859	7.401	8.989	8.15

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB26**	**Ical Ref**	**: ICAL22940**
Calibration dates	**: 01/07/26 21:01 01/08/26 02:05**		

Calibration Files

0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D

5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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	9.523	9.153	9.444	8.202	8.532	8.691	8.561	8.384	8.306	6.849	8.564	8.90
74) C	Benzyl Chloride			7.291	5.809	6.170	6.471	6.942	7.021	7.629	6.642	6.747	8.83
75)	1,3-dichlorobenzene	6.813	7.076	7.173	6.145	6.324	6.417	6.468	6.366	6.499	5.710	6.499	6.67
76) C	1,4-dichlorobenzene	8.184	7.808	7.956	6.550	6.432	6.400	6.425	6.370	6.585	5.657	6.837	12.23
77)	sec-butylbenzene				1.285	1.332	1.335	1.356	1.281	1.200	0.947	1.248	11.40
78)	p-isopropyltoluene				1.125	1.140	1.172	1.207	1.188	1.118	0.897	1.121	9.30
79)	1,2-dichlorobenzene	7.752	7.339	7.281	6.134	6.147	6.141	6.254	6.246	6.367	5.532	6.519	10.66
80)	n-butylbenzene				0.987	1.026	1.026	1.138	1.096	1.033	0.832	1.020	9.50
81)	1,2-dibromo-3-chloropr...	3.591	3.167	3.211	2.291	2.236	2.319	2.901	2.955	3.074	2.895	2.864	15.67
82) C	1,2,4-trichlorobenzene		7.326	7.558	4.735	4.765	5.064	6.096	6.114	6.555	6.173	6.043	17.09
83)	naphthalene		1.876	1.852	1.223	1.288	1.456	1.611	1.569	1.421	1.102	1.489	17.93
84)	1,2,3-trichlorobenzene		7.213	7.369	4.108	4.208	4.412	7.055	6.844	6.726	6.058	5.999	22.84
85) C	hexachlorobutadiene		4.543	4.774	2.859	3.017	3.059	4.141	4.292	4.429	4.139	3.917	18.70

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL23125**
Calibration dates	**: 03/05/26 06:48 03/05/26 12:31**		

Calibration Files

0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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)		1,1-difluoroethane	0.927	0.866	0.887	0.854	0.826	0.837	0.699	0.696	0.773		0.818	9.85
3)		propylene					0.752	0.754	0.597	0.668	0.764	0.752	0.715	9.45
4)		dichlorodifluoromethane				1.683	1.594	1.622	1.390	1.377	1.529	1.455	1.521	7.77
5)	C	chloromethane				0.742	0.787	0.766	0.645	0.673	0.706	0.714	0.719	7.00
6)		Freon-114		1.995	1.913	1.789	1.944	1.878	1.645	1.730	1.972	1.803	1.852	6.38
7)	C	vinyl chloride	0.900	0.974	0.910	0.880	1.029	0.924	0.840	0.940	1.074	0.969	0.944	7.44
8)	C	1,3-butadiene	0.670	0.602	0.566	0.539	0.619	0.560	0.506	0.573	0.685	0.597	0.592	9.41
9)	C	bromomethane	0.869	0.705	0.703	0.717	0.769	0.675	0.686	0.677	0.814	0.780	0.740	8.91
10)	C	chloroethane		0.481	0.449	0.420	0.489	0.406	0.425	0.431	0.531	0.525	0.462	10.02
11)		ethanol						0.793	0.702	0.660	0.766	0.679	0.720	7.94
12)	C	vinyl bromide		0.771	0.810	0.746	0.718	0.723	0.640	0.693	0.793	0.780	0.742	7.28
13)	C	acrolein		0.432	0.480	0.420	0.378	0.393	0.347	0.378	0.438	0.432	0.411	9.82
14)		acetone				1.147	1.084	1.115	0.879	0.939	1.014	0.984	1.023	9.51
15)		trichlorofluoromethane		1.618	1.716	1.651	1.562	1.595	1.378	1.442	1.561	1.496	1.558	6.75
16)		isopropyl alcohol				1.119	1.050	1.075	1.035	1.140	1.229	1.236	1.126	7.22
17)	C	acrylonitrile				0.615	0.598	0.641	0.577	0.626	0.702	0.702	0.637	7.60
18)	C	1,1-dichloroethene	1.541	1.401	1.415	1.360	1.298	1.323	1.165	1.232	1.351	1.298	1.338	7.72
19)		tertiary butyl alcohol					1.440	1.516	1.399	1.532	1.712	1.758	1.560	9.31
20)	C	methylene chloride					0.902	0.896	0.757	0.790	0.873	0.845	0.844	7.01
21)	C	3-chloropropene		1.062	1.085	1.028	1.000	1.016	0.916	0.991	1.163	1.164	1.047	7.76
22)	C	carbon disulfide				2.186	2.087	2.127	1.918	2.040	2.333	2.286	2.140	6.69
23)		Freon 113		1.811	1.815	1.781	1.701	1.705	1.486	1.583	1.782	1.721	1.709	6.48
24)		trans-1,2-dichloroethene	1.359	1.289	1.340	1.288	1.213	1.260	1.098	1.170	1.323	1.281	1.262	6.41
25)	C	1,1-dichloroethane	1.910	1.764	1.748	1.686	1.607	1.645	1.432	1.535	1.748	1.707	1.678	7.91
26)	C	MTBE	1.927	1.768	1.824	1.756	1.689	1.730	1.532	1.655	1.896	1.884	1.766	6.93
27)	C	vinyl acetate					1.164	1.208	1.198	1.467	1.883	2.028	1.491	25.37
28)	C	2-butanone					1.335	1.432	1.306	1.431	1.669	1.682	1.476	11.01
29)		cis-1,2-dichloroethene	1.578	1.329	1.385	1.294	1.241	1.274	1.117	1.189	1.336	1.294	1.304	9.46
30)		Ethyl Acetate					0.240	0.270	0.260	0.291	0.344	0.341	0.291	14.81
31)	C	chloroform	1.692	1.618	1.732	1.575	1.473	1.495	1.271	1.327	1.468	1.397	1.505	10.03
32)		Tetrahydrofuran					0.717	0.749	0.700	0.762	0.895	0.907	0.788	11.44
33)	C	1,2-dichloroethane	1.084	1.118	1.053	1.006	0.975	0.992	0.849	0.896	0.988	0.951	0.991	8.25
34)	I	1,4-difluorobenzene	----------ISTD----------											
35)	C	hexane				0.496	0.466	0.481	0.431	0.451	0.457	0.427	0.458	5.47
36)	s	1,2-dichloroethane-D4				0.249	0.245	0.247	0.233	0.249	0.251	0.239	0.245	2.70

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL23125**
Calibration dates	**: 03/05/26 06:48 03/05/26 12:31**		

Calibration Files

0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D

1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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	1,1,1-trichloroethane	0.545	0.501	0.465	0.464	0.434	0.441	0.383	0.404	0.433	0.417	0.449	10.58
38)	C	benzene		1.020	0.955	0.923	0.868	0.888	0.742	0.786	0.859	0.840	0.876	9.64
39)	C	carbon tetrachloride	0.427	0.417	0.397	0.389	0.371	0.376	0.337	0.359	0.390	0.381	0.384	6.85
40)		cyclohexane				0.492	0.482	0.488	0.420	0.443	0.480	0.460	0.466	5.71
41)		Dibromomethane		0.362	0.350	0.330	0.313	0.315	0.267	0.281	0.311	0.302	0.315	9.57
42)	C	1,2-dichloropropane	0.420	0.385	0.396	0.366	0.349	0.356	0.310	0.333	0.373	0.368	0.366	8.59
43)		bromodichloromethane	0.432	0.455	0.437	0.449	0.419	0.437	0.385	0.409	0.443	0.435	0.430	4.80
44)	C	1,4-dioxane			0.131	0.180	0.165	0.182	0.150	0.173	0.184	0.195	0.170	12.27
45)	C	trichloroethene	0.536	0.466	0.468	0.472	0.435	0.458	0.396	0.423	0.445	0.430	0.453	8.28
46)	C	2,2,4-trimethylpentane				1.536	1.479	1.490	1.296	1.355	1.463	1.389	1.430	5.96
47)		heptane				0.488	0.473	0.485	0.425	0.455	0.506	0.501	0.476	5.93
48)	C	cis-1,3-dichloropropene	0.396	0.316	0.358	0.369	0.345	0.357	0.323	0.352	0.404	0.409	0.363	8.84
49)	C	4-methyl-2-pentanone					0.512	0.539	0.486	0.527	0.602	0.614	0.547	9.31
50)		trans-1,3-dichloropropene	0.209	0.185	0.229	0.223	0.230	0.240	0.221	0.244	0.281	0.287	0.235	13.10
51)	C	1,1,2-trichloroethane	0.385	0.383	0.383	0.384	0.366	0.376	0.327	0.350	0.388	0.384	0.373	5.35
52)	I	chlorobenzene-D5	----------ISTD----------											
53)	C	toluene			8.309	8.137	7.802	8.030	6.944	7.293	8.182	7.826	7.815	6.04
54)	s	toluene-D8				6.281	6.693	6.540	6.055	6.694	7.371	7.043	6.668	6.64
55)		2-hexanone				2.102	2.626	3.237	1.819	3.335	2.714	3.971	2.829	26.33
56)		dibromochloromethane	3.586	3.590	3.417	3.343	3.334	3.491	3.197	3.440	3.965	3.865	3.523	6.78
57)	C	1,2-dibromoethane	3.317	3.139	3.466	3.331	3.304	3.428	3.034	3.241	3.791	3.777	3.383	7.27
58)	C	tetrachloroethene	3.600	3.143	3.117	3.047	2.878	2.983	2.607	2.725	3.100	3.056	3.026	8.87
59)		1,1,1,2-tetrachloroethane	3.263	2.921	3.085	2.862	2.805	2.891	2.544	2.705	3.183	3.072	2.933	7.54
60)	C	chlorobenzene	6.438	6.440	6.348	6.001	5.801	5.928	5.267	5.575	6.484	6.421	6.070	7.01
61)	C	ethylbenzene	1.075	0.991	1.007	0.969	0.957	0.986	0.894	0.939	1.066	1.012	0.989	5.54
62)	C	m+p-xylene	8.326	7.254	7.668	7.618	7.564	7.847	7.109	7.418	8.406	7.867	7.708	5.46
63)	C	bromoform	2.328	2.201	2.199	2.172	2.215	2.299	2.312	2.518	2.986	2.996	2.423	13.03
64)	C	styrene	4.662	4.535	4.850	5.010	5.084	5.387	5.191	5.529	6.514	6.484	5.325	12.93
65)	C	1,1,2,2-tetrachloroethane	5.479	5.309	5.318	5.189	4.975	5.079	4.376	4.651	5.522	5.450	5.135	7.33
66)	C	o-xylene	8.111	8.092	7.880	7.721	7.681	7.974	7.167	7.492	8.367	7.784	7.827	4.36
67)		1,2,3-Trichloropropane	3.385	3.451	3.553	3.588	3.454	3.523	3.058	3.228	3.855	3.891	3.499	7.24
68)	s	bromofluorobenzene				3.836	4.191	4.088	4.058	4.020	5.087	4.807	4.298	10.77
69)	C	isopropylbenzene				0.959	0.948	0.965	0.839	0.886	1.039	1.016	0.950	7.30
70)		Bromobenzene	4.456	4.079	4.611	4.788	4.535	4.678	4.203	4.348	5.096	5.077	4.587	7.38
71)		4-ethyl toluene	0.816	0.804	0.887	0.825	0.847	0.882	0.818	0.869	1.006	0.993	0.875	8.20
72)		1,3,5-trimethylbenzene	8.262	7.511	7.972	7.656	7.592	7.933	7.152	7.487	8.575	8.458	7.860	5.88

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB17**	**Ical Ref**	**: ICAL23125**
Calibration dates	**: 03/05/26 06:48 03/05/26 12:31**		

Calibration Files

0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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)		tert-butylbenzene				8.703	8.656	8.870	7.772	8.092	9.345	9.069	8.644	6.32
74)		1,2,4-trimethylbenzene	7.724	7.388	7.718	7.579	7.613	7.900	7.277	7.670	8.865	8.606	7.834	6.51
75)	C	Benzyl Chloride			3.357	3.538	3.848	4.279	4.503	5.189	6.700	7.080	4.812	29.29
76)		1,3-dichlorobenzene	3.962	4.069	4.770	4.578	4.700	4.854	4.670	4.930	5.781	5.859	4.817	12.78
77)	C	1,4-dichlorobenzene	4.598	4.153	4.859	4.699	4.592	4.840	4.633	4.817	5.546	5.732	4.847	9.60
78)		sec-butylbenzene				1.155	1.144	1.187	1.053	1.098	1.282	1.253	1.167	6.94
79)		1,2,3-trimethylbenzene				8.204	8.275	8.523	7.500	7.872	9.114	8.807	8.328	6.57
80)		p-isopropyltoluene				1.061	1.068	1.084	0.957	0.983	1.127	1.084	1.052	5.74
81)		1,2-dichlorobenzene	5.019	5.419	5.657	4.649	5.134	5.254	4.385	4.857	5.286	5.432	5.109	7.61
82)		n-butylbenzene				0.883	0.879	0.913	0.853	0.875	1.001	0.969	0.910	5.99
83)		1,2-dibromo-3-chloropr...	1.683	1.318	1.682	1.585	1.561	1.661	1.536	1.636	1.987	2.090	1.674	13.20
84)	C	1,2,4-trichlorobenzene		2.041	2.829	2.514	2.442	2.555	2.852	2.985	3.374	3.893	2.832	19.33
85)		naphthalene		0.681	0.942	0.791	0.811	0.829	0.870	0.951	1.049	1.174	0.900	16.44
86)		1,2,3-trichlorobenzene		2.297	3.057	2.552	2.616	2.585	2.692	2.803	3.009	3.612	2.802	13.68
87)	C	hexachlorobutadiene		3.005	3.404	2.999	2.931	2.763	2.713	2.660	2.750	3.030	2.917	7.89

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB15**	**Ical Ref**	**: ICAL23169**
Calibration dates	**: 03/20/26 17:45 03/20/26 23:34**		

Calibration Files

0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D

1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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)		1,1-difluoroethane				0.851	0.772	0.850	0.747	0.725	0.699	0.521	0.738	15.19
3)		propylene				0.900	0.668	0.700	0.548	0.567	0.599	0.584	0.652	18.72
4)		dichlorodifluoromethane				1.324	1.219	1.331	1.236	1.222	1.218	1.079	1.233	6.81
5)	C	chloromethane				0.571	0.516	0.567	0.524	0.530	0.530	0.498	0.534	4.95
6)		Freon-114		1.355	1.337	1.398	1.275	1.399	1.288	1.295	1.286	1.132	1.307	6.21
7)	C	vinyl chloride	0.726	0.624	0.635	0.655	0.589	0.653	0.613	0.658	0.682	0.669	0.650	5.90
8)	C	1,3-butadiene	0.501	0.488	0.453	0.484	0.454	0.488	0.436	0.454	0.487	0.450	0.470	4.74
9)	C	bromomethane	0.571	0.541	0.515	0.527	0.472	0.527	0.490	0.519	0.537	0.520	0.522	5.18
10)	C	chloroethane			0.300	0.318	0.278	0.305	0.286	0.304	0.318	0.323	0.304	5.21
11)		ethanol					0.393	0.438	0.365	0.483	0.514	0.452	0.441	12.56
12)	C	vinyl bromide				0.448	0.413	0.455	0.407	0.433	0.566	0.488	0.459	11.92
13)	C	acrolein		0.330	0.243	0.265	0.244	0.284	0.271	0.290	0.402	0.308	0.293	16.92
14)		acetone				0.650	0.583	0.632	0.775	0.620	0.830	0.579	0.667	14.61
15)		trichlorofluoromethane		0.977	0.944	1.029	0.914	0.996	1.091	1.133	1.141	0.937	1.018	8.43
16)		isopropyl alcohol					0.696	0.763	0.949	1.015	1.109	0.753	0.881	18.92
17)	C	acrylonitrile				0.441	0.431	0.468	0.609	0.657	0.712	0.513	0.547	20.45
18)	C	1,1-dichloroethene	0.959	0.948	0.936	0.975	0.897	0.987	0.947	0.998	1.026	0.986	0.966	3.78
19)		tertiary butyl alcohol					1.068	1.223	1.164	1.310	1.421	1.369	1.259	10.51
20)	C	methylene chloride					0.853	0.913	0.837	0.867	0.858	0.806	0.856	4.13
21)	C	3-chloropropene					0.765	0.850	0.804	0.853	0.943	0.914	0.855	7.74
22)	C	carbon disulfide				1.603	1.467	1.668	1.583	1.679	1.852	1.758	1.658	7.52
23)		Freon 113	1.365	1.243	1.185	1.268	1.147	1.256	1.171	1.212	1.251	1.197	1.230	5.06
24)		trans-1,2-dichloroethene	0.923	0.820	0.807	0.899	0.817	0.911	0.823	0.878	0.984	0.952	0.881	7.09
25)	C	1,1-dichloroethane	1.291	1.209	1.175	1.228	1.123	1.236	1.174	1.234	1.276	1.235	1.218	4.12
26)	C	MTBE	1.412	1.353	1.312	1.445	1.315	1.472	1.341	1.417	1.536	1.464	1.407	5.31
27)	C	vinyl acetate					1.016	1.168	0.998	1.159	1.446	1.533	1.220	18.19
28)	C	2-butanone				1.339	1.327	1.458	1.332	1.418	1.421	1.361	1.379	3.79
29)		cis-1,2-dichloroethene	0.963	0.852	0.863	0.918	0.843	0.943	0.917	0.976	1.020	0.981	0.928	6.47
30)		Ethyl Acetate					0.194	0.228	0.213	0.229	0.260	0.256	0.230	10.99
31)	C	chloroform	1.432	1.353	1.293	1.304	1.191	1.317	1.243	1.290	1.286	1.189	1.290	5.62
32)		Tetrahydrofuran				0.681	0.632	0.728	0.665	0.714	0.782	0.760	0.709	7.51
33)	C	1,2-dichloroethane	0.888	0.754	0.768	0.768	0.713	0.781	0.735	0.771	0.771	0.731	0.768	6.19
34)	I	1,4-difluorobenzene	----------ISTD----------											
35)	C	hexane				0.506	0.411	0.487	0.445	0.508	0.500	0.444	0.472	8.08
36)	s	1,2-dichloroethane-D4				0.245	0.211	0.252	0.234	0.265	0.227	0.220	0.236	7.94

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB15**	**Ical Ref**	**: ICAL23169**
Calibration dates	**: 03/20/26 17:45 03/20/26 23:34**		

Calibration Files

0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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	1,1,1-trichloroethane	0.422	0.397	0.412	0.408	0.332	0.430	0.410	0.462	0.422	0.395	0.409	8.10
38)	C	benzene			1.045	1.066	0.835	0.979	0.936	1.061	0.965	0.866	0.969	9.00
39)	C	carbon tetrachloride	0.330	0.354	0.365	0.380	0.299	0.369	0.363	0.420	0.382	0.339	0.360	9.09
40)		cyclohexane				0.538	0.426	0.515	0.473	0.548	0.541	0.496	0.505	8.77
41)		Dibromomethane		0.326	0.304	0.311	0.254	0.297	0.275	0.313	0.297	0.272	0.294	7.84
42)	C	1,2-dichloropropane	0.400	0.336	0.344	0.341	0.283	0.330	0.321	0.369	0.345	0.323	0.339	9.05
43)		bromodichloromethane	0.531	0.406	0.425	0.450	0.368	0.442	0.425	0.493	0.477	0.431	0.445	10.42
44)	C	1,4-dioxane			0.166	0.193	0.156	0.187	0.178	0.209	0.213	0.200	0.188	10.76
45)	C	trichloroethene	0.416	0.345	0.372	0.411	0.325	0.391	0.383	0.440	0.411	0.374	0.387	8.96
46)	C	2,2,4-trimethylpentane		1.449	1.581	1.609	1.332	1.611	1.430	1.627	1.600	1.431	1.519	7.13
47)		heptane				0.568	0.463	0.558	0.513	0.579	0.551	0.492	0.532	8.14
48)	C	cis-1,3-dichloropropene	0.329	0.342	0.355	0.399	0.312	0.385	0.394	0.468	0.431	0.395	0.381	12.50
49)	C	4-methyl-2-pentanone					0.487	0.621	0.587	0.674	0.647	0.583	0.600	10.91
50)		trans-1,3-dichloropropene	0.254	0.192	0.243	0.264	0.213	0.261	0.270	0.324	0.303	0.279	0.260	14.92
51)	C	1,1,2-trichloroethane	0.346	0.333	0.364	0.360	0.294	0.347	0.336	0.385	0.356	0.331	0.345	7.02
52)	I	chlorobenzene-D5	----------ISTD----------											
53)	C	toluene			5.780	6.504	5.143	6.104	5.906	6.606	6.570	5.957	6.071	8.14
54)	s	toluene-D8				5.189	4.413	5.226	4.828	5.391	5.227	5.210	5.069	6.62
55)		2-hexanone				2.807	2.293	3.142	3.008	3.368	3.521	3.147	3.041	13.24
56)		dibromochloromethane	2.188	1.971	2.184	2.247	1.849	2.234	2.247	2.618	2.860	2.611	2.301	13.42
57)	C	1,2-dibromoethane	2.485	2.407	2.674	2.816	2.344	2.770	2.680	3.034	3.007	2.731	2.695	8.61
58)	C	tetrachloroethene	2.485	2.093	2.428	2.589	2.057	2.424	2.296	2.589	2.598	2.339	2.390	8.19
59)		1,1,1,2-tetrachloroethane	2.043	1.898	2.033	2.037	1.680	2.003	1.978	2.271	2.332	2.097	2.037	8.92
60)	C	chlorobenzene	5.335	4.832	5.280	5.367	4.296	5.065	4.853	5.424	5.326	4.662	5.044	7.41
61)	C	ethylbenzene	7.308	6.560	7.562	7.707	6.273	7.803	7.718	8.731	8.608	7.689	7.596	10.10
62)	C	m+p-xylene	5.676	5.283	6.008	6.183	5.173	6.355	6.264	7.002	6.830	5.976	6.075	9.77
63)	C	bromoform	1.396	1.412	1.593	1.650	1.356	1.662	1.746	2.118	2.342	2.166	1.744	20.02
64)	C	styrene	3.534	3.357	4.246	4.559	3.785	4.815	4.863	5.534	5.480	4.947	4.512	16.97
65)	C	1,1,2,2-tetrachloroethane	4.289	4.081	4.624	4.876	3.909	4.607	4.511	5.131	4.966	4.222	4.522	8.80
66)	C	o-xylene	5.446	5.131	6.110	6.342	5.244	6.403	6.326	7.057	6.799	5.820	6.068	10.67
67)		1,2,3-Trichloropropane	2.978	3.153	3.548	3.721	3.022	3.604	3.384	3.781	3.674	3.269	3.413	8.65
68)	s	bromofluorobenzene				3.563	3.267	3.669	3.176	3.672	3.710	3.690	3.535	6.25
69)	C	isopropylbenzene				8.725	7.099	8.533	8.098	8.987	8.904	7.836	8.312	8.17
70)		Bromobenzene	4.175	3.615	4.513	4.999	4.085	4.808	4.538	5.058	4.965	4.361	4.512	10.32
71)		4-ethyl toluene	5.504	5.172	7.008	7.381	6.451	7.968	7.500	8.422	8.735	7.626	7.177	16.31
72)		1,3,5-trimethylbenzene	6.264	5.421	6.624	7.186	5.891	7.191	7.026	7.775	7.486	6.629	6.749	10.85

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: NYDEC_Labella Associates**	**Lab Number**	**: L2612589**
Project Name	**: TIFFT NATURE PRESERVE**	**Project Number**	**: CO 153307/S 2503891**
Instrument ID	**: AIRLAB15**	**Ical Ref**	**: ICAL23169**
Calibration dates	**: 03/20/26 17:45 03/20/26 23:34**		

Calibration Files

0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D

1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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)		tert-butylbenzene				7.145	6.129	7.582	7.323	8.152	7.882	6.401	7.230	10.28
74)		1,2,4-trimethylbenzene	5.693	5.162	6.694	6.822	5.876	7.300	7.206	7.998	7.589	6.293	6.663	13.53
75)	C	Benzyl Chloride			3.181	3.332	2.967	4.064	4.070	5.133	5.677	5.469	4.237	25.23
76)		1,3-dichlorobenzene	3.523	3.668	4.380	4.530	4.100	4.967	4.991	5.599	5.501	4.924	4.618	15.36
77)	C	1,4-dichlorobenzene	3.735	3.643	4.748	4.722	4.058	4.954	4.896	5.589	5.380	4.745	4.647	13.97
78)		sec-butylbenzene				1.051	0.896	1.094	1.041	1.159	1.129	0.961	1.047	8.85
79)		1,2,3-trimethylbenzene				6.646	5.520	6.517	7.425	7.311	7.935	6.129	6.783	12.23
80)		p-isopropyltoluene				8.150	6.989	8.325	9.129	9.266	9.702	7.121	8.383	12.58
81)		1,2-dichlorobenzene	4.062	3.882	4.438	4.521	3.880	4.720	4.718	5.280	5.172	4.657	4.533	10.74
82)		n-butylbenzene				7.347	6.569	8.113	8.099	9.111	8.872	7.852	7.995	10.85
83)		1,2-dibromo-3-chloropr...	1.090	1.197	1.359	1.456	1.380	1.758	1.837	2.108	2.013	1.874	1.607	22.09
84)	C	1,2,4-trichlorobenzene		1.631	2.313	1.988	2.183	2.972	3.157	3.962	3.666	3.652	2.836	29.54
85)		naphthalene		0.514	0.717	0.606	0.695	0.960	0.941	1.213	1.092	1.064	0.867	27.89
86)		1,2,3-trichlorobenzene		2.000	2.592	1.950	2.209	3.065	2.966	3.879	3.463	3.531	2.850	24.71
87)	C	hexachlorobutadiene		2.316	2.766	2.130	2.155	2.807	2.697	3.259	2.827	2.767	2.636	13.95

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Method File : TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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)		1,1-difluoroet...	0.927	0.866	0.887	0.854	0.826	0.837	0.699	0.696	0.773		0.818	9.85
3)		propylene					0.752	0.754	0.597	0.668	0.764	0.752	0.715	9.45
4)		dichlorodifluo...				1.683	1.594	1.622	1.390	1.377	1.529	1.455	1.521	7.77
5)	C	chloromethane				0.742	0.787	0.766	0.645	0.673	0.706	0.714	0.719	7.00
6)		Freon-114			1.995	1.913	1.789	1.944	1.878	1.645	1.730	1.972	1.803	1.852	6.38
7)	C	vinyl chloride	0.900	0.974	0.910	0.880	1.029	0.924	0.840	0.940	1.074	0.969	0.944	7.44
8)	C	1,3-butadiene	0.670	0.602	0.566	0.539	0.619	0.560	0.506	0.573	0.685	0.597	0.592	9.41
9)	C	bromomethane	0.869	0.705	0.703	0.717	0.769	0.675	0.686	0.677	0.814	0.780	0.740	8.91
10)	C	chloroethane			0.481	0.449	0.420	0.489	0.406	0.425	0.431	0.531	0.525	0.462	10.02
11)		ethanol						0.793	0.702	0.660	0.766	0.679	0.720	7.94
12)	C	vinyl bromide			0.771	0.810	0.746	0.718	0.723	0.640	0.693	0.793	0.780	0.742	7.28
13)	C	acrolein			0.432	0.480	0.420	0.378	0.393	0.347	0.378	0.438	0.432	0.411	9.82
14)		acetone					1.147	1.084	1.115	0.879	0.939	1.014	0.984	1.023	9.51
15)		trichlorofluor...			1.618	1.716	1.651	1.562	1.595	1.378	1.442	1.561	1.496	1.558	6.75
16)		isopropyl alcohol					1.119	1.050	1.075	1.035	1.140	1.229	1.236	1.126	7.22

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Method File : TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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	acrylonitrile				0.615	0.598	0.641	0.577	0.626	0.702	0.702	0.637	7.60
18)	C	1,1-dichloroet...	1.541	1.401	1.415	1.360	1.298	1.323	1.165	1.232	1.351	1.298	1.338	7.72
19)		tertiary butyl...					1.440	1.516	1.399	1.532	1.712	1.758	1.560	9.31
20)	C	methylene chlo...					0.902	0.896	0.757	0.790	0.873	0.845	0.844	7.01
21)	C	3-chloropropene		1.062	1.085	1.028	1.000	1.016	0.916	0.991	1.163	1.164	1.047	7.76
22)	C	carbon disulfide				2.186	2.087	2.127	1.918	2.040	2.333	2.286	2.140	6.69
23)		Freon 113		1.811	1.815	1.781	1.701	1.705	1.486	1.583	1.782	1.721	1.709	6.48
24)		trans-1,2-dich...	1.359	1.289	1.340	1.288	1.213	1.260	1.098	1.170	1.323	1.281	1.262	6.41
25)	C	1,1-dichloroet...	1.910	1.764	1.748	1.686	1.607	1.645	1.432	1.535	1.748	1.707	1.678	7.91
26)	C	MTBE	1.927	1.768	1.824	1.756	1.689	1.730	1.532	1.655	1.896	1.884	1.766	6.93
27)	C	vinyl acetate					1.164	1.208	1.198	1.467	1.883	2.028	1.491	25.37
28)	C	2-butanone					1.335	1.432	1.306	1.431	1.669	1.682	1.476	11.01
29)		cis-1,2-dichlo...	1.578	1.329	1.385	1.294	1.241	1.274	1.117	1.189	1.336	1.294	1.304	9.46
30)		Ethyl Acetate					0.240	0.270	0.260	0.291	0.344	0.341	0.291	14.81
31)	C	chloroform	1.692	1.618	1.732	1.575	1.473	1.495	1.271	1.327	1.468	1.397	1.505	10.03
32)		Tetrahydrofuran					0.717	0.749	0.700	0.762	0.895	0.907	0.788	11.44

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Method File : TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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)	C	1,2-dichloroet...	1.084	1.118	1.053	1.006	0.975	0.992	0.849	0.896	0.988	0.951	0.991	8.25
34)	I	1,4-difluorobenzene	----------ISTD----------											
35)	C	hexane				0.496	0.466	0.481	0.431	0.451	0.457	0.427	0.458	5.47
36)	s	1,2-dichloroet...				0.249	0.245	0.247	0.233	0.249	0.251	0.239	0.245	2.70
37)	C	1,1,1-trichlor...	0.545	0.501	0.465	0.464	0.434	0.441	0.383	0.404	0.433	0.417	0.449	10.58
38)	C	benzene		1.020	0.955	0.923	0.868	0.888	0.742	0.786	0.859	0.840	0.876	9.64
39)	C	carbon tetrach...	0.427	0.417	0.397	0.389	0.371	0.376	0.337	0.359	0.390	0.381	0.384	6.85
40)		cyclohexane				0.492	0.482	0.488	0.420	0.443	0.480	0.460	0.466	5.71
41)		Dibromomethane		0.362	0.350	0.330	0.313	0.315	0.267	0.281	0.311	0.302	0.315	9.57
42)	C	1,2-dichloropr...	0.420	0.385	0.396	0.366	0.349	0.356	0.310	0.333	0.373	0.368	0.366	8.59
43)		bromodichlorom...	0.432	0.455	0.437	0.449	0.419	0.437	0.385	0.409	0.443	0.435	0.430	4.80
44)	C	1,4-dioxane			0.131	0.180	0.165	0.182	0.150	0.173	0.184	0.195	0.170	12.27
45)	C	trichloroethene	0.536	0.466	0.468	0.472	0.435	0.458	0.396	0.423	0.445	0.430	0.453	8.28
46)	C	2,2,4-trimethy...				1.536	1.479	1.490	1.296	1.355	1.463	1.389	1.430	5.96
47)		heptane				0.488	0.473	0.485	0.425	0.455	0.506	0.501	0.476	5.93
48)	C	cis-1,3-dichlo...	0.396	0.316	0.358	0.369	0.345	0.357	0.323	0.352	0.404	0.409	0.363	8.84

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Method File : TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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)	C	4-methyl-2-pen...					0.512	0.539	0.486	0.527	0.602	0.614	0.547	9.31
50)		trans-1,3-dich...	0.209	0.185	0.229	0.223	0.230	0.240	0.221	0.244	0.281	0.287	0.235	13.10
51)	C	1,1,2-trichlor...	0.385	0.383	0.383	0.384	0.366	0.376	0.327	0.350	0.388	0.384	0.373	5.35
52)	I	chlorobenzene-D5	ISTD											
53)	C	toluene				8.309	8.137	7.802	8.030	6.944	7.293	8.182	7.826	7.815	6.04
54)	s	toluene-D8					6.281	6.693	6.540	6.055	6.694	7.371	7.043	6.668	6.64
55)		2-hexanone					2.102	2.626	3.237	1.819	3.335	2.714	3.971	2.829	26.33
56)		dibromochlorom...	3.586	3.590	3.417	3.343	3.334	3.491	3.197	3.440	3.965	3.865	3.523	6.78
57)	C	1,2-dibromoethane	3.317	3.139	3.466	3.331	3.304	3.428	3.034	3.241	3.791	3.777	3.383	7.27
58)	C	tetrachloroethene	3.600	3.143	3.117	3.047	2.878	2.983	2.607	2.725	3.100	3.056	3.026	8.87
59)		1,1,1,2-tetrac...	3.263	2.921	3.085	2.862	2.805	2.891	2.544	2.705	3.183	3.072	2.933	7.54
60)	C	chlorobenzene	6.438	6.440	6.348	6.001	5.801	5.928	5.267	5.575	6.484	6.421	6.070	7.01
61)	C	ethylbenzene	1.075	0.991	1.007	0.969	0.957	0.986	0.894	0.939	1.066	1.012	0.989	5.54
62)	C	m+p-xylene	8.326	7.254	7.668	7.618	7.564	7.847	7.109	7.418	8.406	7.867	7.708	5.46
63)	C	bromoform	2.328	2.201	2.199	2.172	2.215	2.299	2.312	2.518	2.986	2.996	2.423	13.03
64)	C	styrene	4.662	4.535	4.850	5.010	5.084	5.387	5.191	5.529	6.514	6.484	5.325	12.93

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Method File : TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.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	1,1,2,2-tetrac...	5.479	5.309	5.318	5.189	4.975	5.079	4.376	4.651	5.522	5.450	5.135	7.33
66)	C	o-xylene	8.111	8.092	7.880	7.721	7.681	7.974	7.167	7.492	8.367	7.784	7.827	4.36
67)		1,2,3-Trichlor...	3.385	3.451	3.553	3.588	3.454	3.523	3.058	3.228	3.855	3.891	3.499	7.24
68)	s	bromofluoroben...				3.836	4.191	4.088	4.058	4.020	5.087	4.807	4.298	10.77
69)	C	isopropylbenzene				0.959	0.948	0.965	0.839	0.886	1.039	1.016	0.950	7.30
70)		Bromobenzene	4.456	4.079	4.611	4.788	4.535	4.678	4.203	4.348	5.096	5.077	4.587	7.38
71)		4-ethyl toluene	0.816	0.804	0.887	0.825	0.847	0.882	0.818	0.869	1.006	0.993	0.875	8.20
72)		1,3,5-trimethy...	8.262	7.511	7.972	7.656	7.592	7.933	7.152	7.487	8.575	8.458	7.860	5.88
73)		tert-butylbenzene				8.703	8.656	8.870	7.772	8.092	9.345	9.069	8.644	6.32
74)		1,2,4-trimethy...	7.724	7.388	7.718	7.579	7.613	7.900	7.277	7.670	8.865	8.606	7.834	6.51
75)	C	Benzyl Chloride			3.357	3.538	3.848	4.279	4.503	5.189	6.700	7.080	4.812	29.29
76)		1,3-dichlorobe...	3.962	4.069	4.770	4.578	4.700	4.854	4.670	4.930	5.781	5.859	4.817	12.78
77)	C	1,4-dichlorobe...	4.598	4.153	4.859	4.699	4.592	4.840	4.633	4.817	5.546	5.732	4.847	9.60
78)		sec-butylbenzene				1.155	1.144	1.187	1.053	1.098	1.282	1.253	1.167	6.94
79)		1,2,3-trimethy...				8.204	8.275	8.523	7.500	7.872	9.114	8.807	8.328	6.57
80)		p-isopropyltol...				1.061	1.068	1.084	0.957	0.983	1.127	1.084	1.052	5.74

Response Factor Report

Method Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Method File : TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1754537_Ev2.D 0.05=r1754538_Ev2.D 0.1 =r1754539_Ev2.D 0.2 =r1754540_Ev2.D 0.5 =r1754541_Ev2.D
1.0 =r1754542_Ev2.D 5.0 =r1754543_Ev2.D 10.0=r1754544_Ev2.D 20.0=r1754545_Ev2.D 50.0=r1754546_Ev2.D

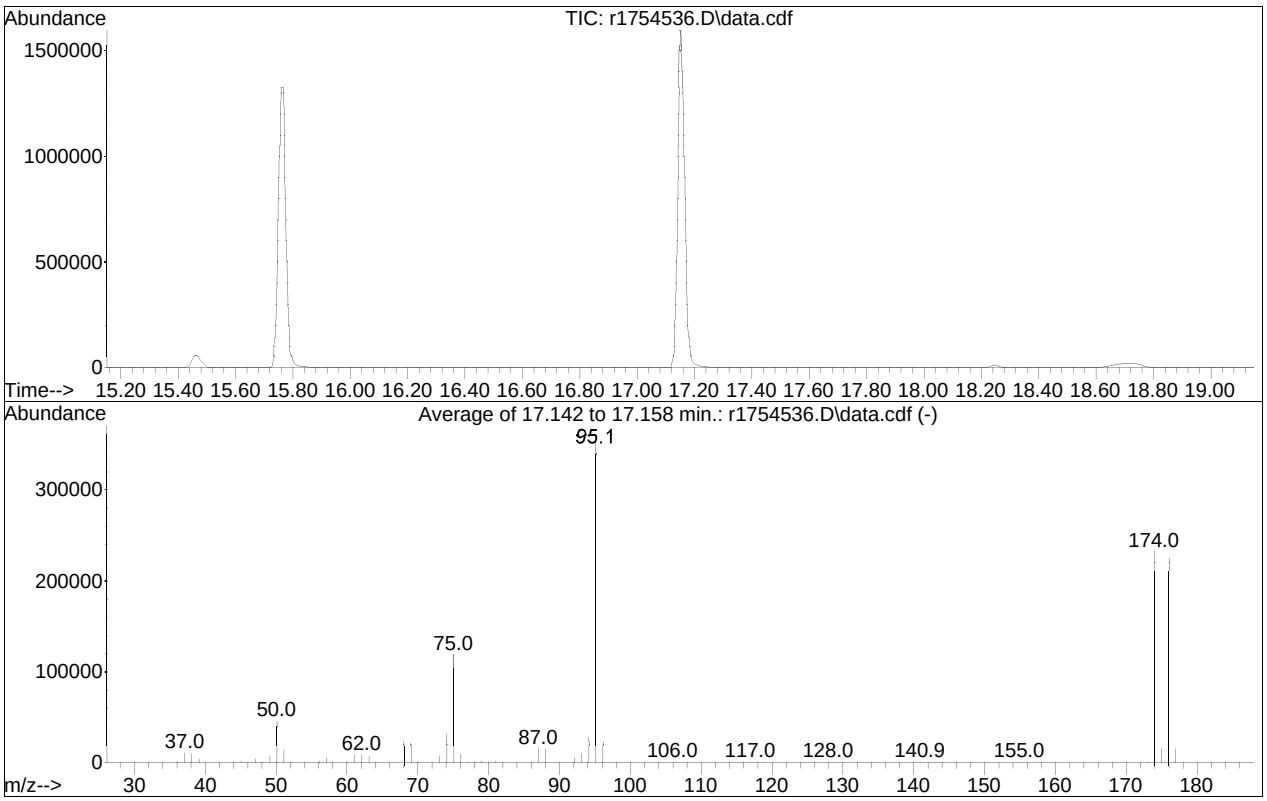
		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
81)		1,2-dichlorobe...	5.019	5.419	5.657	4.649	5.134	5.254	4.385	4.857	5.286	5.432	5.109	7.61
82)		n-butylbenzene				0.883	0.879	0.913	0.853	0.875	1.001	0.969	0.910	5.99
83)		1,2-dibromo-3-...	1.683	1.318	1.682	1.585	1.561	1.661	1.536	1.636	1.987	2.090	1.674	13.20
84)	C	1,2,4-trichlor...		2.041	2.829	2.514	2.442	2.555	2.852	2.985	3.374	3.893	2.832	19.33
85)		naphthalene		0.681	0.942	0.791	0.811	0.829	0.870	0.951	1.049	1.174	0.900	16.44
86)		1,2,3-trichlor...		2.297	3.057	2.552	2.616	2.585	2.692	2.803	3.009	3.612	2.802	13.68
87)	C	hexachlorobuta...		3.005	3.404	2.999	2.931	2.763	2.713	2.660	2.750	3.030	2.917	7.89

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754536.D
Acq On : 5 Mar 2026 6:13 AM
Operator : AIRLAB17:JJT
Sample : WG2181934-1,3,250,250
Misc : WG2181934,250 mL
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026



Spectrum Information: Average of 17.142 to 17.158 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	13.0	45823	PASS
75	95	30	66	33.6	118567	PASS
95	95	100	100	100.0	353336	PASS
96	95	5	9	6.6	23457	PASS
173	174	0.00	2	0.6	1373	PASS
174	95	50	120	65.7	232009	PASS
175	174	4	9	6.9	15998	PASS
176	174	93	101	97.1	225247	PASS
177	176	5	9	6.6	14862	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754537_Ev2.D
Acq On : 5 Mar 2026 6:48 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.02
Misc : WG2181934,50 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:49 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	227772	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 97.05%			
34) 1,4-difluorobenzene	10.990	114	721586	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 95.58%			
52) chlorobenzene-D5	15.758	54	102212	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 94.75%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	0.000	65	0	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
54) toluene-D8	13.850	98	321	0.005	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.05%#			
68) bromofluorobenzene	17.167	95	1910	0.046	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.46%#			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.706	51	4225	0.266	ppbV	96
3) propylene	3.784	41	1010M6	0.074	ppbV	
4) dichlorodifluoromethane	3.850	85	814	0.026	ppbV	91
5) chloromethane	4.006	50	404M4	0.028	ppbV	
6) Freon-114	4.102	85	963	0.026	ppbV	98
7) vinyl chloride	4.222	62	410	0.021	ppbV #	67
8) 1,3-butadiene	4.354	54	305	0.026	ppbV #	37
9) bromomethane	4.618	94	396	0.025	ppbV	96
10) chloroethane	4.792	64	264	0.027	ppbV #	90
11) ethanol	4.936	31	1954	0.122	ppbV #	43
12) vinyl bromide	5.157	106	397	0.027	ppbV	81
13) acrolein	5.297	56	243M4	0.031	ppbV	
14) acetone	5.447	43	4074	0.203	ppbV #	99
15) trichlorofluoromethane	5.600	101	874	0.028	ppbV	88
16) isopropyl alcohol	5.717	45	2638	0.112	ppbV	97
17) acrylonitrile	5.927	53	344M4	0.026	ppbV	
18) 1,1-dichloroethene	6.276	61	702	0.026	ppbV	98
19) tertiary butyl alcohol	6.366	59	1376	0.043	ppbV	97
20) methylene chloride	6.408	49	1004	0.058	ppbV	97
21) 3-chloropropene	6.540	41	519	0.025	ppbV #	73
22) carbon disulfide	6.702	76	1125	0.026	ppbV #	1
23) Freon 113	6.708	101	967	0.029	ppbV	96
24) trans-1,2-dichloroethene	7.433	61	619	0.025	ppbV	93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754537_Ev2.D
Acq On : 5 Mar 2026 6:48 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.02
Misc : WG2181934,50 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:49 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.650	63	870	0.027	ppbV		92
26) MTBE	7.767	73	878	0.025	ppbV	#	80
27) vinyl acetate	7.867	43	601	0.022	ppbV	#	90
28) 2-butanone	8.142	43	745	0.025	ppbV	#	93
29) cis-1,2-dichloroethene	8.592	61	719	0.028	ppbV		92
30) Ethyl Acetate	8.908	61	71	0.012	ppbV	#	1
31) chloroform	8.925	83	771	0.027	ppbV	#	95
32) Tetrahydrofuran	9.417	42	378	0.024	ppbV		95
33) 1,2-dichloroethane	9.750	62	494	0.026	ppbV	#	81
35) hexane	8.842	57	840	0.027	ppbV	#	25
37) 1,1,1-trichloroethane	10.042	97	786	0.028	ppbV	#	90
38) benzene	10.563	78	1618	0.030	ppbV	#	88
39) carbon tetrachloride	10.730	117	616	0.025	ppbV	#	84
40) cyclohexane	10.877	56	770	0.025	ppbV		95
41) Dibromomethane	11.470	93	624	0.032	ppbV	#	92
42) 1,2-dichloropropane	11.503	63	606	0.027	ppbV	#	83
43) bromodichloromethane	11.730	83	624	0.022	ppbV	#	91
44) 1,4-dioxane	11.823	88	206M4	0.019	ppbV		
45) trichloroethene	11.783	130	773	0.027	ppbV		87
46) 2,2,4-trimethylpentane	11.843	57	2448	0.026	ppbV	#	89
47) heptane	12.150	43	706	0.023	ppbV		93
48) cis-1,3-dichloropropene	12.808	75	572	0.025	ppbV	#	57
49) 4-methyl-2-pentanone	12.925	43	487M4	0.014	ppbV		
50) trans-1,3-dichloropropene	13.450	75	302	0.019	ppbV	#	40
51) 1,1,2-trichloroethane	13.625	97	556	0.024	ppbV		95
53) toluene	13.958	91	1810	0.026	ppbV		99
55) 2-hexanone	0.000		0	N.D.			
56) dibromochloromethane	14.417	129	733	0.022	ppbV	#	92
57) 1,2-dibromoethane	14.683	107	678	0.022	ppbV		99
58) tetrachloroethene	15.150	166	736	0.028	ppbV		91
59) 1,1,1,2-tetrachloroethane	15.792	131	667	0.026	ppbV		92
60) chlorobenzene	15.800	112	1316	0.024	ppbV		90
61) ethylbenzene	16.167	91	2197	0.024	ppbV		96
62) m+p-xylene	16.333	91	3404	0.047	ppbV		93
63) bromoform	16.392	173	476	0.020	ppbV		93
64) styrene	16.675	104	953	0.018	ppbV		99
65) 1,1,2,2-tetrachloroethane	16.758	83	1120	0.025	ppbV		95
66) o-xylene	16.750	91	1658	0.023	ppbV		98
67) 1,2,3-Trichloropropane	16.875	75	692	0.022	ppbV	#	94
69) isopropylbenzene	17.275	105	2008	0.023	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754537_Ev2.D
Acq On : 5 Mar 2026 6:48 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.02
Misc : WG2181934,50 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:49 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

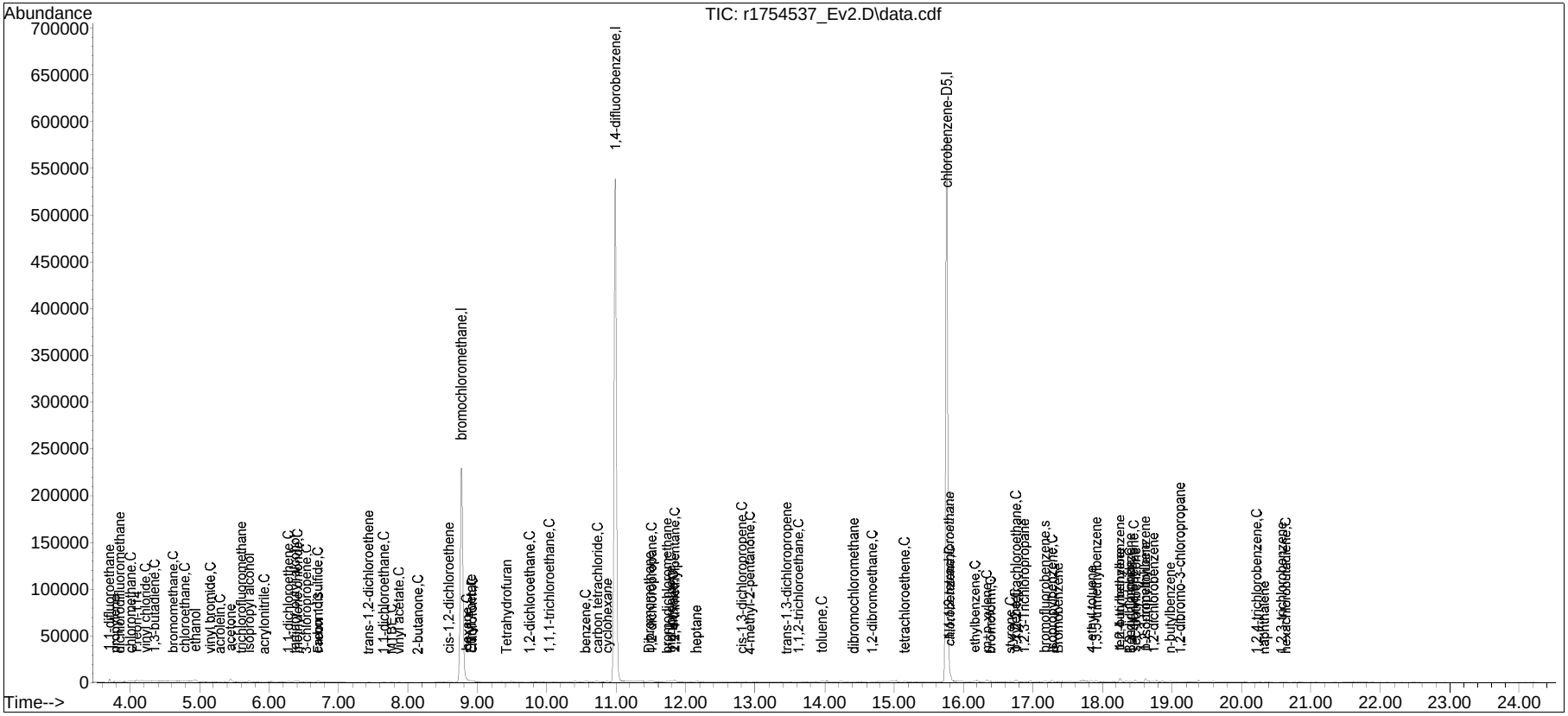
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.358	77	911	0.021	ppbV	97
71) 4-ethyl toluene	17.850	105	1669	0.020	ppbV #	85
72) 1,3,5-trimethylbenzene	17.908	105	1689	0.023	ppbV #	93
73) tert-butylbenzene	18.258	119	1939	0.024	ppbV #	89
74) 1,2,4-trimethylbenzene	18.258	105	1579	0.021	ppbV #	89
75) Benzyl Chloride	18.400	91	491	0.011	ppbV	93
76) 1,3-dichlorobenzene	18.400	146	810	0.017	ppbV	94
77) 1,4-dichlorobenzene	18.458	146	940M4	0.020	ppbV	
78) sec-butylbenzene	18.483	105	2380	0.022	ppbV #	90
79) 1,2,3-trimethylbenzene	18.608	105	1625	0.021	ppbV #	77
80) p-isopropyltoluene	18.617	119	2219	0.023	ppbV	94
81) 1,2-dichlorobenzene	18.733	146	1026	0.023	ppbV	93
82) n-butylbenzene	18.975	91	1679	0.019	ppbV	91
83) 1,2-dibromo-3-chloropr...	19.117	75	344	0.022	ppbV #	78
84) 1,2,4-trichlorobenzene	20.225	180	536	0.018	ppbV #	85
85) naphthalene	20.333	128	2006	0.023	ppbV #	90
86) 1,2,3-trichlorobenzene	20.583	180	658	0.024	ppbV	91
87) hexachlorobutadiene	20.642	225	730	0.026	ppbV	93

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754537_Ev2.D
Acq On : 5 Mar 2026 6:48 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.02
Misc : WG2181934,50 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

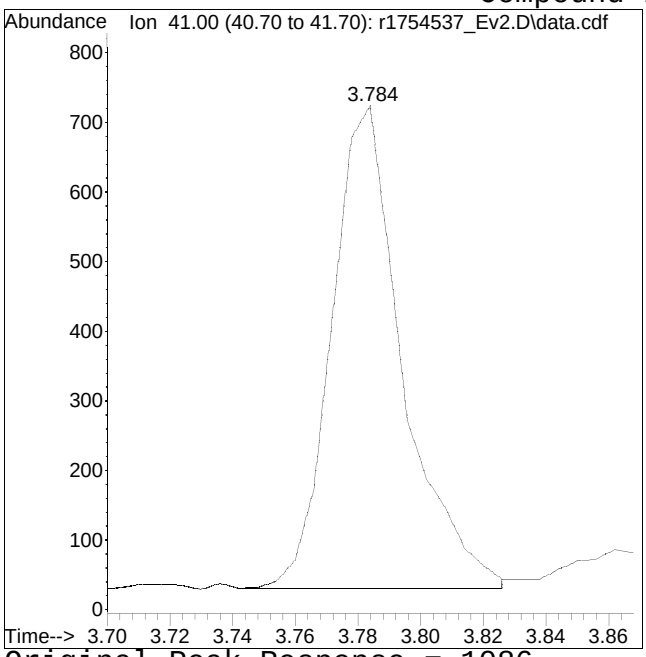
Quant Time: Mar 05 16:58:49 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration



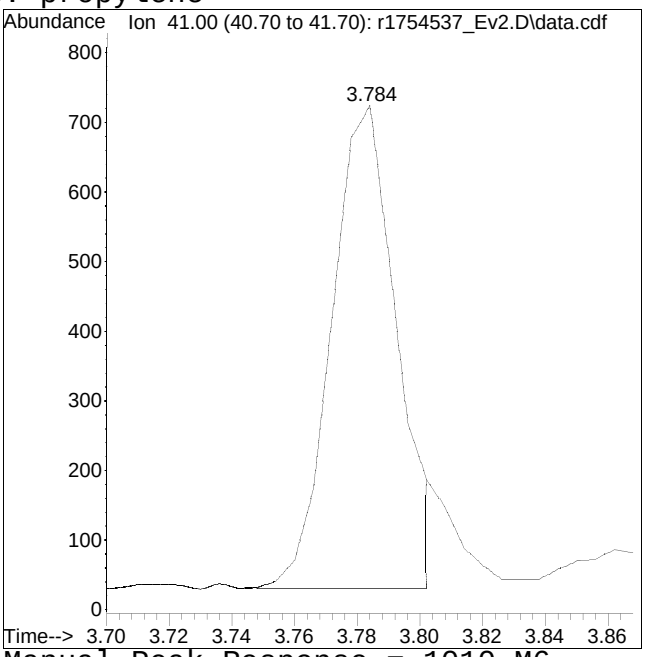
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #3: propylene



Original Peak Response = 1086



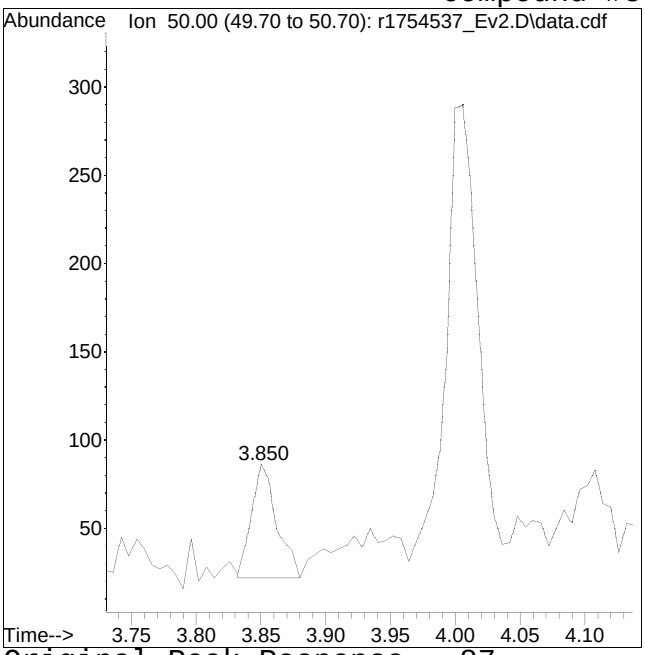
Manual Peak Response = 1010 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

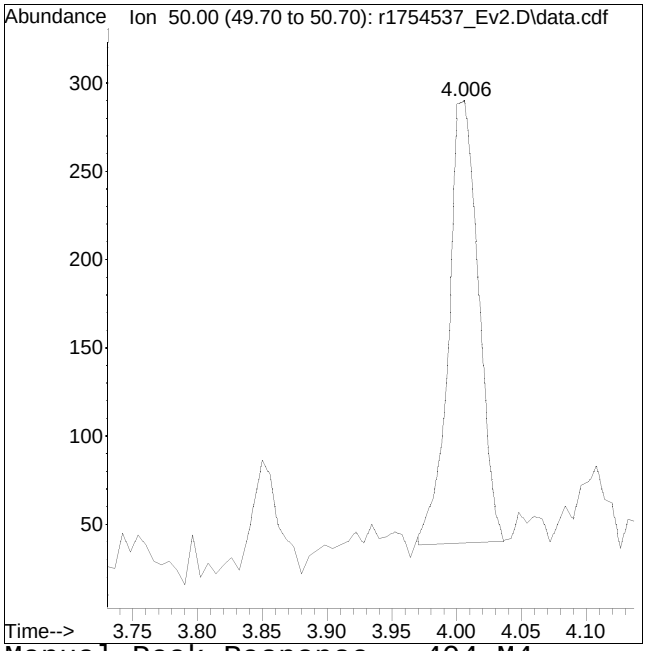
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #5: chloromethane



Original Peak Response = 87



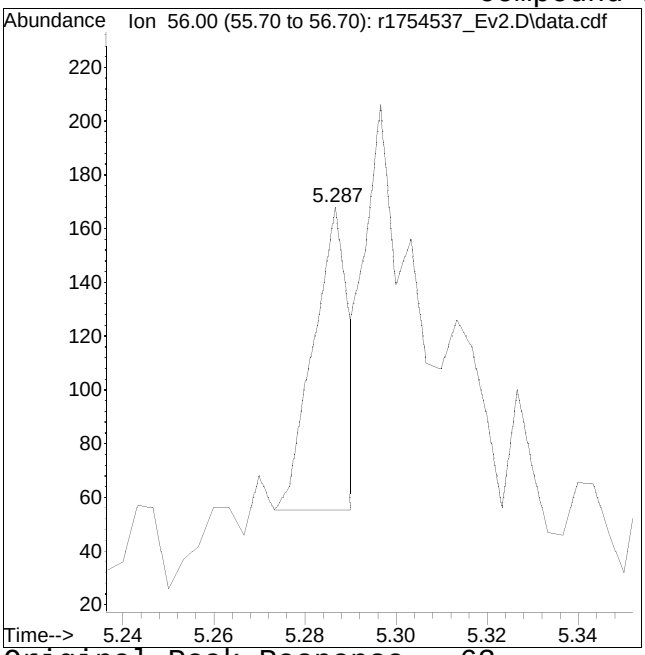
Manual Peak Response = 404 M4

M4 = Poor automated baseline construction.

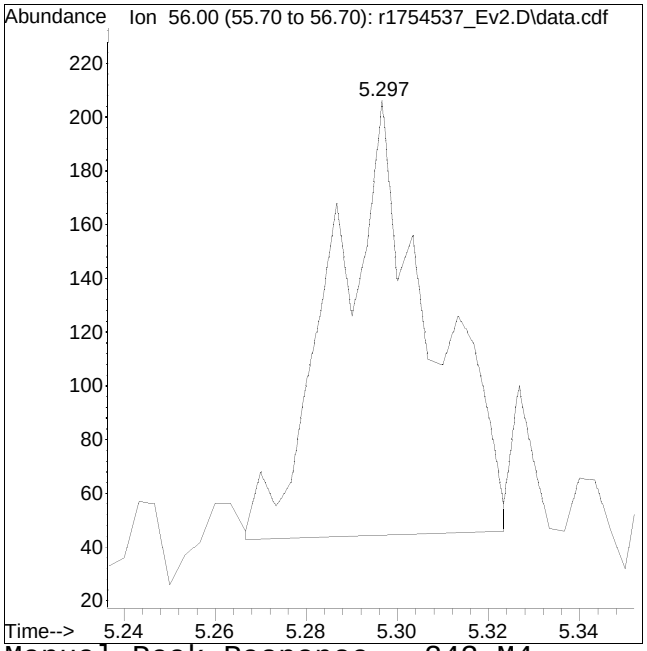
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #13: acrolein



Original Peak Response = 63



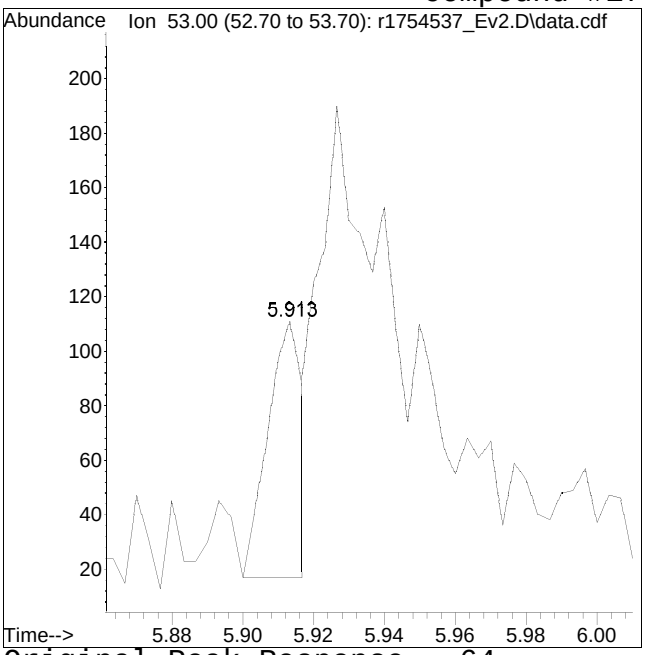
Manual Peak Response = 243 M4

M4 = Poor automated baseline construction.

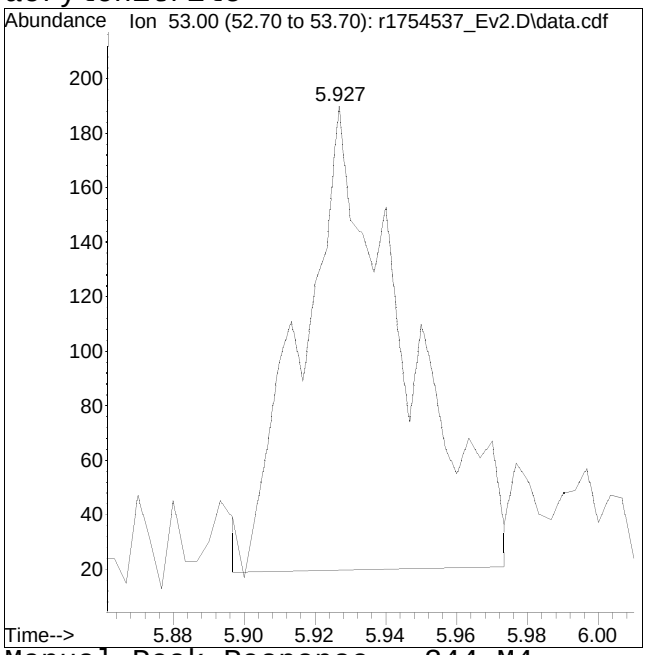
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #17: acrylonitrile



Original Peak Response = 64



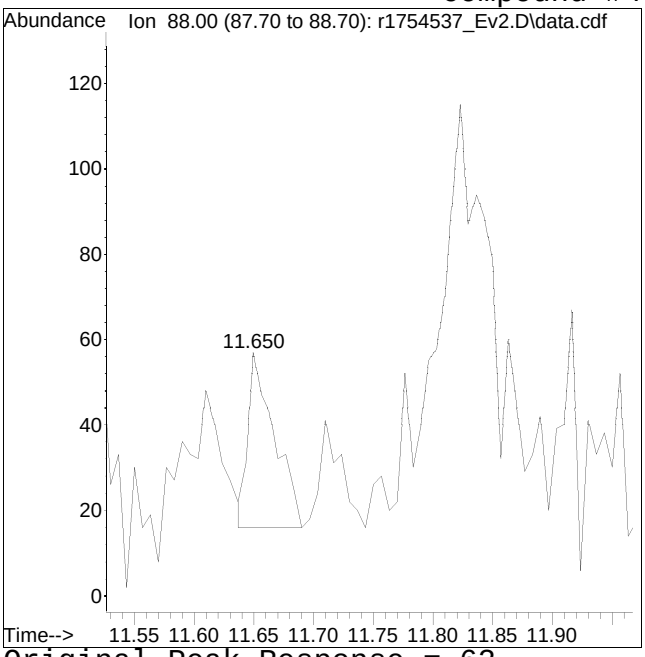
Manual Peak Response = 344 M4

M4 = Poor automated baseline construction.

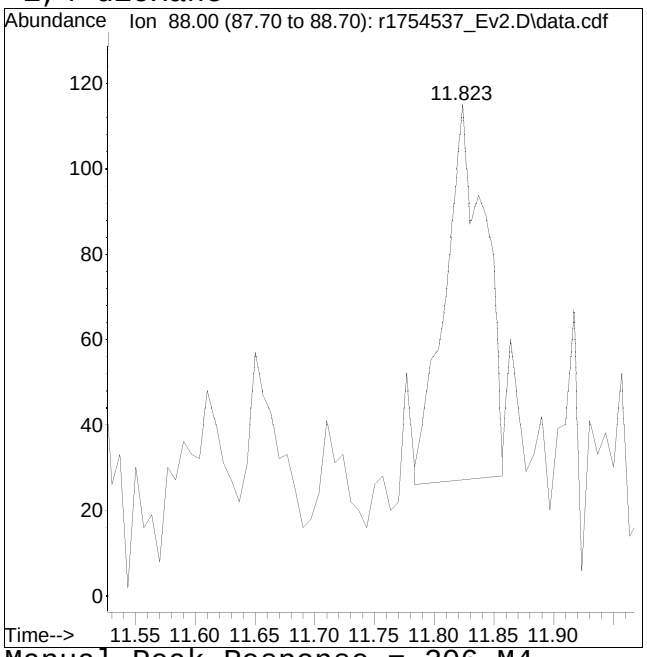
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #44: 1,4-dioxane



Original Peak Response = 62



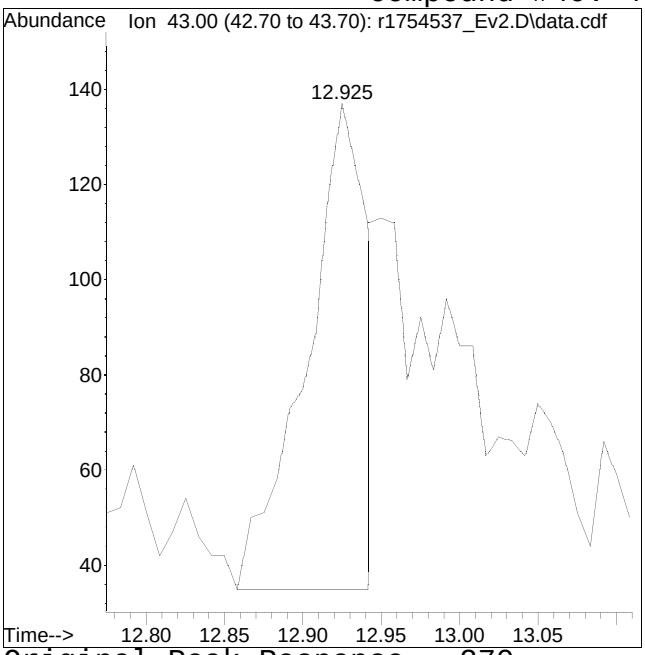
Manual Peak Response = 206 M4

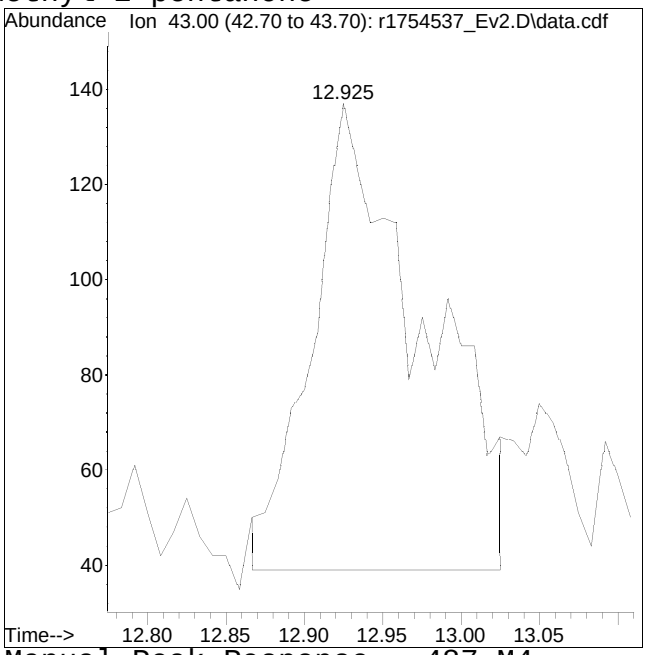
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #49: 4-methyl-2-pentanone



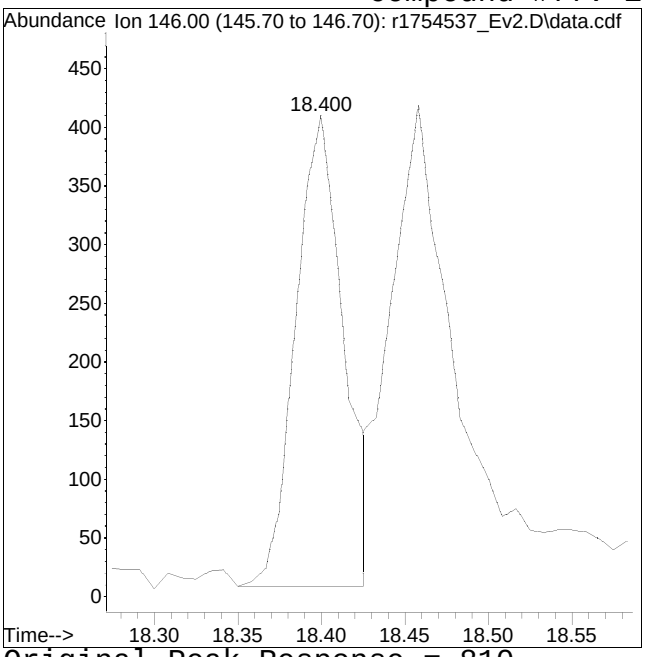


Original Peak Response = 270 Manual Peak Response = 487 M4
M4 = Poor automated baseline construction.

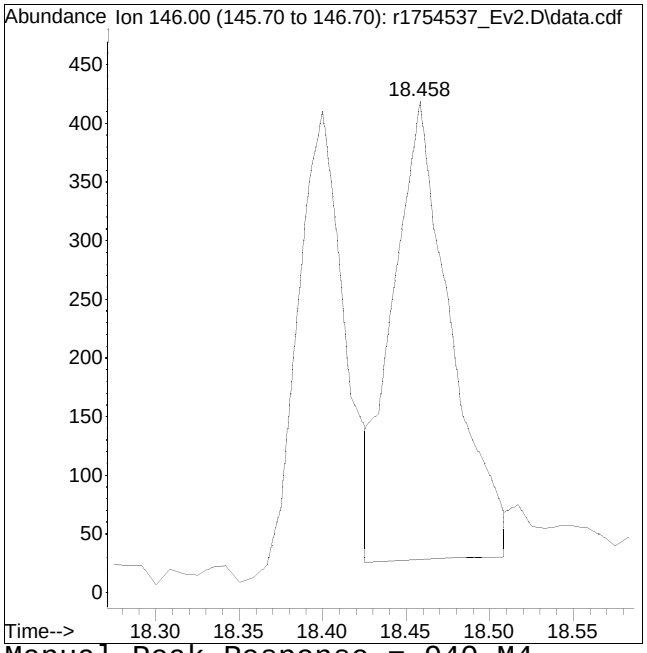
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754537_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 6:48 AM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/5/2026 4:58 pm

Compound #77: 1,4-dichlorobenzene



Original Peak Response = 810



Manual Peak Response = 940 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754538_Ev2.D
Acq On : 5 Mar 2026 7:23 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.05
Misc : WG2181934,125 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:56 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	233199	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 99.36%			
34) 1,4-difluorobenzene	10.990	114	737895	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 97.74%			
52) chlorobenzene-D5	15.750	54	102573	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 95.09%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	0.000	65	0	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
54) toluene-D8	0.000	98	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
68) bromofluorobenzene	17.167	95	579	0.014	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.14%#			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.706	51	10097	0.620	ppbV	99
3) propylene	3.784	41	1492M6	0.107	ppbV	
4) dichlorodifluoromethane	3.850	85	2038	0.063	ppbV	97
5) chloromethane	4.006	50	921	0.061	ppbV	96
6) Freon-114	4.108	85	2326	0.061	ppbV	98
7) vinyl chloride	4.222	62	1136	0.058	ppbV	90
8) 1,3-butadiene	4.354	54	702	0.060	ppbV #	71
9) bromomethane	4.624	94	822	0.051	ppbV	97
10) chloroethane	4.798	64	561	0.057	ppbV	99
11) ethanol	4.936	31	4746	0.290	ppbV	98
12) vinyl bromide	5.160	106	899	0.060	ppbV	85
13) acrolein	5.300	56	504	0.062	ppbV #	68
14) acetone	5.443	43	9266	0.452	ppbV #	96
15) trichlorofluoromethane	5.607	101	1887	0.059	ppbV	97
16) isopropyl alcohol	5.713	45	4546	0.188	ppbV #	94
17) acrylonitrile	5.927	53	737M4	0.055	ppbV	
18) 1,1-dichloroethene	6.276	61	1633	0.060	ppbV	99
19) tertiary butyl alcohol	6.366	59	2952	0.091	ppbV	99
20) methylene chloride	6.414	49	1549	0.088	ppbV	94
21) 3-chloropropene	6.540	41	1238	0.058	ppbV #	87
22) carbon disulfide	6.708	76	2606	0.058	ppbV #	1
23) Freon 113	6.714	101	2112	0.061	ppbV	92
24) trans-1,2-dichloroethene	7.442	61	1503	0.059	ppbV	90

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754538_Ev2.D
Acq On : 5 Mar 2026 7:23 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.05
Misc : WG2181934,125 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:56 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.658	63	2057	0.062	ppbV		95
26) MTBE	7.767	73	2062	0.058	ppbV	#	91
27) vinyl acetate	7.867	43	1388	0.050	ppbV	#	93
28) 2-butanone	8.142	43	1734	0.057	ppbV	#	95
29) cis-1,2-dichloroethene	8.592	61	1550	0.060	ppbV		92
30) Ethyl Acetate	8.917	61	199M6	0.033	ppbV		
31) chloroform	8.925	83	1887	0.064	ppbV	#	96
32) Tetrahydrofuran	9.425	42	847	0.052	ppbV		95
33) 1,2-dichloroethane	9.750	62	1304	0.066	ppbV		95
35) hexane	8.850	57	2056	0.065	ppbV	#	27
37) 1,1,1-trichloroethane	10.042	97	1849	0.065	ppbV	#	92
38) benzene	10.563	78	3762	0.069	ppbV		96
39) carbon tetrachloride	10.737	117	1537	0.062	ppbV	#	96
40) cyclohexane	10.883	56	1924	0.062	ppbV		91
41) Dibromomethane	11.477	93	1334	0.068	ppbV	#	96
42) 1,2-dichloropropane	11.510	63	1420	0.062	ppbV	#	89
43) bromodichloromethane	11.730	83	1677	0.059	ppbV		98
44) 1,4-dioxane	11.830	88	554	0.050	ppbV	#	56
45) trichloroethene	11.783	130	1718	0.059	ppbV		92
46) 2,2,4-trimethylpentane	11.843	57	5973	0.062	ppbV		98
47) heptane	12.157	43	1843	0.059	ppbV		97
48) cis-1,3-dichloropropene	12.808	75	1165	0.049	ppbV	#	80
49) 4-methyl-2-pentanone	12.917	43	1217	0.034	ppbV		93
50) trans-1,3-dichloropropene	13.442	75	682	0.042	ppbV	#	59
51) 1,1,2-trichloroethane	13.625	97	1414	0.059	ppbV		98
53) toluene	13.958	91	4166	0.058	ppbV		96
55) 2-hexanone	0.000		0	N.D.			
56) dibromochloromethane	14.417	129	1841	0.056	ppbV	#	97
57) 1,2-dibromoethane	14.683	107	1610	0.052	ppbV		100
58) tetrachloroethene	15.150	166	1612	0.060	ppbV		95
59) 1,1,1,2-tetrachloroethane	15.792	131	1498	0.057	ppbV		98
60) chlorobenzene	15.800	112	3303	0.061	ppbV		97
61) ethylbenzene	16.158	91	5082	0.055	ppbV		98
62) m+p-xylene	16.333	91	7441M6	0.102	ppbV		
63) bromoform	16.392	173	1129	0.048	ppbV		97
64) styrene	16.667	104	2326	0.044	ppbV		96
65) 1,1,2,2-tetrachloroethane	16.750	83	2723	0.061	ppbV		98
66) o-xylene	16.750	91	4150	0.056	ppbV		98
67) 1,2,3-Trichloropropane	16.875	75	1770	0.056	ppbV		98
69) isopropylbenzene	17.275	105	4906	0.057	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754538_Ev2.D
Acq On : 5 Mar 2026 7:23 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.05
Misc : WG2181934,125 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:56 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

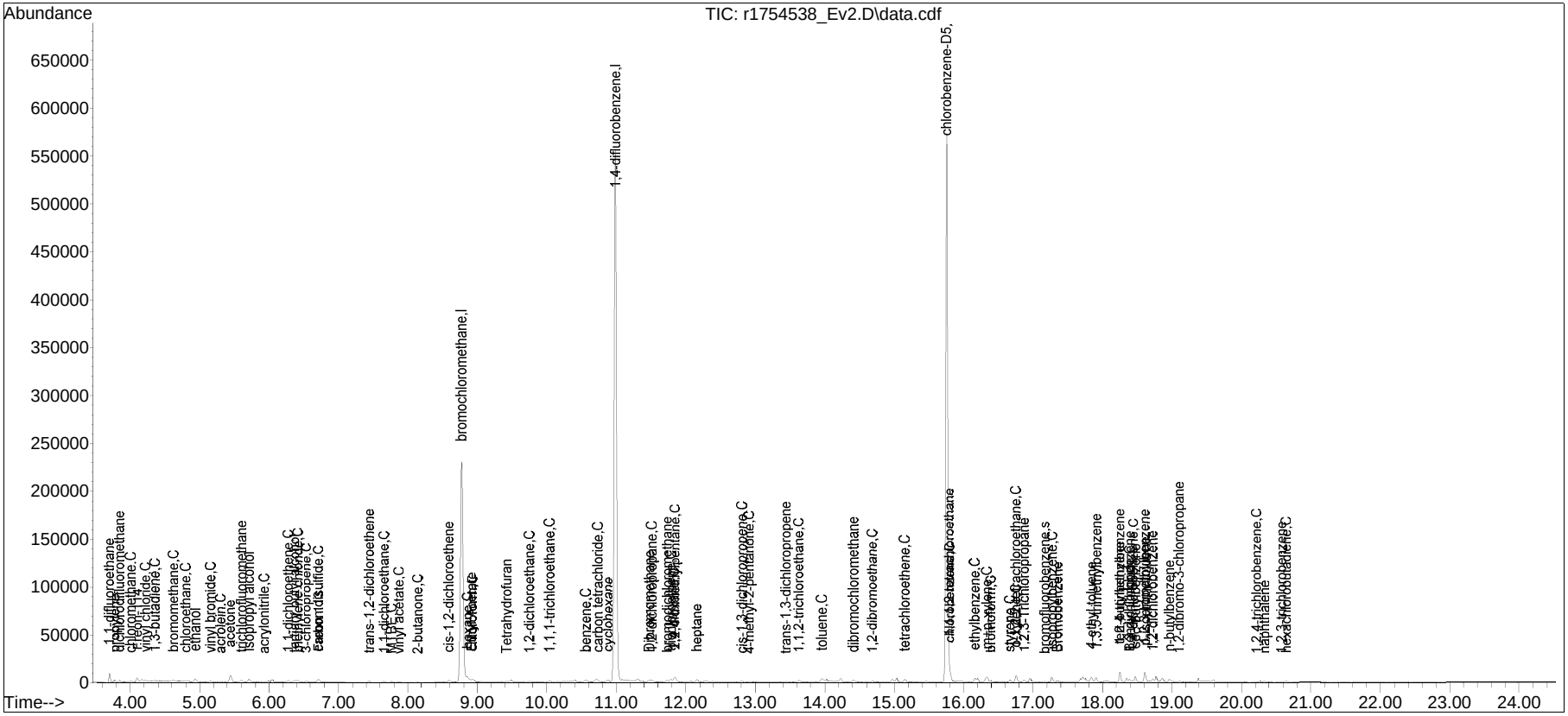
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.350	77	2092	0.049	ppbV		95
71) 4-ethyl toluene	17.842	105	4121	0.049	ppbV	#	85
72) 1,3,5-trimethylbenzene	17.908	105	3852	0.053	ppbV	#	98
73) tert-butylbenzene	18.250	119	4512	0.057	ppbV		95
74) 1,2,4-trimethylbenzene	18.250	105	3789	0.051	ppbV		91
75) Benzyl Chloride	18.392	91	1242	0.027	ppbV		98
76) 1,3-dichlorobenzene	18.392	146	2087	0.044	ppbV		98
77) 1,4-dichlorobenzene	18.450	146	2130	0.045	ppbV		98
78) sec-butylbenzene	18.483	105	5846	0.054	ppbV		93
79) 1,2,3-trimethylbenzene	18.608	105	4040	0.053	ppbV		99
80) p-isopropyltoluene	18.617	119	5138	0.052	ppbV		98
81) 1,2-dichlorobenzene	18.725	146	2779	0.062	ppbV		99
82) n-butylbenzene	18.967	91	3973	0.045	ppbV		99
83) 1,2-dibromo-3-chloropr...	19.100	75	676	0.043	ppbV		89
84) 1,2,4-trichlorobenzene	20.217	180	1047	0.036	ppbV		93
85) naphthalene	20.333	128	3495	0.039	ppbV	#	94
86) 1,2,3-trichlorobenzene	20.575	180	1178	0.043	ppbV		95
87) hexachlorobutadiene	20.642	225	1541	0.055	ppbV		98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754538_Ev2.D
Acq On : 5 Mar 2026 7:23 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.05
Misc : WG2181934,125 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:58:56 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

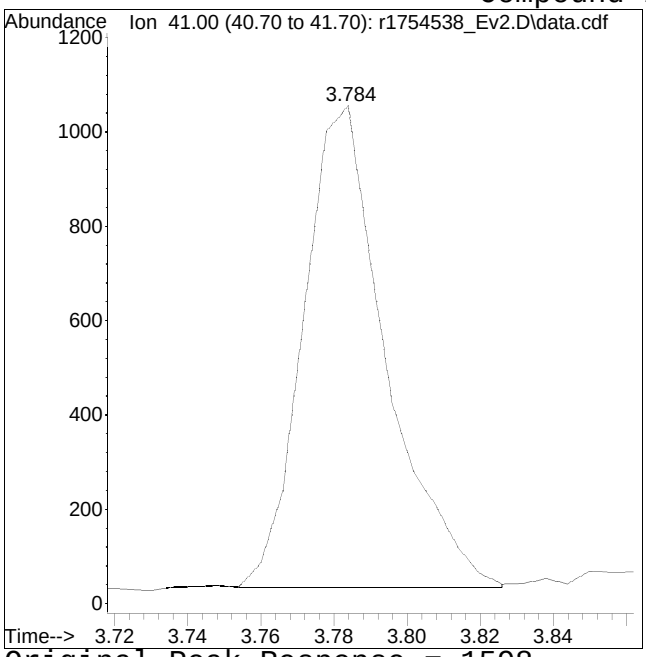


Manual Integration Report

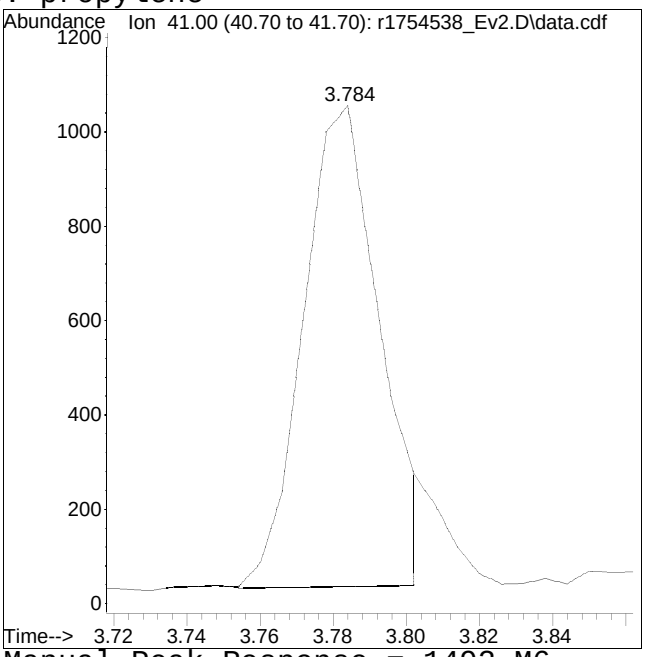
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1754538_Ev2.D
Date Inj'd : 3/5/2026 7:23 AM
Sample : ITO15-SIMSTD0.05

Method : TSIM17_260305.M
Operator : AIRLAB17:JJT
Instrument :
Quant Date : 3/5/2026 4:58 pm

Compound #3: propylene



Original Peak Response = 1598



Manual Peak Response = 1492 M6

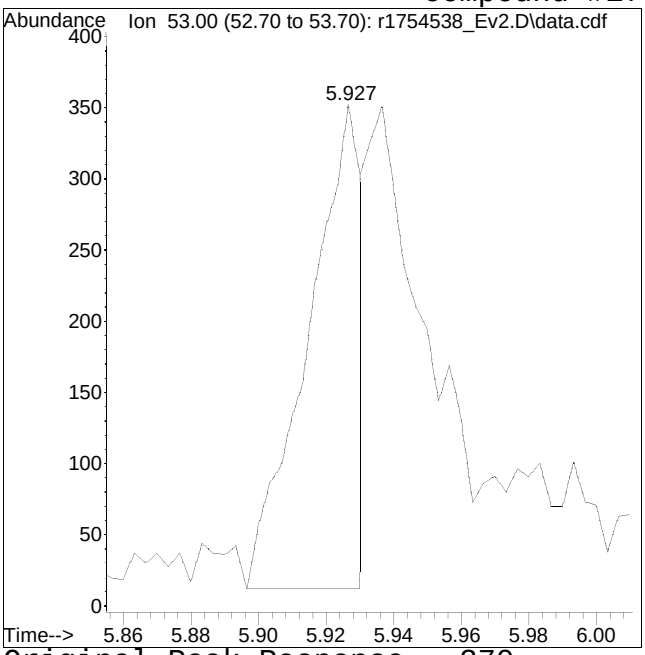
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

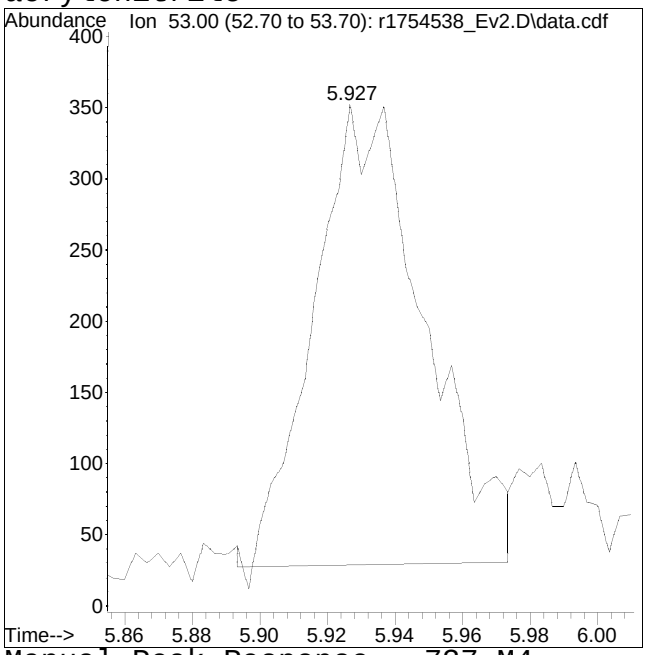
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1754538_Ev2.D
Date Inj'd : 3/5/2026 7:23 AM
Sample : ITO15-SIMSTD0.05

Method : TSIM17_260305.M
Operator : AIRLAB17:JJT
Instrument :
Quant Date : 3/5/2026 4:58 pm

Compound #17: acrylonitrile



Original Peak Response = 370



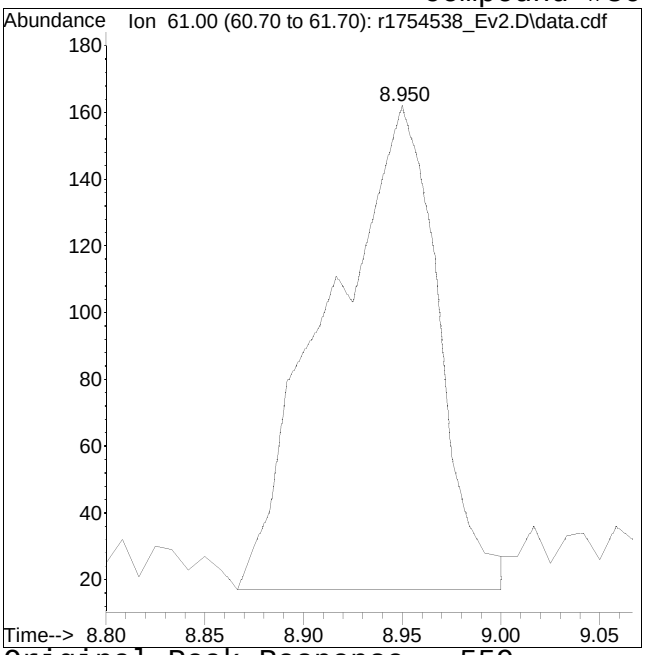
Manual Peak Response = 737 M4

M4 = Poor automated baseline construction.

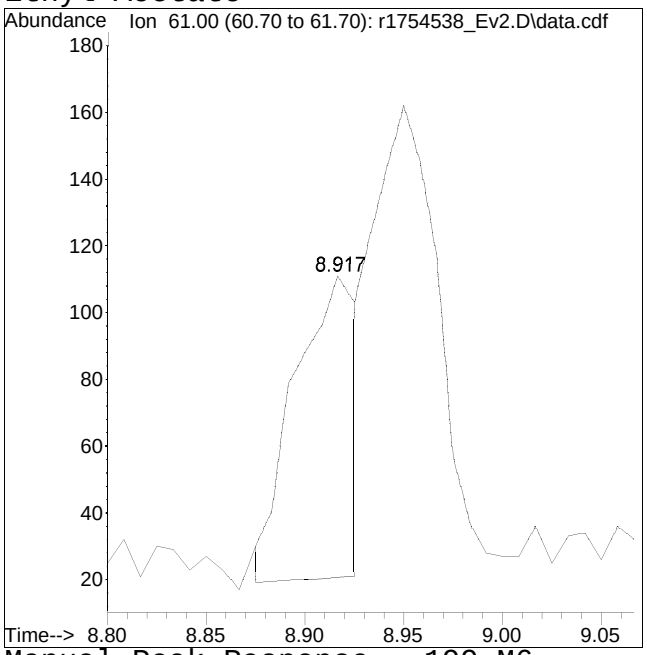
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754538_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 7:23 AM Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 3/5/2026 4:58 pm

Compound #30: Ethyl Acetate



Original Peak Response = 559



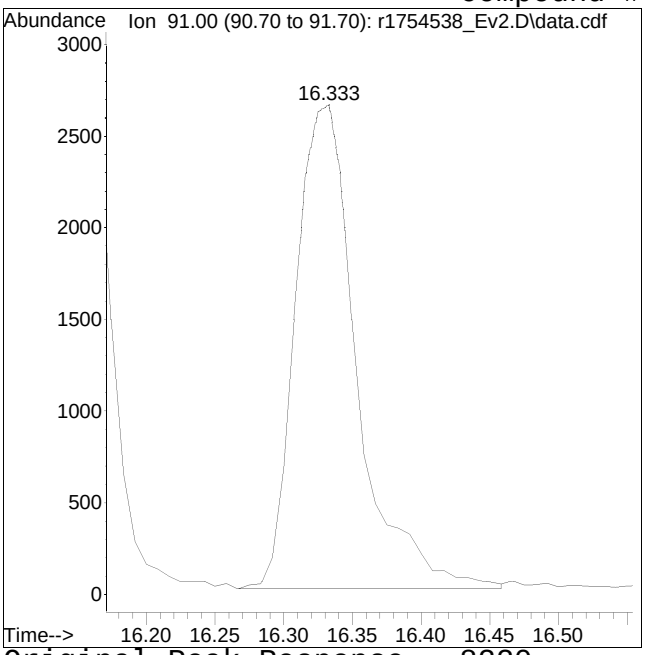
Manual Peak Response = 199 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

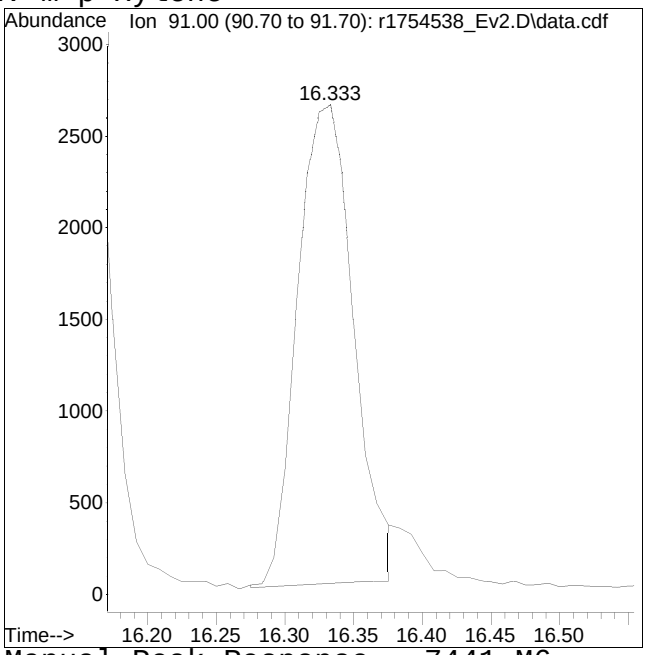
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754538_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 7:23 AM Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 3/5/2026 4:58 pm

Compound #62: m+p-xylene



Original Peak Response = 8220



Manual Peak Response = 7441 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754539_Ev2.D
Acq On : 5 Mar 2026 8:01 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.1
Misc : WG2181934,250 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:04 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	229325	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 97.71%			
34) 1,4-difluorobenzene	10.983	114	723665	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 95.86%			
52) chlorobenzene-D5	15.750	54	103517	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 95.96%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	0.000	65	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
54) toluene-D8	0.000	98	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
68) bromofluorobenzene	0.000	95	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	20331	1.269	ppbV	100
3) propylene	3.772	41	2321M6	0.169	ppbV	
4) dichlorodifluoromethane	3.844	85	3929	0.123	ppbV	99
5) chloromethane	3.994	50	1691	0.114	ppbV	98
6) Freon-114	4.096	85	4387	0.116	ppbV	97
7) vinyl chloride	4.210	62	2088	0.108	ppbV	90
8) 1,3-butadiene	4.342	54	1297	0.112	ppbV #	75
9) bromomethane	4.612	94	1612	0.103	ppbV	100
10) chloroethane	4.786	64	1030	0.106	ppbV	97
11) ethanol	4.918	31	6781	0.421	ppbV #	68
12) vinyl bromide	5.150	106	1857	0.127	ppbV	89
13) acrolein	5.287	56	1101M4	0.138	ppbV	
14) acetone	5.423	43	18237	0.905	ppbV #	99
15) trichlorofluoromethane	5.593	101	3935	0.125	ppbV	95
16) isopropyl alcohol	5.693	45	7550	0.318	ppbV	97
17) acrylonitrile	5.913	53	1480M4	0.112	ppbV	
18) 1,1-dichloroethene	6.270	61	3245	0.121	ppbV	98
19) tertiary butyl alcohol	6.342	59	4981	0.155	ppbV	98
20) methylene chloride	6.402	49	2686	0.155	ppbV	100
21) 3-chloropropene	6.528	41	2488	0.119	ppbV	94
22) carbon disulfide	6.696	76	5039	0.115	ppbV #	38
23) Freon 113	6.702	101	4163	0.122	ppbV	97
24) trans-1,2-dichloroethene	7.433	61	3073	0.122	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754539_Ev2.D
Acq On : 5 Mar 2026 8:01 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.1
Misc : WG2181934,250 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:04 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.650	63	4008	0.122	ppbV		97
26) MTBE	7.750	73	4182	0.119	ppbV	#	94
27) vinyl acetate	7.850	43	3304M3	0.120	ppbV		
28) 2-butanone	8.125	43	3474	0.116	ppbV	#	97
29) cis-1,2-dichloroethene	8.583	61	3176	0.124	ppbV		95
30) Ethyl Acetate	8.892	61	456	0.076	ppbV	#	26
31) chloroform	8.917	83	3972	0.136	ppbV		97
32) Tetrahydrofuran	9.392	42	1870	0.116	ppbV		95
33) 1,2-dichloroethane	9.750	62	2415	0.124	ppbV		95
35) hexane	8.842	57	3972	0.127	ppbV	#	43
37) 1,1,1-trichloroethane	10.033	97	3364	0.121	ppbV		93
38) benzene	10.557	78	6910	0.129	ppbV		97
39) carbon tetrachloride	10.730	117	2872	0.118	ppbV		98
40) cyclohexane	10.877	56	3582	0.118	ppbV		98
41) Dibromomethane	11.470	93	2534	0.131	ppbV	#	100
42) 1,2-dichloropropane	11.503	63	2867	0.128	ppbV		94
43) bromodichloromethane	11.723	83	3165	0.113	ppbV	#	91
44) 1,4-dioxane	11.803	88	948M4	0.088	ppbV		
45) trichloroethene	11.777	130	3388	0.118	ppbV		92
46) 2,2,4-trimethylpentane	11.837	57	11376	0.121	ppbV	#	97
47) heptane	12.150	43	3553	0.116	ppbV		97
48) cis-1,3-dichloropropene	12.800	75	2592	0.111	ppbV		91
49) 4-methyl-2-pentanone	12.883	43	3182	0.090	ppbV		97
50) trans-1,3-dichloropropene	13.433	75	1656	0.103	ppbV	#	83
51) 1,1,2-trichloroethane	13.625	97	2774	0.117	ppbV		97
53) toluene	13.958	91	8601	0.120	ppbV		97
55) 2-hexanone	14.367	43	1197M4	0.064	ppbV		
56) dibromochloromethane	14.417	129	3537	0.107	ppbV		96
57) 1,2-dibromoethane	14.683	107	3588	0.114	ppbV		96
58) tetrachloroethene	15.150	166	3227	0.120	ppbV		97
59) 1,1,1,2-tetrachloroethane	15.783	131	3193	0.121	ppbV		98
60) chlorobenzene	15.800	112	6571	0.121	ppbV		99
61) ethylbenzene	16.158	91	10425	0.113	ppbV		100
62) m+p-xylene	16.325	91	15876	0.216	ppbV		97
63) bromoform	16.392	173	2276	0.095	ppbV		96
64) styrene	16.658	104	5021	0.093	ppbV		98
65) 1,1,2,2-tetrachloroethane	16.750	83	5505	0.122	ppbV		97
66) o-xylene	16.750	91	8157	0.110	ppbV		100
67) 1,2,3-Trichloropropane	16.867	75	3678	0.116	ppbV		98
69) isopropylbenzene	17.275	105	10139	0.117	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754539_Ev2.D
Acq On : 5 Mar 2026 8:01 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.1
Misc : WG2181934,250 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:04 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

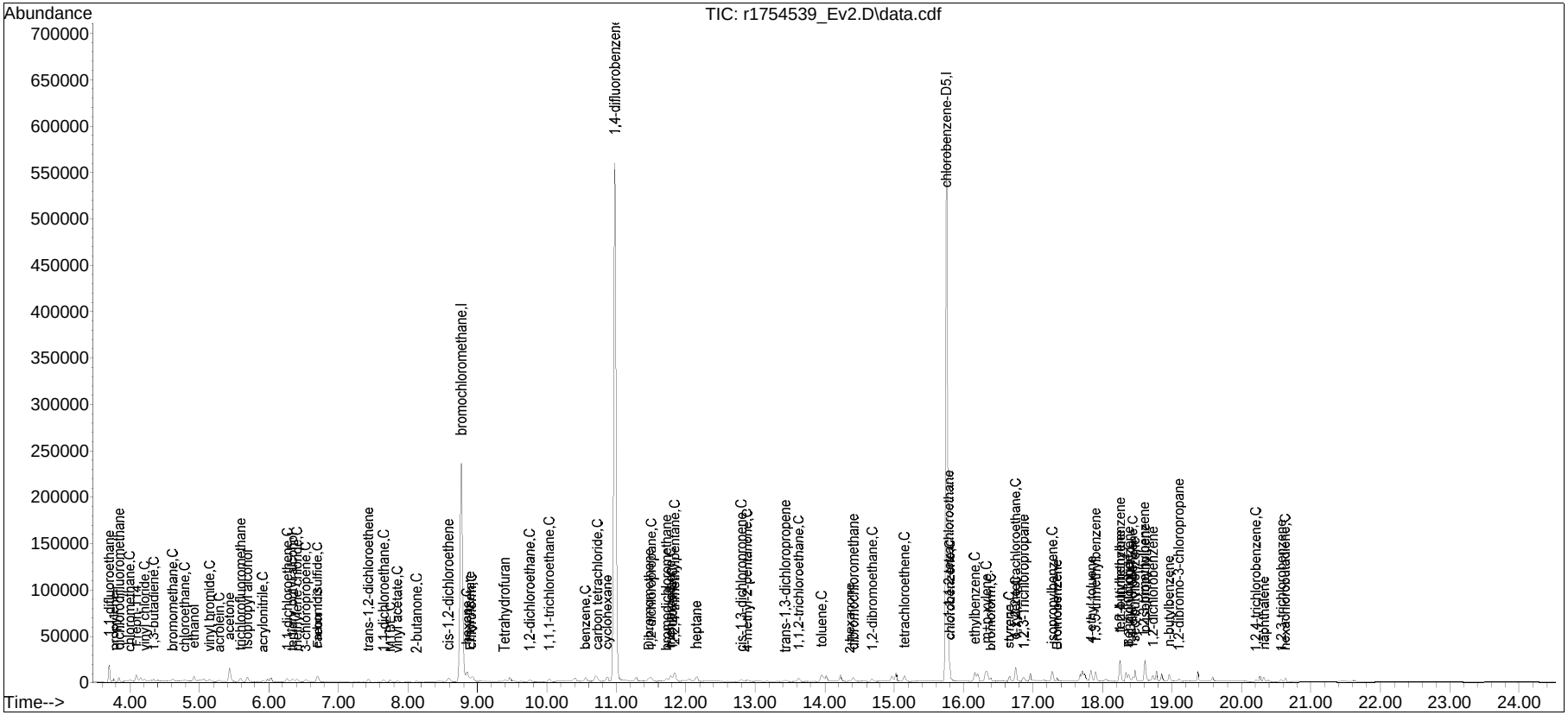
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.342	77	4773	0.110	ppbV		100
71) 4-ethyl toluene	17.842	105	9180	0.108	ppbV	#	90
72) 1,3,5-trimethylbenzene	17.900	105	8252	0.111	ppbV	#	97
73) tert-butylbenzene	18.250	119	9372	0.116	ppbV		93
74) 1,2,4-trimethylbenzene	18.250	105	7989	0.106	ppbV		95
75) Benzyl Chloride	18.375	91	3475	0.075	ppbV		99
76) 1,3-dichlorobenzene	18.383	146	4938	0.102	ppbV		99
77) 1,4-dichlorobenzene	18.442	146	5030	0.105	ppbV		97
78) sec-butylbenzene	18.475	105	12081	0.111	ppbV		98
79) 1,2,3-trimethylbenzene	18.600	105	8711	0.112	ppbV		99
80) p-isopropyltoluene	18.608	119	11143	0.113	ppbV		100
81) 1,2-dichlorobenzene	18.725	146	5856	0.129	ppbV		94
82) n-butylbenzene	18.958	91	9153	0.104	ppbV		97
83) 1,2-dibromo-3-chloropr...	19.100	75	1741	0.109	ppbV		94
84) 1,2,4-trichlorobenzene	20.208	180	2928	0.099	ppbV		92
85) naphthalene	20.325	128	9755	0.108	ppbV		97
86) 1,2,3-trichlorobenzene	20.575	180	3164	0.114	ppbV		97
87) hexachlorobutadiene	20.633	225	3524	0.125	ppbV		95

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754539_Ev2.D
Acq On : 5 Mar 2026 8:01 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.1
Misc : WG2181934,250 mL SS26-008D
ALS Vial : 0 Sample Multiplier: 1

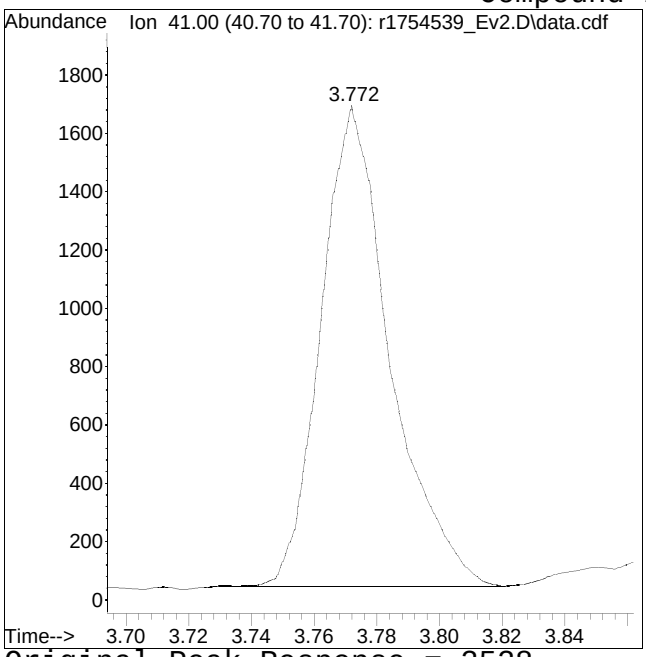
Quant Time: Mar 05 16:59:04 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration



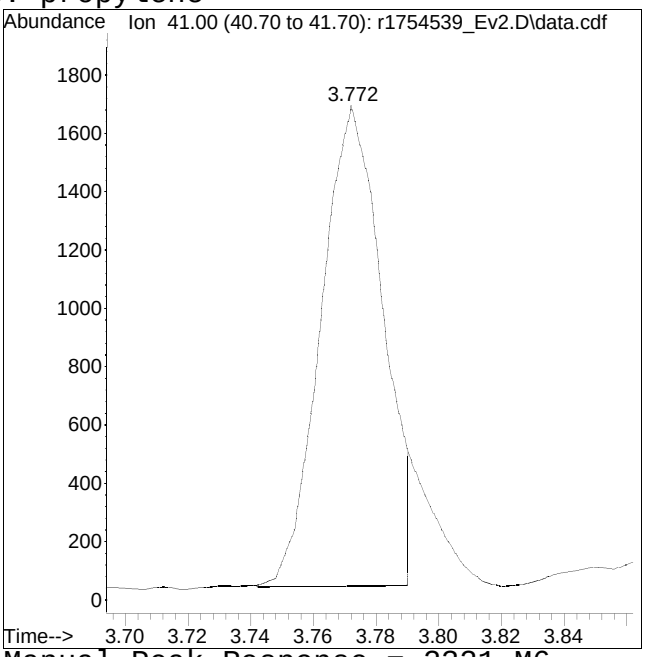
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754539_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:01 AM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 2528



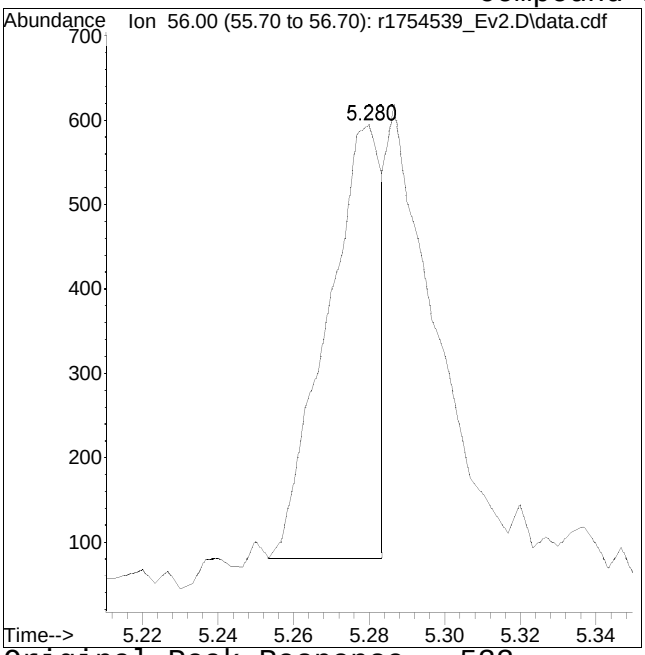
Manual Peak Response = 2321 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

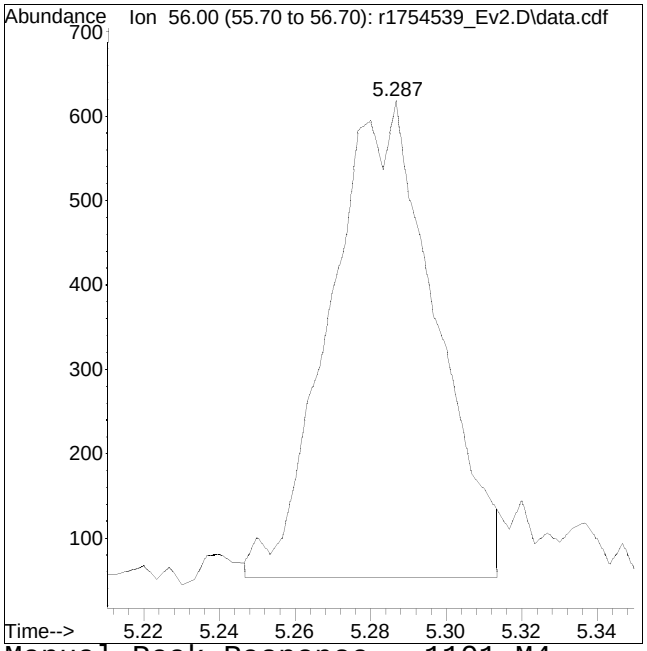
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754539_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:01 AM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/5/2026 4:59 pm

Compound #13: acrolein



Original Peak Response = 533



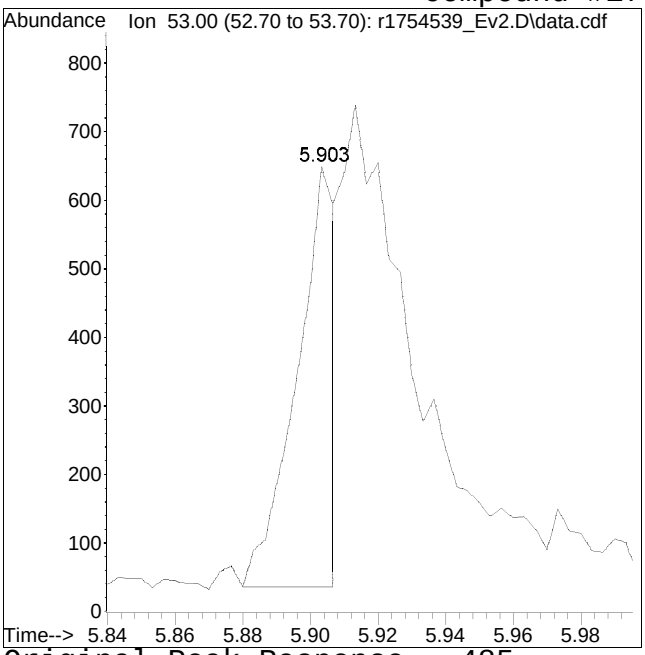
Manual Peak Response = 1101 M4

M4 = Poor automated baseline construction.

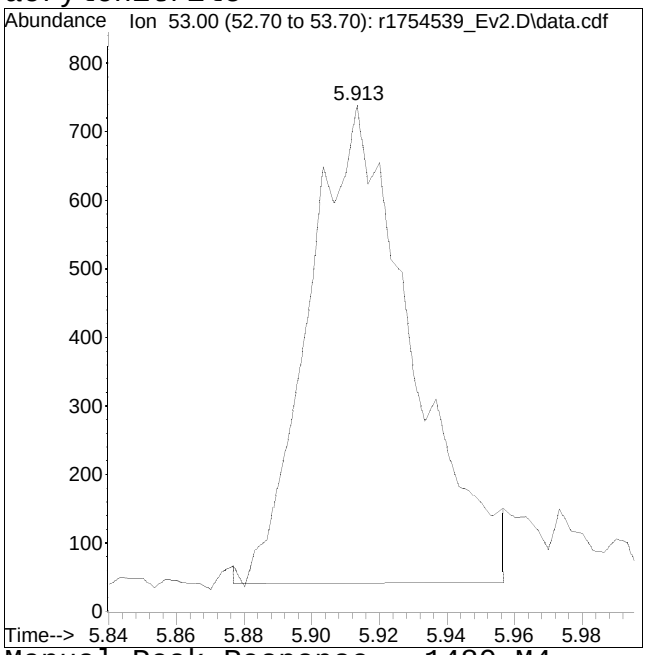
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754539_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:01 AM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/5/2026 4:59 pm

Compound #17: acrylonitrile



Original Peak Response = 485



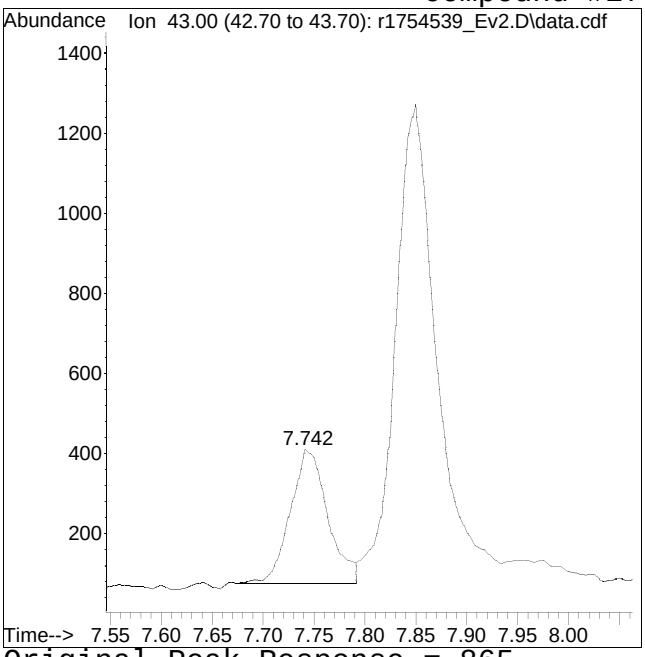
Manual Peak Response = 1480 M4

M4 = Poor automated baseline construction.

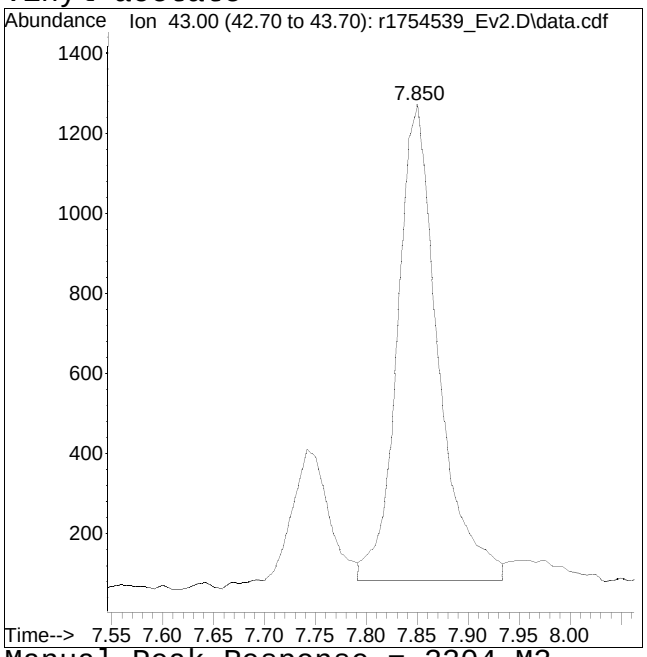
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754539_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:01 AM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/5/2026 4:59 pm

Compound #27: vinyl acetate



Original Peak Response = 865



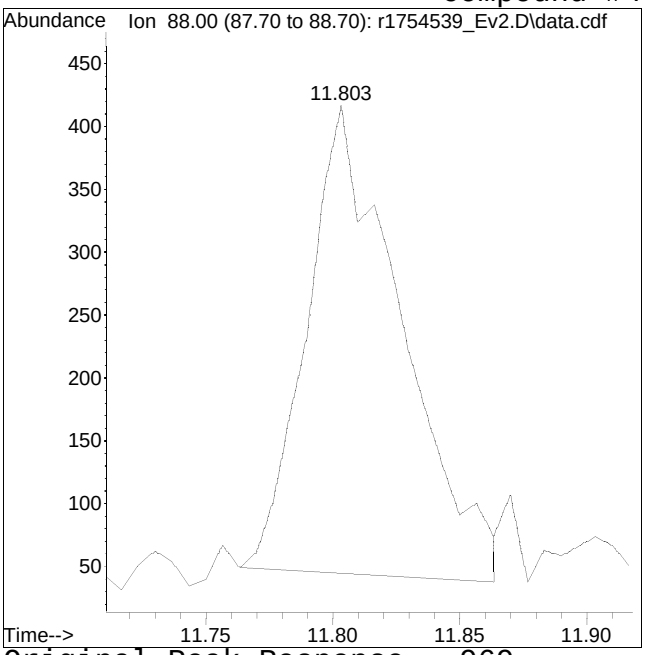
Manual Peak Response = 3304 M3

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.

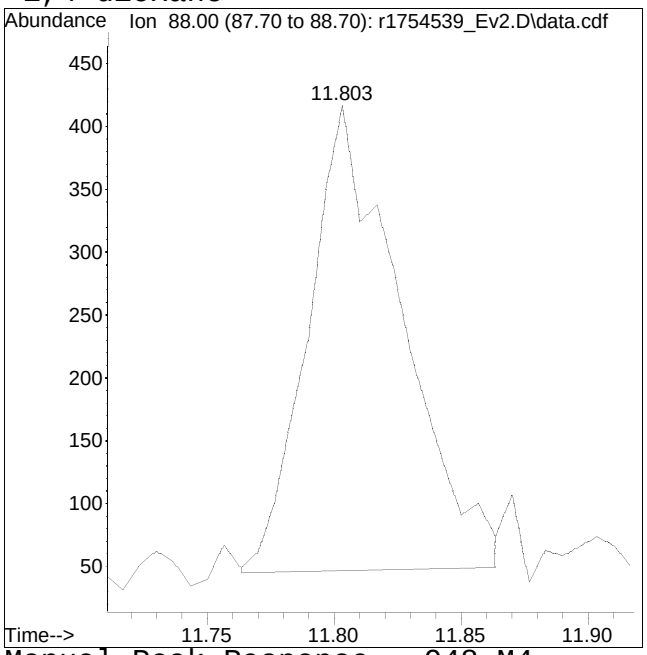
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754539_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:01 AM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/5/2026 4:59 pm

Compound #44: 1,4-dioxane



Original Peak Response = 969



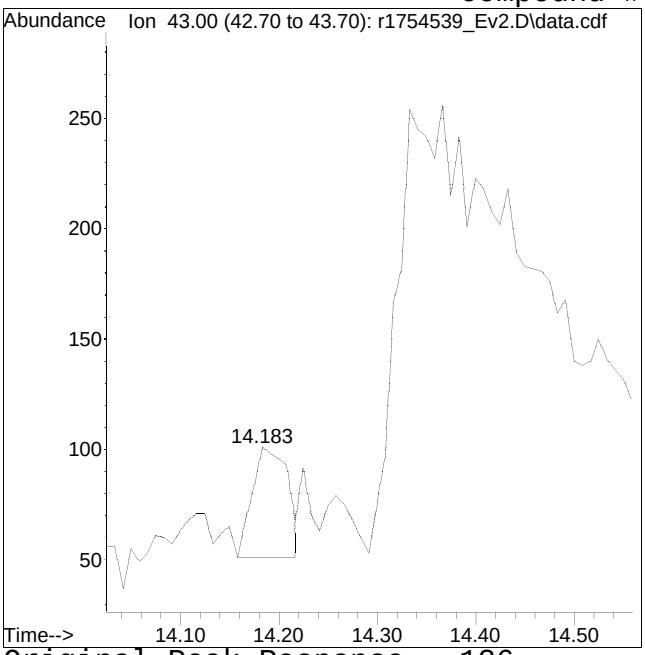
Manual Peak Response = 948 M4

M4 = Poor automated baseline construction.

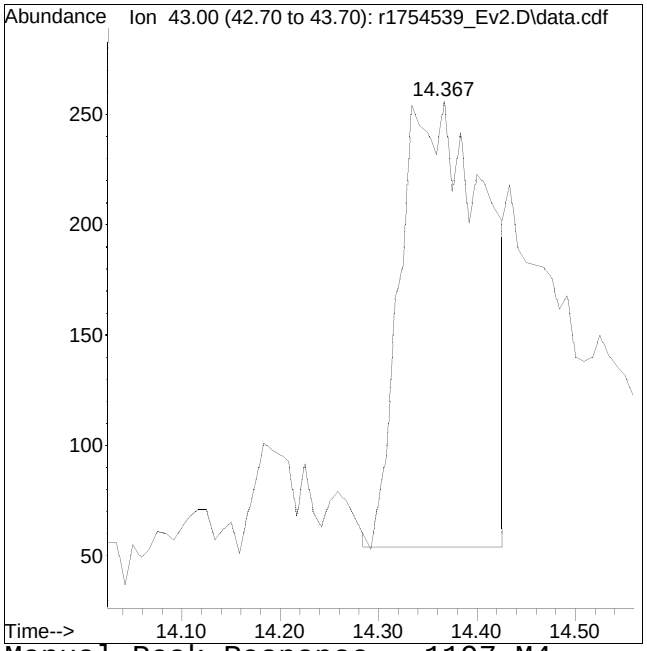
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754539_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:01 AM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/5/2026 4:59 pm

Compound #55: 2-hexanone



Original Peak Response = 126



Manual Peak Response = 1197 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754540_Ev2.D
Acq On : 5 Mar 2026 8:38 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2181934,50 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:12 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	230006	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 98.00%			
34) 1,4-difluorobenzene	10.983	114	722874	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 95.75%			
52) chlorobenzene-D5	15.750	54	105692	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 97.98%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.617	65	179951	10.694	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.94%			
54) toluene-D8	13.833	98	663842	10.372	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.72%			
68) bromofluorobenzene	17.142	95	405405	9.452	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.52%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	39286	2.445	ppbV	100
3) propylene	3.772	41	3998M6	0.291	ppbV	
4) dichlorodifluoromethane	3.844	85	7740	0.242	ppbV	100
5) chloromethane	3.994	50	3413	0.230	ppbV	99
6) Freon-114	4.096	85	8229	0.217	ppbV	97
7) vinyl chloride	4.210	62	4046	0.210	ppbV	96
8) 1,3-butadiene	4.348	54	2479	0.213	ppbV	97
9) bromomethane	4.612	94	3300	0.209	ppbV	98
10) chloroethane	4.786	64	1934	0.198	ppbV	96
11) ethanol	4.918	31	14157	0.877	ppbV #	76
12) vinyl bromide	5.150	106	3432	0.233	ppbV	99
13) acrolein	5.280	56	1932M1	0.242	ppbV	
14) acetone	5.417	43	26380	1.305	ppbV #	96
15) trichlorofluoromethane	5.593	101	7596	0.240	ppbV	99
16) isopropyl alcohol	5.690	45	12867	0.541	ppbV	100
17) acrylonitrile	5.907	53	2829	0.213	ppbV	99
18) 1,1-dichloroethene	6.264	61	6254	0.233	ppbV	96
19) tertiary butyl alcohol	6.336	59	7097	0.221	ppbV	98
20) methylene chloride	6.402	49	4606	0.265	ppbV	98
21) 3-chloropropene	6.528	41	4730	0.225	ppbV	97
22) carbon disulfide	6.696	76	10056	0.228	ppbV #	69
23) Freon 113	6.702	101	8193	0.240	ppbV	98
24) trans-1,2-dichloroethene	7.425	61	5923	0.235	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754540_Ev2.D
Acq On : 5 Mar 2026 8:38 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2181934,50 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:12 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.642	63	7757	0.235	ppbV		99
26) MTBE	7.733	73	8079	0.229	ppbV		95
27) vinyl acetate	7.842	43	5271	0.191	ppbV		99
28) 2-butanone	8.108	43	6328	0.211	ppbV		96
29) cis-1,2-dichloroethene	8.583	61	5952	0.232	ppbV		94
30) Ethyl Acetate	8.883	61	1243	0.208	ppbV	#	28
31) chloroform	8.917	83	7243	0.248	ppbV		98
32) Tetrahydrofuran	9.383	42	3400	0.211	ppbV		98
33) 1,2-dichloroethane	9.742	62	4626	0.237	ppbV		98
35) hexane	8.842	57	7171	0.230	ppbV	#	57
37) 1,1,1-trichloroethane	10.033	97	6704	0.242	ppbV		99
38) benzene	10.557	78	13346	0.249	ppbV		100
39) carbon tetrachloride	10.730	117	5627	0.231	ppbV		96
40) cyclohexane	10.870	56	7108	0.234	ppbV		95
41) Dibromomethane	11.463	93	4770	0.247	ppbV	#	96
42) 1,2-dichloropropane	11.497	63	5294	0.237	ppbV		96
43) bromodichloromethane	11.723	83	6498	0.233	ppbV		96
44) 1,4-dioxane	11.797	88	2609	0.241	ppbV		93
45) trichloroethene	11.777	130	6831	0.238	ppbV		95
46) 2,2,4-trimethylpentane	11.830	57	22202M6	0.237	ppbV		
47) heptane	12.143	43	7054	0.230	ppbV		99
48) cis-1,3-dichloropropene	12.792	75	5335	0.228	ppbV		97
49) 4-methyl-2-pentanone	12.867	43	6870	0.195	ppbV		98
50) trans-1,3-dichloropropene	13.425	75	3228	0.202	ppbV	#	89
51) 1,1,2-trichloroethane	13.617	97	5550	0.235	ppbV		98
53) toluene	13.950	91	17200	0.234	ppbV		99
55) 2-hexanone	14.300	43	4444M1	0.231	ppbV		
56) dibromochloromethane	14.417	129	7066	0.209	ppbV		98
57) 1,2-dibromoethane	14.675	107	7042	0.220	ppbV		98
58) tetrachloroethene	15.142	166	6441	0.234	ppbV		99
59) 1,1,1,2-tetrachloroethane	15.783	131	6049	0.225	ppbV		97
60) chlorobenzene	15.792	112	12686	0.228	ppbV		97
61) ethylbenzene	16.158	91	20485	0.217	ppbV		99
62) m+p-xylene	16.317	91	32207	0.429	ppbV		99
63) bromoform	16.383	173	4592	0.188	ppbV		99
64) styrene	16.650	104	10591	0.193	ppbV		97
65) 1,1,2,2-tetrachloroethane	16.742	83	10969	0.237	ppbV		100
66) o-xylene	16.742	91	16321	0.215	ppbV		100
67) 1,2,3-Trichloropropane	16.858	75	7585	0.235	ppbV		99
69) isopropylbenzene	17.267	105	20273	0.228	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754540_Ev2.D
Acq On : 5 Mar 2026 8:38 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2181934,50 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:12 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

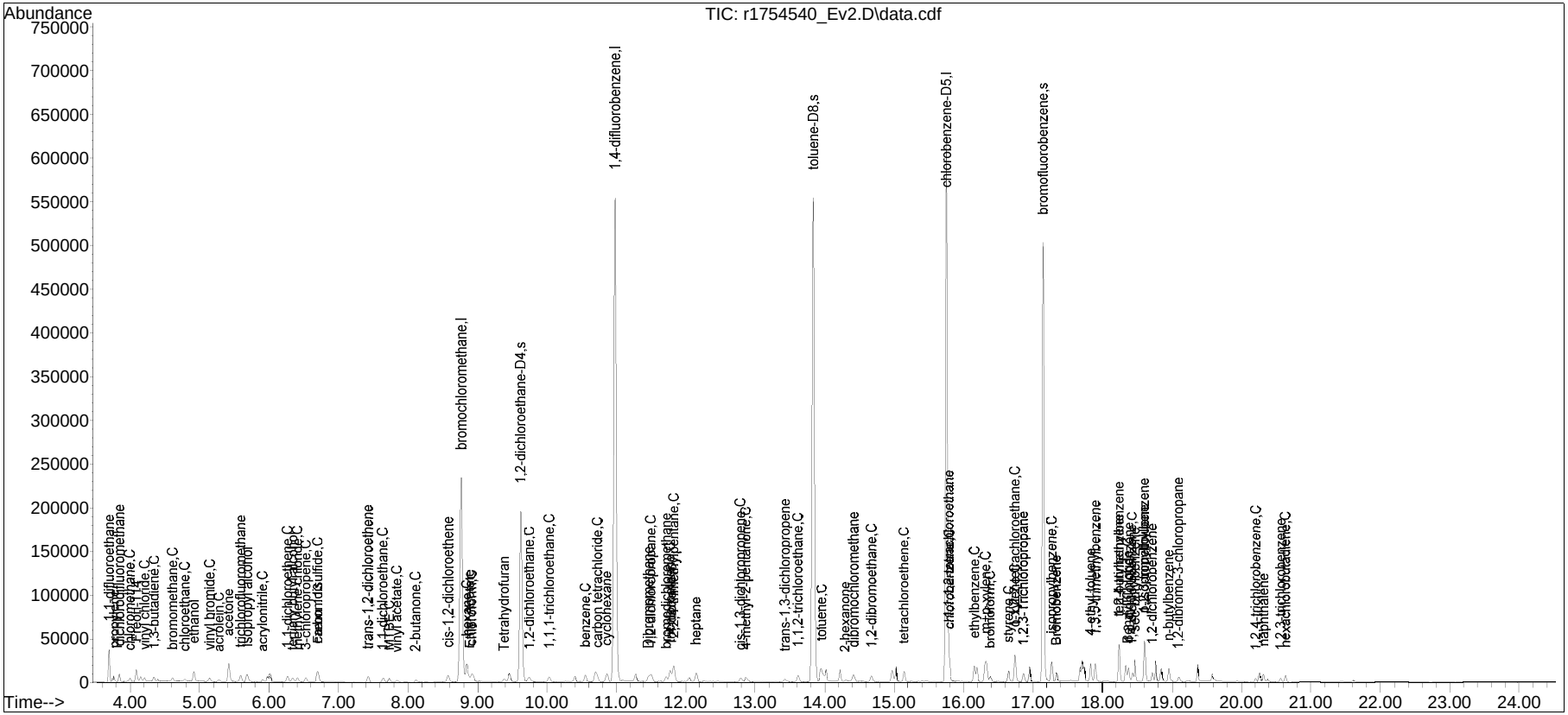
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.333	77	10121	0.228	ppbV	99
71) 4-ethyl toluene	17.833	105	17443	0.202	ppbV	99
72) 1,3,5-trimethylbenzene	17.900	105	16183	0.214	ppbV	99
73) tert-butylbenzene	18.242	119	18396	0.224	ppbV	100
74) 1,2,4-trimethylbenzene	18.242	105	16021	0.208	ppbV	96
75) Benzyl Chloride	18.367	91	7478	0.157	ppbV	96
76) 1,3-dichlorobenzene	18.383	146	9678	0.196	ppbV	96
77) 1,4-dichlorobenzene	18.433	146	9933	0.203	ppbV	97
78) sec-butylbenzene	18.475	105	24410	0.219	ppbV	95
79) 1,2,3-trimethylbenzene	18.600	105	17342	0.219	ppbV	98
80) p-isopropyltoluene	18.600	119	22431	0.222	ppbV	98
81) 1,2-dichlorobenzene	18.717	146	9828	0.212	ppbV	98
82) n-butylbenzene	18.950	91	18669	0.207	ppbV	93
83) 1,2-dibromo-3-chloropr...	19.092	75	3350	0.206	ppbV	92
84) 1,2,4-trichlorobenzene	20.208	180	5315	0.176	ppbV	99
85) naphthalene	20.317	128	16716	0.182	ppbV	100
86) 1,2,3-trichlorobenzene	20.567	180	5394	0.190	ppbV	99
87) hexachlorobutadiene	20.633	225	6339	0.221	ppbV	98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754540_Ev2.D
Acq On : 5 Mar 2026 8:38 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.2
Misc : WG2181934,50 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:12 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

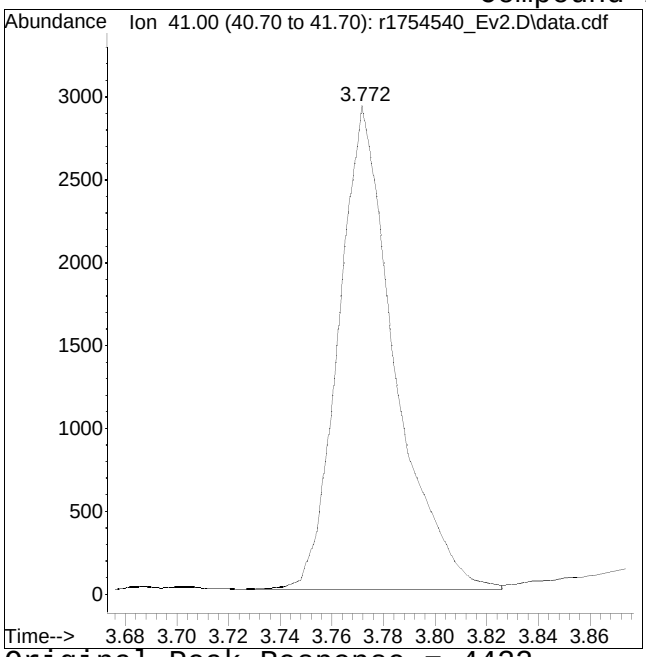


Manual Integration Report

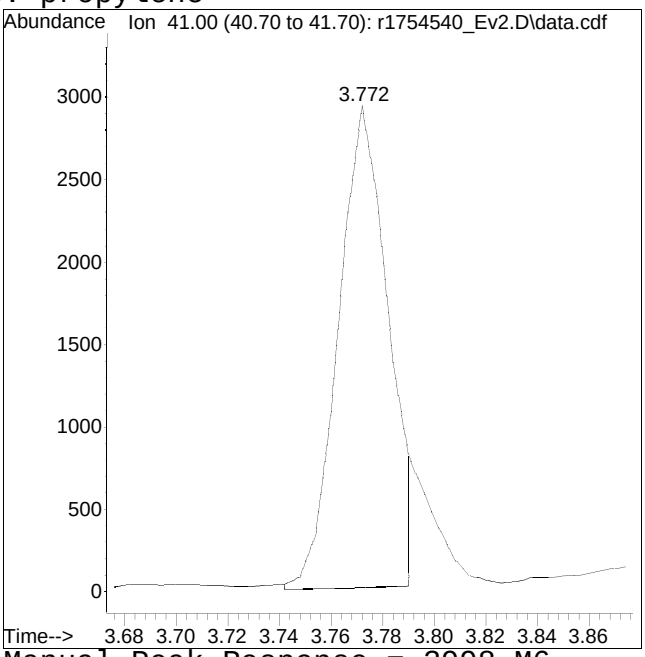
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1754540_Ev2.D
Date Inj'd : 3/5/2026 8:38 AM
Sample : ITO15-SIMSTD0.2

Method : TSIM17_260305.M
Operator : AIRLAB17:JJT
Instrument :
Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 4422



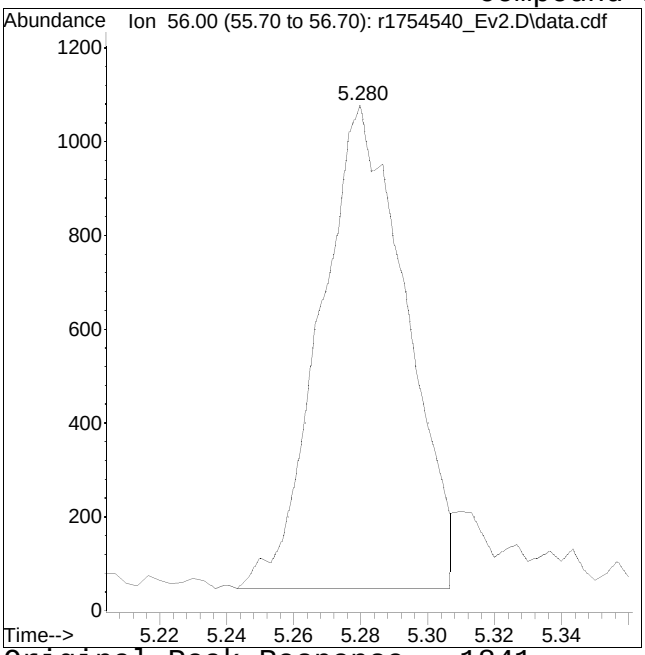
Manual Peak Response = 3998 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

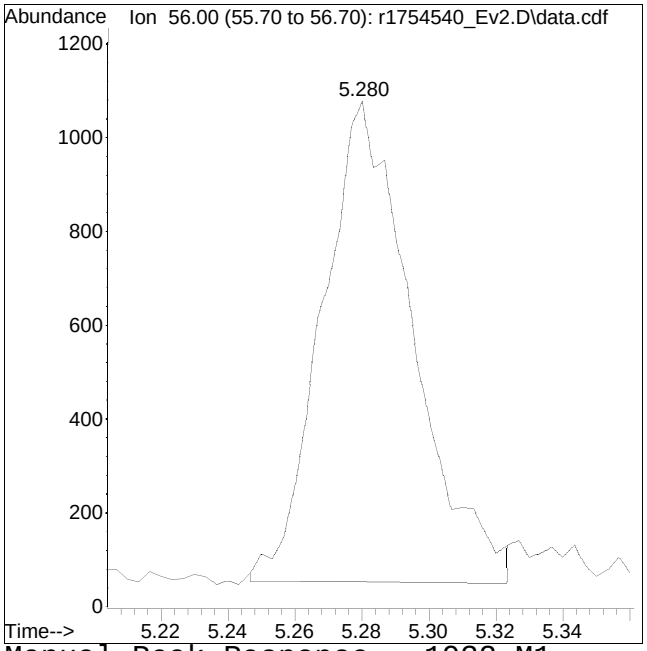
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754540_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:38 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 3/5/2026 4:59 pm

Compound #13: acrolein



Original Peak Response = 1841



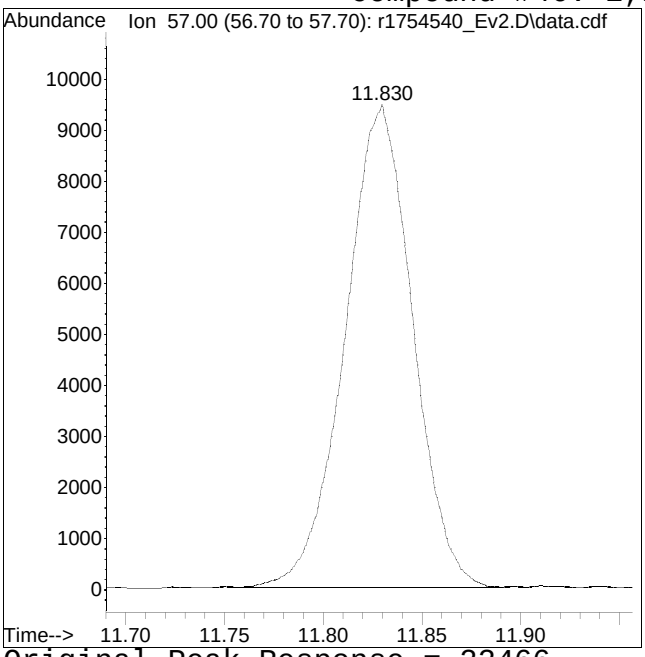
Manual Peak Response = 1932 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

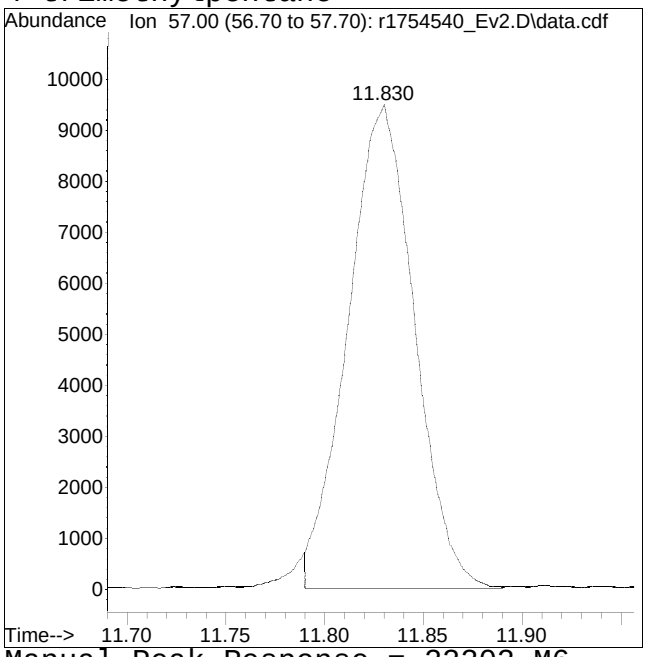
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754540_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:38 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 3/5/2026 4:59 pm

Compound #46: 2,2,4-trimethylpentane



Original Peak Response = 22466



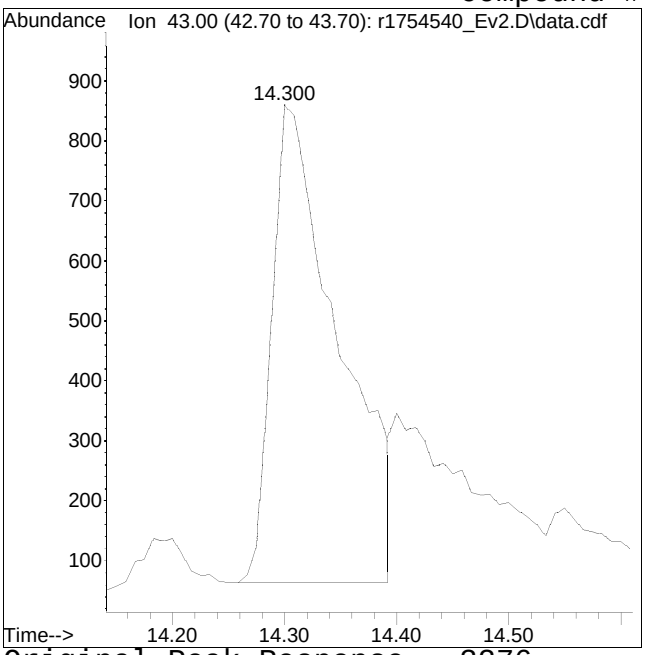
Manual Peak Response = 22202 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

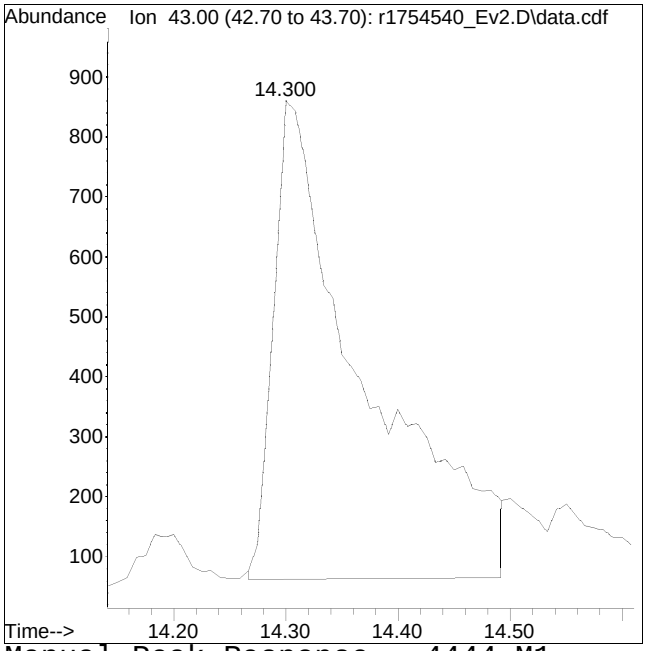
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754540_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 8:38 AM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 3/5/2026 4:59 pm

Compound #55: 2-hexanone



Original Peak Response = 3276



Manual Peak Response = 4444 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\Airlab17\2026\03\0305SIM_I\
Data File : r1754541_Ev2.D
Acq On : 5 Mar 2026 9:17 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2181934,125 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:20 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	232159	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 98.92%			
34) 1,4-difluorobenzene	10.983	114	740125	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 98.04%			
52) chlorobenzene-D5	15.750	54	106692	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 98.90%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.625	65	181413	10.529	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.29%			
54) toluene-D8	13.833	98	714098	11.053	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.53%			
68) bromofluorobenzene	17.142	95	447139	10.327	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.27%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	95861	5.911	ppbV	100
3) propylene	3.772	41	8726M6	0.629	ppbV	
4) dichlorodifluoromethane	3.844	85	18501	0.573	ppbV	100
5) chloromethane	4.000	50	9141	0.611	ppbV	99
6) Freon-114	4.102	85	22563	0.591	ppbV	99
7) vinyl chloride	4.216	62	11949	0.613	ppbV	100
8) 1,3-butadiene	4.348	54	7185	0.612	ppbV	92
9) bromomethane	4.618	94	8932	0.561	ppbV	100
10) chloroethane	4.792	64	5680	0.576	ppbV	97
11) ethanol	4.918	31	46874	2.876	ppbV	99
12) vinyl bromide	5.157	106	8336	0.561	ppbV	97
13) acrolein	5.283	56	4383	0.544	ppbV	99
14) acetone	5.417	43	62910	3.083	ppbV #	99
15) trichlorofluoromethane	5.600	101	18133	0.567	ppbV	96
16) isopropyl alcohol	5.690	45	30458	1.268	ppbV	100
17) acrylonitrile	5.910	53	6937	0.517	ppbV	98
18) 1,1-dichloroethene	6.270	61	15071	0.557	ppbV	99
19) tertiary butyl alcohol	6.336	59	16718	0.515	ppbV	95
20) methylene chloride	6.408	49	10468	0.596	ppbV	98
21) 3-chloropropene	6.534	41	11608	0.546	ppbV	98
22) carbon disulfide	6.702	76	24225	0.544	ppbV #	91
23) Freon 113	6.708	101	19740	0.572	ppbV	99
24) trans-1,2-dichloroethene	7.433	61	14086	0.553	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754541_Ev2.D
Acq On : 5 Mar 2026 9:17 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2181934,125 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:20 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.650	63	18656	0.561	ppbV		99
26) MTBE	7.733	73	19606	0.551	ppbV		98
27) vinyl acetate	7.842	43	13516	0.486	ppbV		99
28) 2-butanone	8.108	43	15497	0.511	ppbV		100
29) cis-1,2-dichloroethene	8.583	61	14409	0.556	ppbV		98
30) Ethyl Acetate	8.875	61	2784	0.461	ppbV	#	37
31) chloroform	8.925	83	17095	0.579	ppbV		98
32) Tetrahydrofuran	9.383	42	8322	0.512	ppbV		99
33) 1,2-dichloroethane	9.750	62	11319	0.574	ppbV		99
35) hexane	8.842	57	17252	0.541	ppbV	#	62
37) 1,1,1-trichloroethane	10.042	97	16064	0.566	ppbV		98
38) benzene	10.557	78	32106	0.585	ppbV		100
39) carbon tetrachloride	10.730	117	13736	0.551	ppbV		97
40) cyclohexane	10.877	56	17830	0.574	ppbV		98
41) Dibromomethane	11.470	93	11581	0.585	ppbV	#	99
42) 1,2-dichloropropane	11.497	63	12909	0.563	ppbV		97
43) bromodichloromethane	11.723	83	15513	0.544	ppbV		97
44) 1,4-dioxane	11.790	88	6104	0.551	ppbV		95
45) trichloroethene	11.777	130	16097	0.549	ppbV		99
46) 2,2,4-trimethylpentane	11.830	57	54750M6	0.571	ppbV		
47) heptane	12.150	43	17502	0.556	ppbV		98
48) cis-1,3-dichloropropene	12.792	75	12768	0.534	ppbV		98
49) 4-methyl-2-pentanone	12.858	43	18946	0.526	ppbV		99
50) trans-1,3-dichloropropene	13.425	75	8493	0.518	ppbV		94
51) 1,1,2-trichloroethane	13.617	97	13528	0.560	ppbV		100
53) toluene	13.950	91	41619	0.562	ppbV		99
55) 2-hexanone	14.283	43	14006M1	0.722	ppbV		
56) dibromochloromethane	14.417	129	17788	0.521	ppbV		99
57) 1,2-dibromoethane	14.675	107	17627	0.544	ppbV		99
58) tetrachloroethene	15.150	166	15354	0.552	ppbV		98
59) 1,1,1,2-tetrachloroethane	15.783	131	14966	0.551	ppbV		99
60) chlorobenzene	15.792	112	30945	0.551	ppbV		98
61) ethylbenzene	16.150	91	51048	0.535	ppbV		96
62) m+p-xylene	16.317	91	80705	1.064	ppbV		99
63) bromoform	16.383	173	11818	0.479	ppbV		100
64) styrene	16.650	104	27119	0.490	ppbV		99
65) 1,1,2,2-tetrachloroethane	16.742	83	26538	0.568	ppbV		100
66) o-xylene	16.742	91	40976	0.536	ppbV		99
67) 1,2,3-Trichloropropane	16.858	75	18424	0.565	ppbV		99
69) isopropylbenzene	17.267	105	50570	0.565	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754541_Ev2.D
Acq On : 5 Mar 2026 9:17 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2181934,125 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:20 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

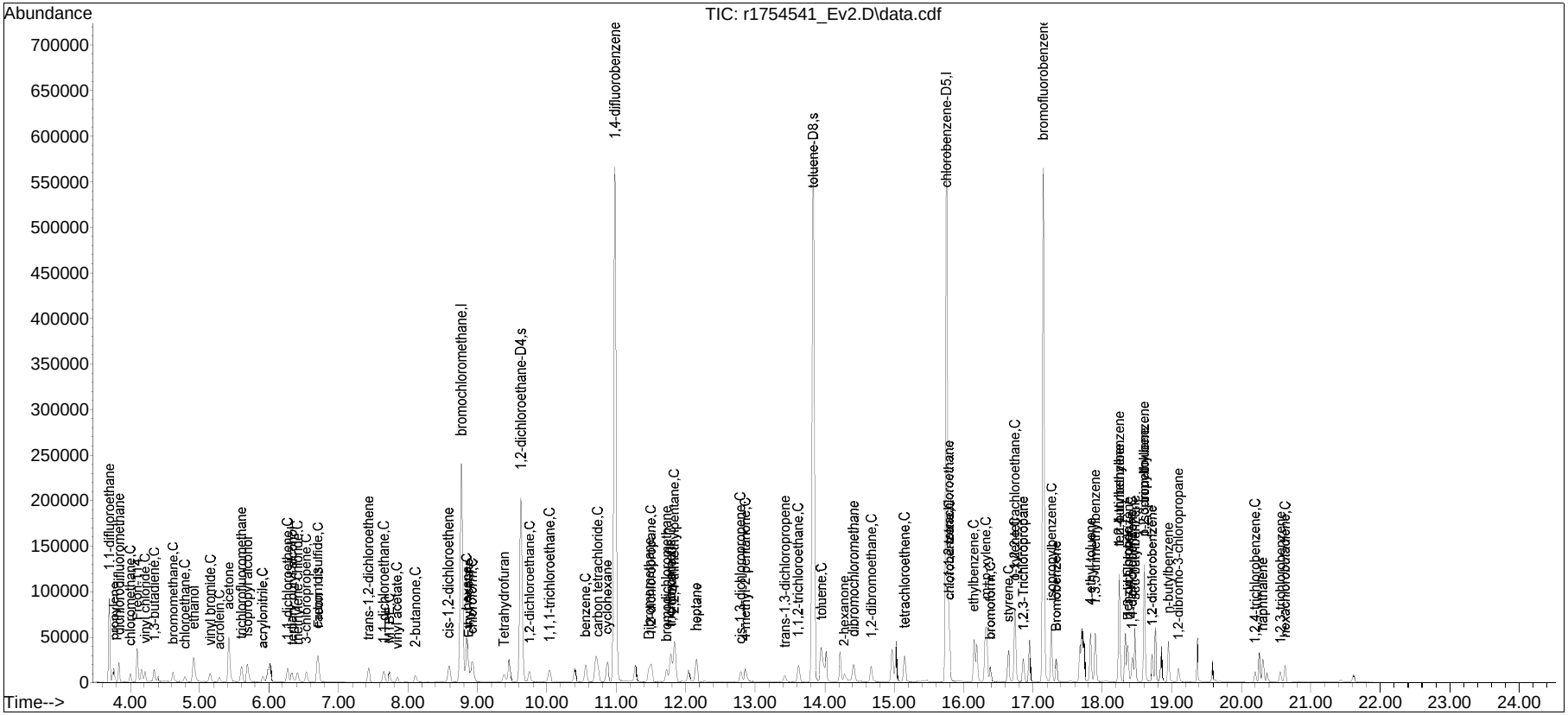
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.333	77	24190	0.539	ppbV	100
71) 4-ethyl toluene	17.833	105	45167	0.517	ppbV	98
72) 1,3,5-trimethylbenzene	17.892	105	40502	0.531	ppbV	98
73) tert-butylbenzene	18.242	119	46175	0.557	ppbV	100
74) 1,2,4-trimethylbenzene	18.242	105	40613	0.523	ppbV	98
75) Benzyl Chloride	18.367	91	20529	0.427	ppbV	98
76) 1,3-dichlorobenzene	18.375	146	25072	0.503	ppbV	99
77) 1,4-dichlorobenzene	18.433	146	24494	0.496	ppbV	99
78) sec-butylbenzene	18.467	105	61017	0.543	ppbV	100
79) 1,2,3-trimethylbenzene	18.600	105	44143	0.552	ppbV	100
80) p-isopropyltoluene	18.600	119	56975	0.558	ppbV	99
81) 1,2-dichlorobenzene	18.717	146	27386	0.585	ppbV	94
82) n-butylbenzene	18.950	91	46869	0.515	ppbV	98
83) 1,2-dibromo-3-chloropr...	19.092	75	8325	0.508	ppbV	94
84) 1,2,4-trichlorobenzene	20.200	180	13026	0.428	ppbV	99
85) naphthalene	20.308	128	43275	0.466	ppbV	100
86) 1,2,3-trichlorobenzene	20.567	180	13955	0.486	ppbV	97
87) hexachlorobutadiene	20.633	225	15634	0.540	ppbV	98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754541_Ev2.D
Acq On : 5 Mar 2026 9:17 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD0.5
Misc : WG2181934,125 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

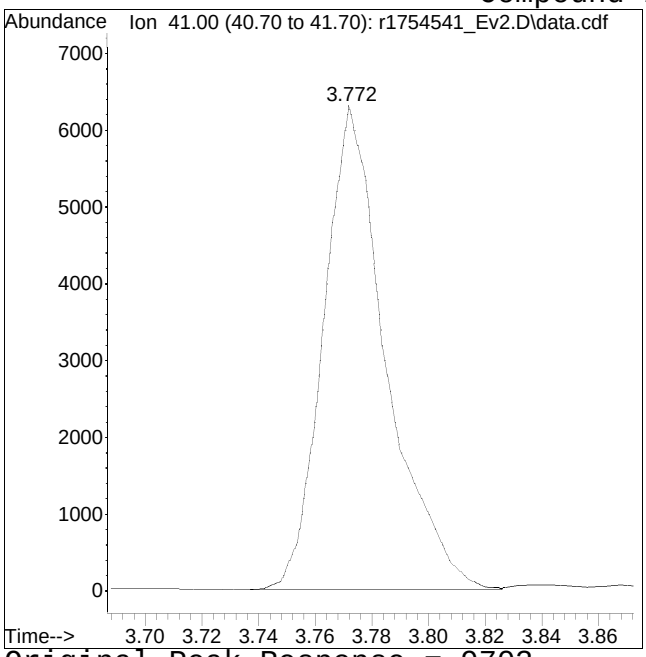
Quant Time: Mar 05 16:59:20 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration



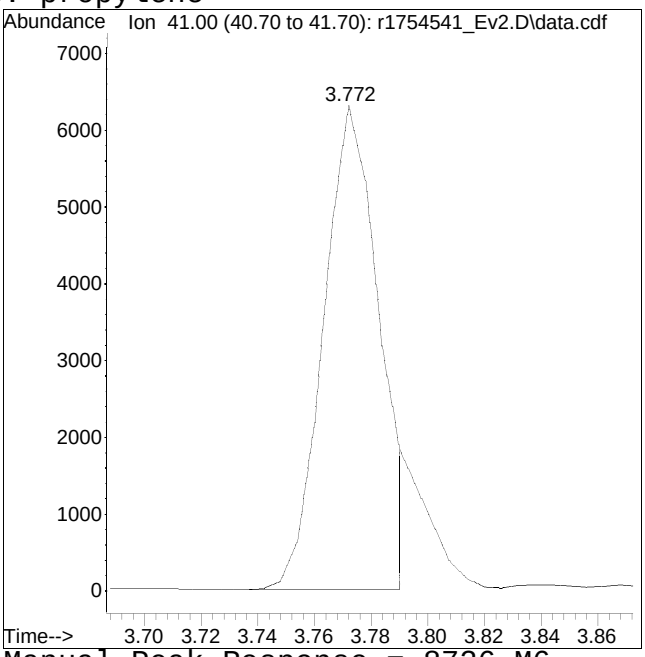
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754541_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 9:17 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 9703



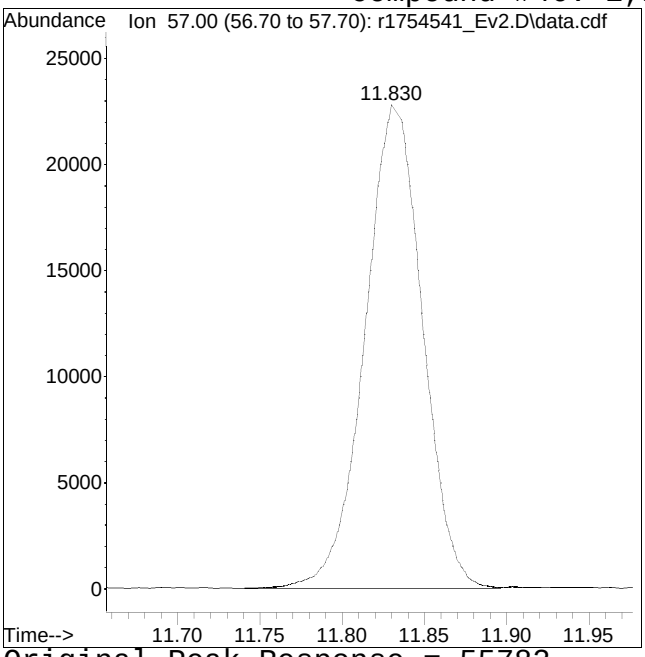
Manual Peak Response = 8726 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

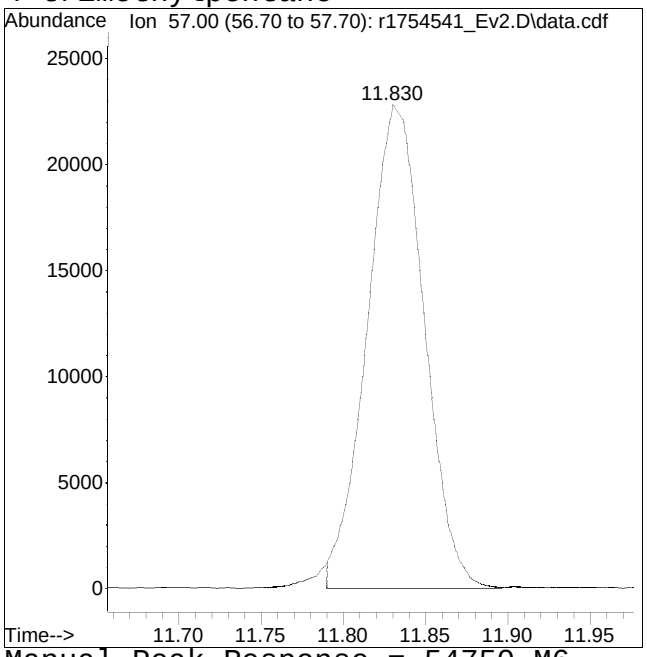
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754541_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 9:17 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 3/5/2026 4:59 pm

Compound #46: 2,2,4-trimethylpentane



Original Peak Response = 55782



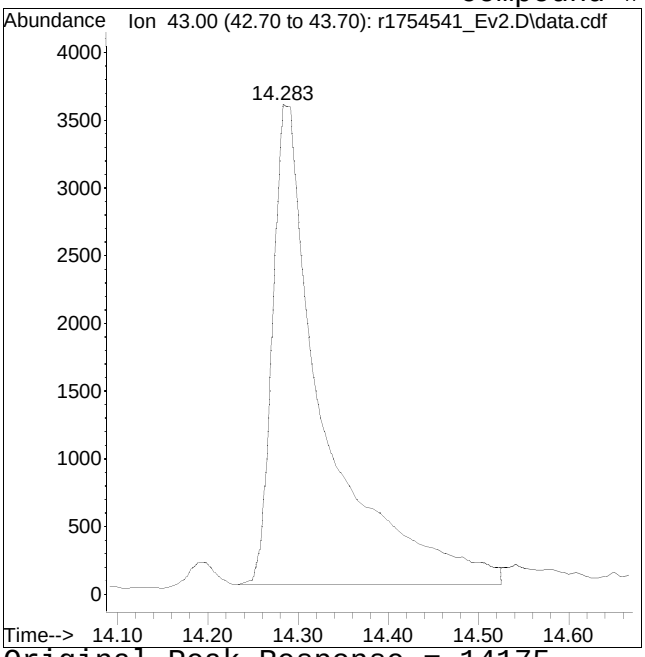
Manual Peak Response = 54750 M6

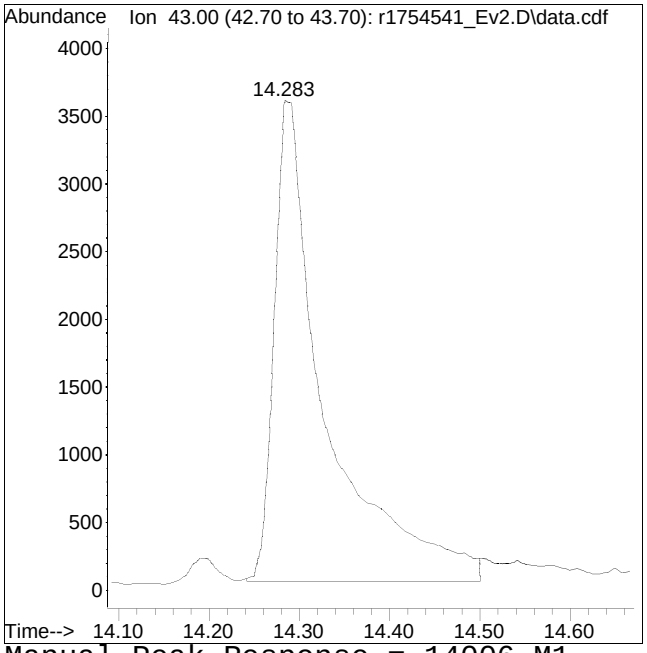
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754541_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 9:17 AM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 3/5/2026 4:59 pm

Compound #55: 2-hexanone





Original Peak Response = 14175 Manual Peak Response = 14006 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\Airlab17\2026\03\0305SIM_I\
Data File : r1754542_Ev2.D
Acq On : 5 Mar 2026 9:57 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2181934,250 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:28 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	236539	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 100.78%			
34) 1,4-difluorobenzene	10.983	114	754013	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 99.88%			
52) chlorobenzene-D5	15.750	54	108149	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 100.25%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.625	65	186423	10.621	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.21%			
54) toluene-D8	13.833	98	707330	10.801	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.01%			
68) bromofluorobenzene	17.142	95	442121	10.073	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.73%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	197878	11.975	ppbV	100
3) propylene	3.778	41	17842M6	1.263	ppbV	
4) dichlorodifluoromethane	3.844	85	38367	1.167	ppbV	99
5) chloromethane	4.000	50	18118	1.188	ppbV	100
6) Freon-114	4.102	85	44420	1.141	ppbV	99
7) vinyl chloride	4.216	62	21847	1.100	ppbV	99
8) 1,3-butadiene	4.348	54	13245	1.108	ppbV	99
9) bromomethane	4.612	94	15955	0.984	ppbV	99
10) chloroethane	4.792	64	9613	0.956	ppbV	98
11) ethanol	4.918	31	93784	5.649	ppbV	100
12) vinyl bromide	5.153	106	17100	1.130	ppbV	97
13) acrolein	5.280	56	9307	1.133	ppbV	98
14) acetone	5.413	43	131828	6.340	ppbV	100
15) trichlorofluoromethane	5.597	101	37729	1.158	ppbV	100
16) isopropyl alcohol	5.680	45	63568	2.598	ppbV	100
17) acrylonitrile	5.910	53	15152	1.109	ppbV	99
18) 1,1-dichloroethene	6.270	61	31287	1.135	ppbV	98
19) tertiary butyl alcohol	6.324	59	35869	1.084	ppbV	98
20) methylene chloride	6.408	49	21196	1.184	ppbV	99
21) 3-chloropropene	6.534	41	24028	1.110	ppbV	99
22) carbon disulfide	6.702	76	50322	1.109	ppbV	96
23) Freon 113	6.708	101	40330	1.148	ppbV	99
24) trans-1,2-dichloroethene	7.433	61	29814	1.148	ppbV	95

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754542_Ev2.D
Acq On : 5 Mar 2026 9:57 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2181934,250 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:28 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.650	63	38916	1.149	ppbV		100
26) MTBE	7.725	73	40918	1.129	ppbV		97
27) vinyl acetate	7.842	43	28563	1.008	ppbV		99
28) 2-butanone	8.100	43	33884	1.097	ppbV		100
29) cis-1,2-dichloroethene	8.583	61	30136	1.141	ppbV		98
30) Ethyl Acetate	8.867	61	6398	1.039	ppbV	#	55
31) chloroform	8.925	83	35351	1.176	ppbV		98
32) Tetrahydrofuran	9.367	42	17727	1.071	ppbV		98
33) 1,2-dichloroethane	9.750	62	23470	1.169	ppbV		99
35) hexane	8.842	57	36240	1.116	ppbV	#	71
37) 1,1,1-trichloroethane	10.033	97	33247	1.151	ppbV		98
38) benzene	10.557	78	66992	1.198	ppbV		100
39) carbon tetrachloride	10.730	117	28371	1.117	ppbV		99
40) cyclohexane	10.870	56	36766	1.161	ppbV		99
41) Dibromomethane	11.470	93	23760	1.179	ppbV	#	100
42) 1,2-dichloropropane	11.497	63	26862	1.151	ppbV		99
43) bromodichloromethane	11.723	83	32982	1.135	ppbV		100
44) 1,4-dioxane	11.777	88	13715	1.216	ppbV		96
45) trichloroethene	11.777	130	34568	1.157	ppbV		98
46) 2,2,4-trimethylpentane	11.830	57	112340M6	1.150	ppbV		
47) heptane	12.143	43	36580	1.141	ppbV		99
48) cis-1,3-dichloropropene	12.792	75	26938	1.106	ppbV		99
49) 4-methyl-2-pentanone	12.842	43	40629	1.108	ppbV		99
50) trans-1,3-dichloropropene	13.417	75	18120	1.086	ppbV		95
51) 1,1,2-trichloroethane	13.617	97	28357	1.151	ppbV		99
53) toluene	13.950	91	86846	1.156	ppbV		99
55) 2-hexanone	14.267	43	35004M1	1.779	ppbV		
56) dibromochloromethane	14.408	129	37754	1.092	ppbV		99
57) 1,2-dibromoethane	14.667	107	37075	1.130	ppbV		99
58) tetrachloroethene	15.142	166	32262	1.144	ppbV		99
59) 1,1,1,2-tetrachloroethane	15.783	131	31269	1.136	ppbV		99
60) chlorobenzene	15.792	112	64115	1.126	ppbV		99
61) ethylbenzene	16.150	91	106592	1.103	ppbV		99
62) m+p-xylene	16.317	91	169728	2.208	ppbV		100
63) bromoform	16.383	173	24866	0.995	ppbV		99
64) styrene	16.650	104	58262	1.038	ppbV		99
65) 1,1,2,2-tetrachloroethane	16.742	83	54932	1.161	ppbV		99
66) o-xylene	16.742	91	86239	1.113	ppbV		98
67) 1,2,3-Trichloropropane	16.850	75	38100	1.152	ppbV		100
69) isopropylbenzene	17.258	105	104405	1.150	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754542_Ev2.D
Acq On : 5 Mar 2026 9:57 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2181934,250 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:28 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

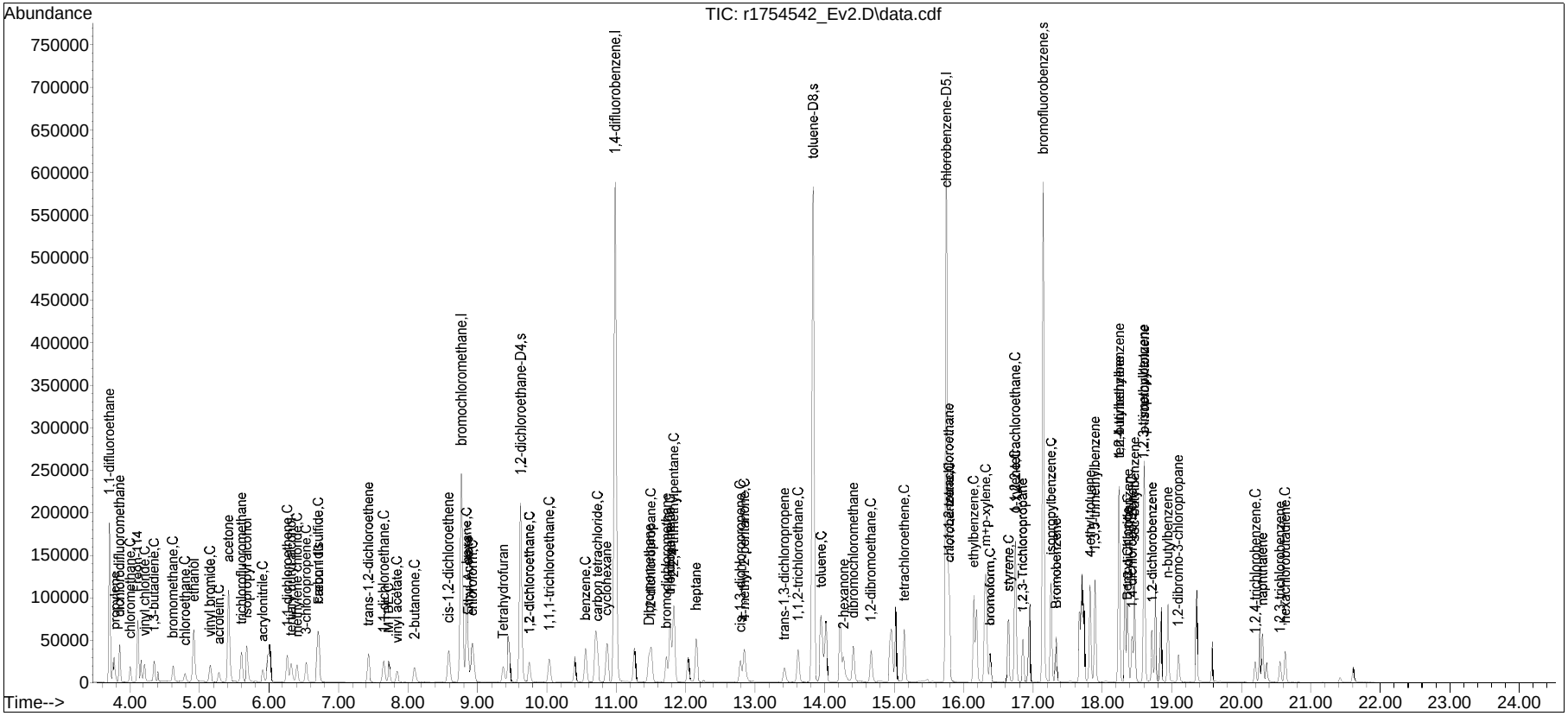
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.333	77	50592	1.113	ppbV	99
71) 4-ethyl toluene	17.825	105	95409	1.078	ppbV	98
72) 1,3,5-trimethylbenzene	17.892	105	85793	1.109	ppbV	98
73) tert-butylbenzene	18.242	119	95927	1.141	ppbV	100
74) 1,2,4-trimethylbenzene	18.242	105	85441	1.086	ppbV	96
75) Benzyl Chloride	18.358	91	46278	0.950	ppbV	96
76) 1,3-dichlorobenzene	18.375	146	52496	1.040	ppbV	95
77) 1,4-dichlorobenzene	18.433	146	52343	1.045	ppbV	96
78) sec-butylbenzene	18.467	105	128328	1.127	ppbV	96
79) 1,2,3-trimethylbenzene	18.592	105	92173	1.136	ppbV	99
80) p-isopropyltoluene	18.600	119	117251	1.133	ppbV	99
81) 1,2-dichlorobenzene	18.717	146	56820	1.198	ppbV	91
82) n-butylbenzene	18.942	91	98719	1.070	ppbV	94
83) 1,2-dibromo-3-chloropr...	19.083	75	17965	1.082	ppbV	96
84) 1,2,4-trichlorobenzene	20.200	180	27629	0.896	ppbV	98
85) naphthalene	20.308	128	89701	0.954	ppbV	99
86) 1,2,3-trichlorobenzene	20.558	180	27957	0.960	ppbV	98
87) hexachlorobutadiene	20.625	225	29879	1.018	ppbV	97

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754542_Ev2.D
Acq On : 5 Mar 2026 9:57 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD1.0
Misc : WG2181934,250 mL SS26-008C
ALS Vial : 0 Sample Multiplier: 1

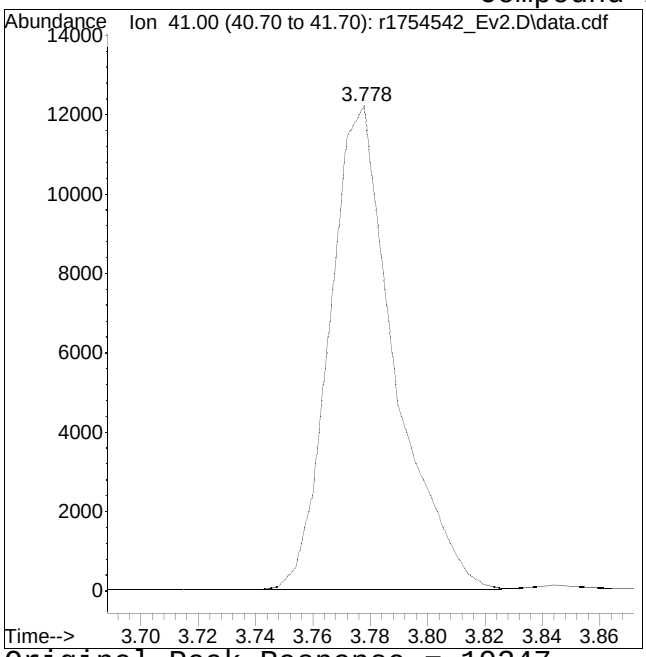
Quant Time: Mar 05 16:59:28 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration



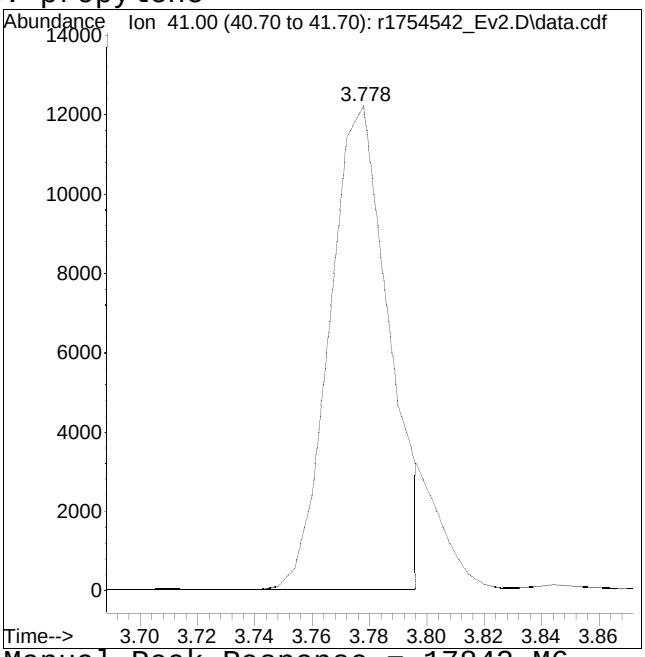
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754542_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 9:57 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 19247



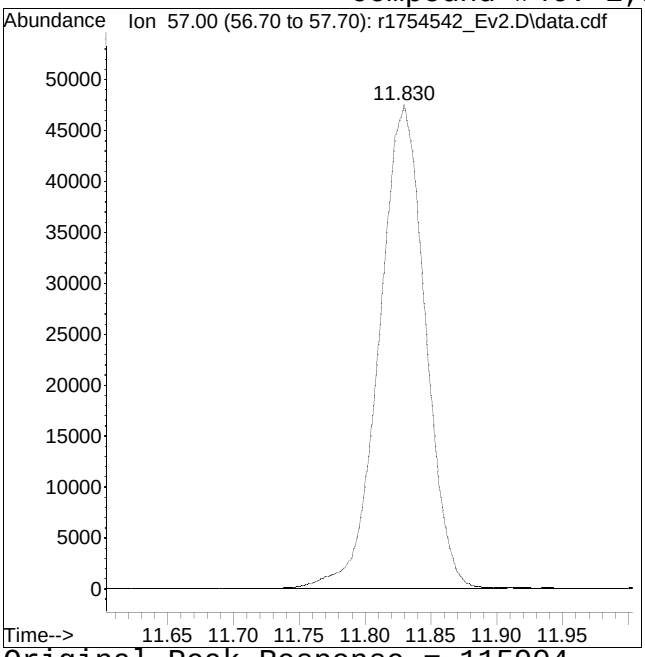
Manual Peak Response = 17842 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

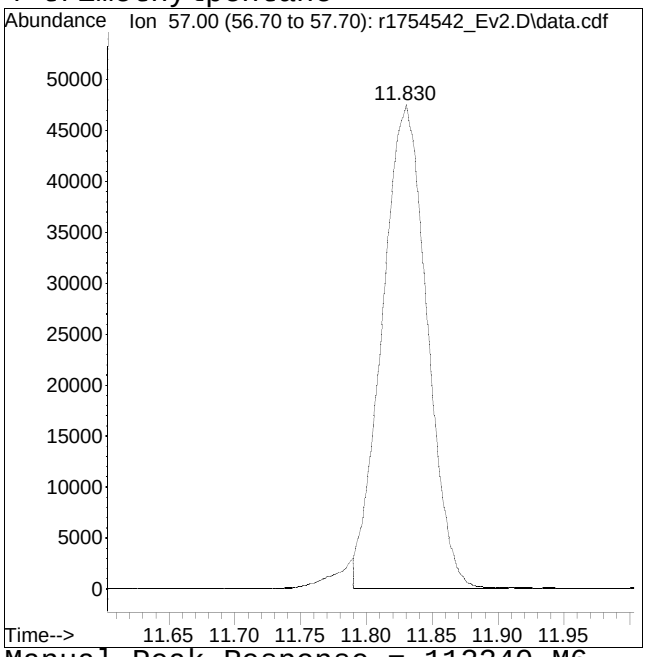
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754542_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 9:57 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 3/5/2026 4:59 pm

Compound #46: 2,2,4-trimethylpentane



Original Peak Response = 115904



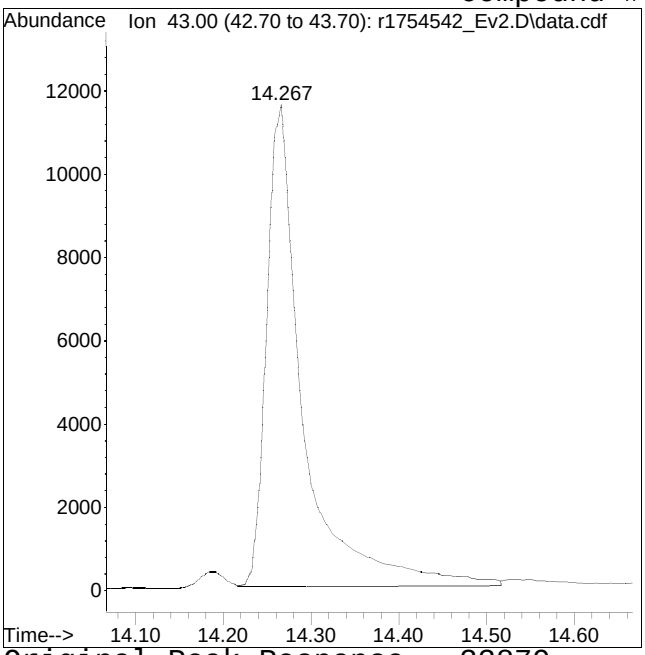
Manual Peak Response = 112340 M6

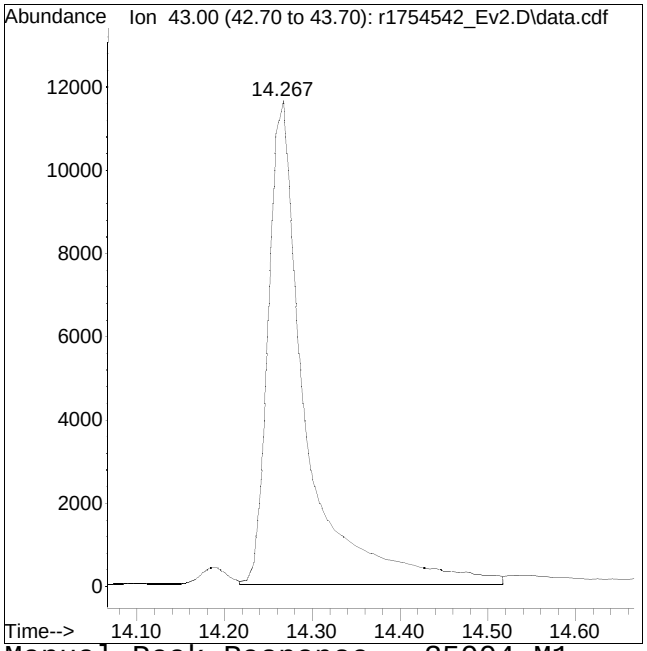
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754542_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 9:57 AM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 3/5/2026 4:59 pm

Compound #55: 2-hexanone





Original Peak Response = 33879 Manual Peak Response = 35004 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\Airlab17\2026\03\0305SIM_I\
Data File : r1754543_Ev2.D
Acq On : 5 Mar 2026 10:35 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:56:24 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:56:04 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	234698	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 100.00%			
34) 1,4-difluorobenzene	10.983	114	754921	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 100.00%			
52) chlorobenzene-D5	15.750	54	107875	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 100.00%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.625	65	175740	9.507	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.07%			
54) toluene-D8	13.825	98	653229	9.081	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.81%			
68) bromofluorobenzene	17.142	95	437784	9.442	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.42%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	819781	3.320	ppbV	99
3) propylene	3.772	41	70094M6	3.871	ppbV	
4) dichlorodifluoromethane	3.838	85	163173	4.570	ppbV	100
5) chloromethane	3.994	50	75658	4.483	ppbV	100
6) Freon-114	4.096	85	193056	4.441	ppbV	100
7) vinyl chloride	4.210	62	98525	4.447	ppbV	100
8) 1,3-butadiene	4.342	54	59330	4.274	ppbV	100
9) bromomethane	4.612	94	80456	4.635	ppbV	100
10) chloroethane	4.786	64	49884	4.601	ppbV	100
11) ethanol	4.912	31	411844	24.379	ppbV	100
12) vinyl bromide	5.150	106	75045	4.312	ppbV	100
13) acrolein	5.270	56	40752	4.554	ppbV	100
14) acetone	5.397	43	515763	21.478	ppbV	100
15) trichlorofluoromethane	5.597	101	161669	4.422	ppbV	100
16) isopropyl alcohol	5.667	45	303497	11.484	ppbV	100
17) acrylonitrile	5.903	53	67761	4.531	ppbV	100
18) 1,1-dichloroethene	6.270	61	136734	4.353	ppbV	100
19) tertiary butyl alcohol	6.306	59	164120	4.484	ppbV	100
20) methylene chloride	6.402	49	88781	4.484	ppbV	100
21) 3-chloropropene	6.528	41	107438	4.372	ppbV	100
22) carbon disulfide	6.696	76	225077	4.482	ppbV	100
23) Freon 113	6.702	101	174336	4.345	ppbV	100
24) trans-1,2-dichloroethene	7.425	61	128791	4.348	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754543_Ev2.D
Acq On : 5 Mar 2026 10:35 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:56:24 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:56:04 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.650	63	168087	4.267	ppbV		100
26) MTBE	7.717	73	179770	4.337	ppbV		100
27) vinyl acetate	7.833	43	140586	4.017	ppbV		100
28) 2-butanone	8.083	43	153292	4.426	ppbV		100
29) cis-1,2-dichloroethene	8.583	61	131043	4.283	ppbV		100
30) Ethyl Acetate	8.850	61	30535	4.471	ppbV		100
31) chloroform	8.917	83	149169	4.224	ppbV		100
32) Tetrahydrofuran	9.350	42	82140	4.439	ppbV		100
33) 1,2-dichloroethane	9.742	62	99603	4.282	ppbV		100
35) hexane	8.842	57	162547	4.697	ppbV		100
37) 1,1,1-trichloroethane	10.033	97	144622	4.270	ppbV		100
38) benzene	10.557	78	279940	4.235	ppbV		100
39) carbon tetrachloride	10.730	117	127125	4.381	ppbV		100
40) cyclohexane	10.870	56	158510	4.503	ppbV		100
41) Dibromomethane	11.463	93	100894	4.249	ppbV	#	100
42) 1,2-dichloropropane	11.497	63	116844	4.234	ppbV		100
43) bromodichloromethane	11.723	83	145462	4.478	ppbV		100
44) 1,4-dioxane	11.763	88	56458	4.390	ppbV		100
45) trichloroethene	11.777	130	149606	4.375	ppbV		100
46) 2,2,4-trimethylpentane	11.823	57	489139	4.490	ppbV		100
47) heptane	12.143	43	160441	4.463	ppbV		100
48) cis-1,3-dichloropropene	12.783	75	121972	4.452	ppbV		100
49) 4-methyl-2-pentanone	12.825	43	183528	4.446	ppbV		100
50) trans-1,3-dichloropropene	13.417	75	83540	4.710	ppbV		100
51) 1,1,2-trichloroethane	13.608	97	123309	4.384	ppbV		100
53) toluene	13.942	91	374519	4.442	ppbV		100
55) 2-hexanone	14.250	43	98107M1	3.350	ppbV		
56) dibromochloromethane	14.408	129	172452	4.538	ppbV		100
57) 1,2-dibromoethane	14.667	107	163670	4.485	ppbV		100
58) tetrachloroethene	15.142	166	140625	4.308	ppbV		100
59) 1,1,1,2-tetrachloroethane	15.775	131	137226	4.337	ppbV		100
60) chlorobenzene	15.792	112	284083	4.338	ppbV		100
61) ethylbenzene	16.150	91	481962	4.515	ppbV		100
62) m+p-xylene	16.317	91	766888	9.133	ppbV		100
63) bromoform	16.375	173	124680	4.771	ppbV		100
64) styrene	16.642	104	279981	4.874	ppbV		100
65) 1,1,2,2-tetrachloroethane	16.733	83	236040	4.261	ppbV		100
66) o-xylene	16.733	91	386548	4.578	ppbV		100
67) 1,2,3-Trichloropropane	16.850	75	164966	4.371	ppbV		100
69) isopropylbenzene	17.258	105	452794	4.416	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754543_Ev2.D
Acq On : 5 Mar 2026 10:35 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:56:24 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:56:04 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

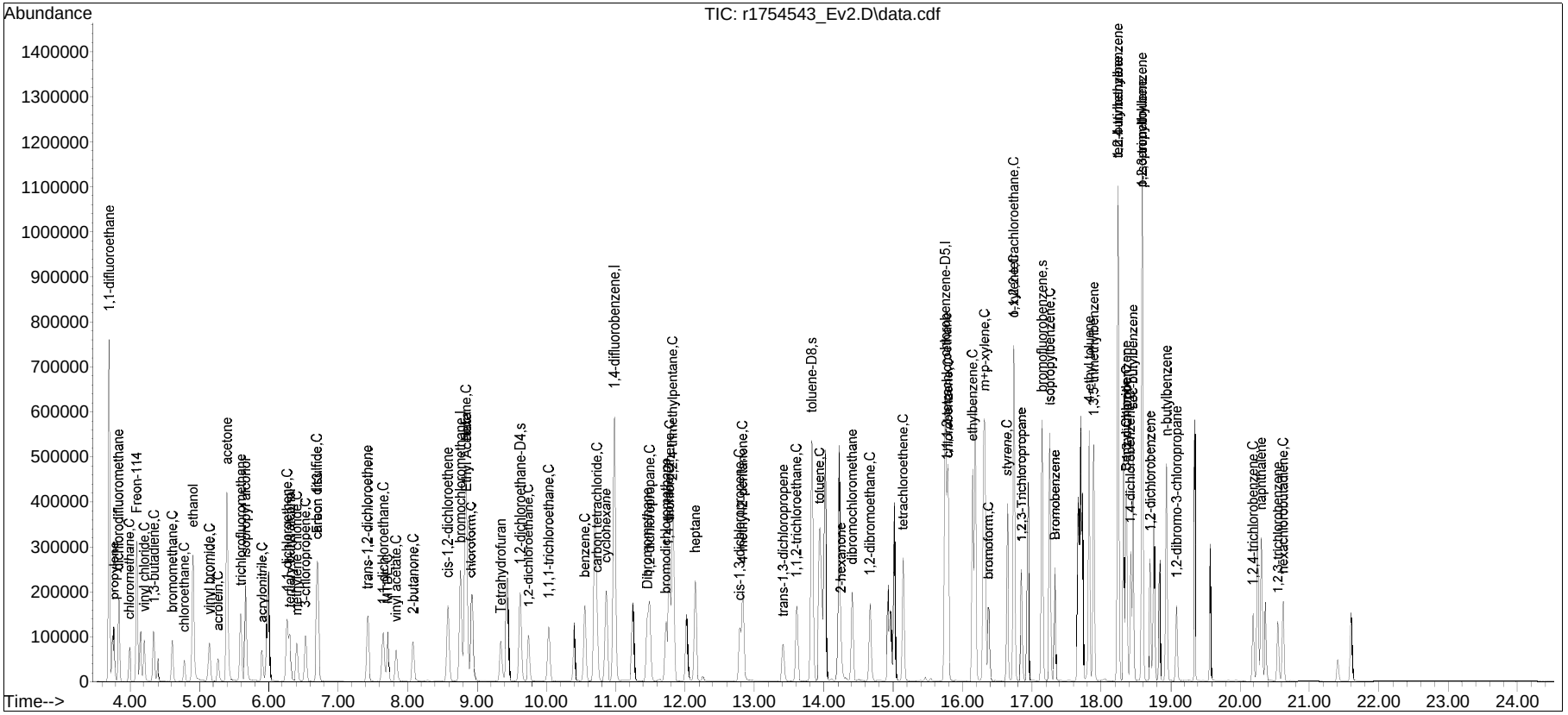
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.333	77	226685	4.581	ppbV	100
71) 4-ethyl toluene	17.825	105	441370	4.678	ppbV	100
72) 1,3,5-trimethylbenzene	17.892	105	385776	4.550	ppbV	100
73) tert-butylbenzene	18.233	119	419212	4.496	ppbV	100
74) 1,2,4-trimethylbenzene	18.233	105	392527	4.645	ppbV	100
75) Benzyl Chloride	18.358	91	242904	4.680	ppbV	100
76) 1,3-dichlorobenzene	18.367	146	251862	4.847	ppbV	100
77) 1,4-dichlorobenzene	18.425	146	249904	4.843	ppbV	100
78) sec-butylbenzene	18.458	105	567816	4.509	ppbV	100
79) 1,2,3-trimethylbenzene	18.592	105	404539	16.384	ppbV	99
80) p-isopropyltoluene	18.592	119	516034	4.547	ppbV	100
81) 1,2-dichlorobenzene	18.708	146	236519	4.291	ppbV	100
82) n-butylbenzene	18.942	91	460239	4.686	ppbV	100
83) 1,2-dibromo-3-chloropr...	19.083	75	82845	4.588	ppbV	100
84) 1,2,4-trichlorobenzene	20.192	180	153813	5.036	ppbV	100
85) naphthalene	20.300	128	469078	4.832	ppbV	100
86) 1,2,3-trichlorobenzene	20.550	180	145186	4.802	ppbV	100
87) hexachlorobutadiene	20.625	225	146358	4.651	ppbV	100

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754543_Ev2.D
Acq On : 5 Mar 2026 10:35 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

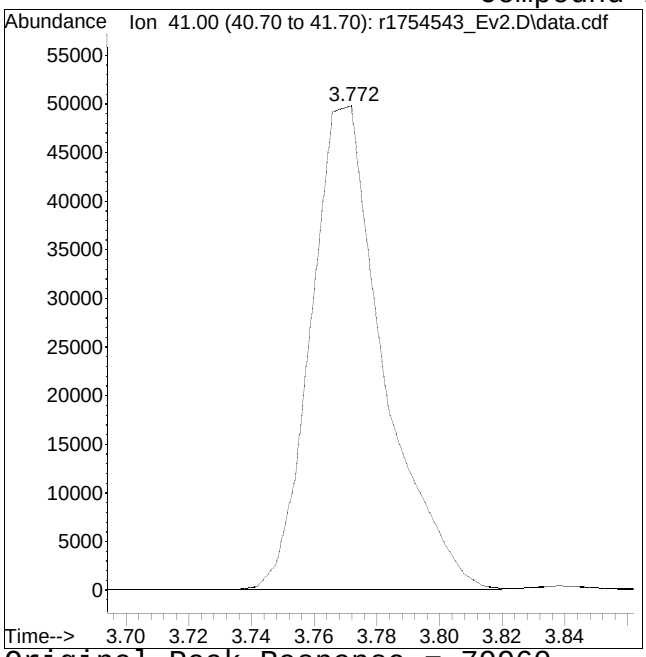
Quant Time: Mar 05 16:56:24 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:56:04 2026
Response via : Initial Calibration



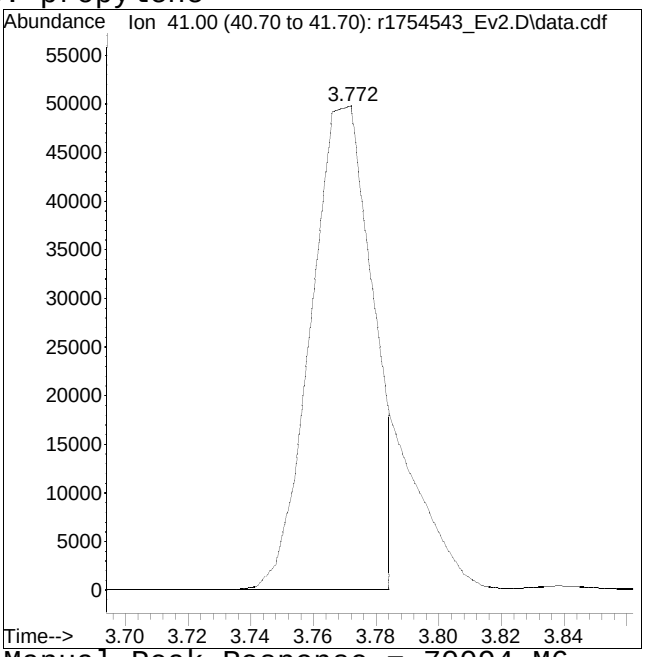
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754543_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 10:35 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 3/5/2026 4:56 pm

Compound #3: propylene



Original Peak Response = 79960



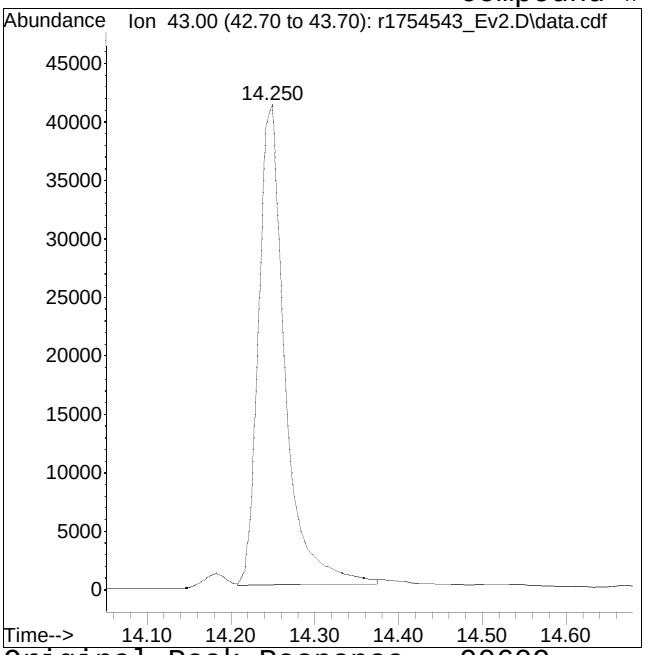
Manual Peak Response = 70094 M6

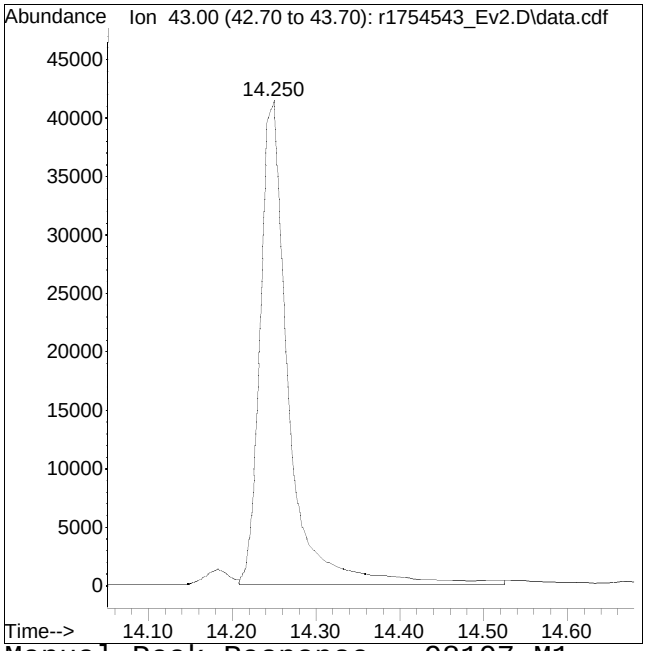
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754543_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 10:35 AM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 3/5/2026 4:56 pm

Compound #55: 2-hexanone





Original Peak Response = 90609 Manual Peak Response = 98107 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\Airlab17\2026\03\0305SIM_I\
Data File : r1754544_Ev2.D
Acq On : 5 Mar 2026 11:16 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD010
Misc : WG2181934,250 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:36 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	225816	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 96.22%			
34) 1,4-difluorobenzene	10.990	114	729681	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 96.66%			
52) chlorobenzene-D5	15.750	54	104771	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 97.12%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.633	65	182027	10.716	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.16%			
54) toluene-D8	13.833	98	701325	11.054	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.54%			
68) bromofluorobenzene	17.142	95	421184	9.906	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.06%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.706	51	1570717	99.569	ppbV	99
3) propylene	3.778	41	150808M6	11.181	ppbV	
4) dichlorodifluoromethane	3.850	85	310892	9.901	ppbV	99
5) chloromethane	4.000	50	152048	10.444	ppbV	100
6) Freon-114	4.108	85	390654	10.516	ppbV	98
7) vinyl chloride	4.216	62	212306	11.198	ppbV	99
8) 1,3-butadiene	4.354	54	129426	11.336	ppbV	91
9) bromomethane	4.618	94	152810	9.870	ppbV	99
10) chloroethane	4.798	64	97244	10.130	ppbV	95
11) ethanol	4.924	31	745056	47.006	ppbV	100
12) vinyl bromide	5.160	106	156581	10.843	ppbV	99
13) acrolein	5.280	56	85403	10.891	ppbV	99
14) acetone	5.407	43	1060669	53.435	ppbV	100
15) trichlorofluoromethane	5.603	101	325623	10.467	ppbV	100
16) isopropyl alcohol	5.683	45	643538	27.548	ppbV	100
17) acrylonitrile	5.913	53	141455	10.848	ppbV	99
18) 1,1-dichloroethene	6.276	61	278293	10.577	ppbV	99
19) tertiary butyl alcohol	6.318	59	346015	10.956	ppbV	99
20) methylene chloride	6.414	49	178352	10.440	ppbV	99
21) 3-chloropropene	6.540	41	223696	10.820	ppbV	99
22) carbon disulfide	6.708	76	460643	10.636	ppbV	98
23) Freon 113	6.708	101	357499	10.656	ppbV	100
24) trans-1,2-dichloroethene	7.433	61	264167	10.659	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754544_Ev2.D
Acq On : 5 Mar 2026 11:16 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD010
Misc : WG2181934,250 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:36 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.658	63	346691	10.718	ppbV		100
26) MTBE	7.717	73	373681	10.802	ppbV		98
27) vinyl acetate	7.842	43	331164	12.241	ppbV		99
28) 2-butanone	8.083	43	323114	10.954	ppbV		98
29) cis-1,2-dichloroethene	8.592	61	268418	10.644	ppbV		100
30) Ethyl Acetate	8.858	61	65652	11.173	ppbV		80
31) chloroform	8.933	83	299599	10.437	ppbV		98
32) Tetrahydrofuran	9.350	42	172089	10.887	ppbV		99
33) 1,2-dichloroethane	9.750	62	202265	10.553	ppbV		99
35) hexane	8.842	57	329125	10.474	ppbV		98
37) 1,1,1-trichloroethane	10.042	97	294752	10.543	ppbV		99
38) benzene	10.563	78	573620	10.600	ppbV		99
39) carbon tetrachloride	10.730	117	261684	10.648	ppbV		99
40) cyclohexane	10.870	56	323434	10.555	ppbV		98
41) Dibromomethane	11.470	93	204908	10.506	ppbV	#	99
42) 1,2-dichloropropane	11.497	63	243119	10.763	ppbV		100
43) bromodichloromethane	11.723	83	298280	10.608	ppbV		100
44) 1,4-dioxane	11.763	88	126512	11.592	ppbV		99
45) trichloroethene	11.777	130	308366	10.662	ppbV		99
46) 2,2,4-trimethylpentane	11.830	57	988798	10.457	ppbV		100
47) heptane	12.143	43	332244	10.712	ppbV		98
48) cis-1,3-dichloropropene	12.792	75	256532	10.880	ppbV		99
49) 4-methyl-2-pentanone	12.825	43	384658	10.842	ppbV		99
50) trans-1,3-dichloropropene	13.417	75	178010	11.023	ppbV		99
51) 1,1,2-trichloroethane	13.617	97	255371	10.713	ppbV		97
53) toluene	13.950	91	764066	10.503	ppbV		100
55) 2-hexanone	14.242	43	349376	18.333	ppbV		100
56) dibromochloromethane	14.408	129	360448	10.760	ppbV		99
57) 1,2-dibromoethane	14.667	107	339614	10.682	ppbV		100
58) tetrachloroethene	15.142	166	285517	10.452	ppbV		99
59) 1,1,1,2-tetrachloroethane	15.775	131	283371	10.631	ppbV		100
60) chlorobenzene	15.792	112	584087	10.585	ppbV		100
61) ethylbenzene	16.150	91	984317	10.514	ppbV		100
62) m+p-xylene	16.317	91	1554349	20.869	ppbV		98
63) bromoform	16.375	173	263838	10.894	ppbV		100
64) styrene	16.642	104	579317	10.652	ppbV		100
65) 1,1,2,2-tetrachloroethane	16.733	83	487254	10.627	ppbV		100
66) o-xylene	16.733	91	784960	10.454	ppbV		99
67) 1,2,3-Trichloropropane	16.850	75	338159	10.553	ppbV		100
69) isopropylbenzene	17.258	105	928345	10.555	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754544_Ev2.D
Acq On : 5 Mar 2026 11:16 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD010
Misc : WG2181934,250 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:36 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

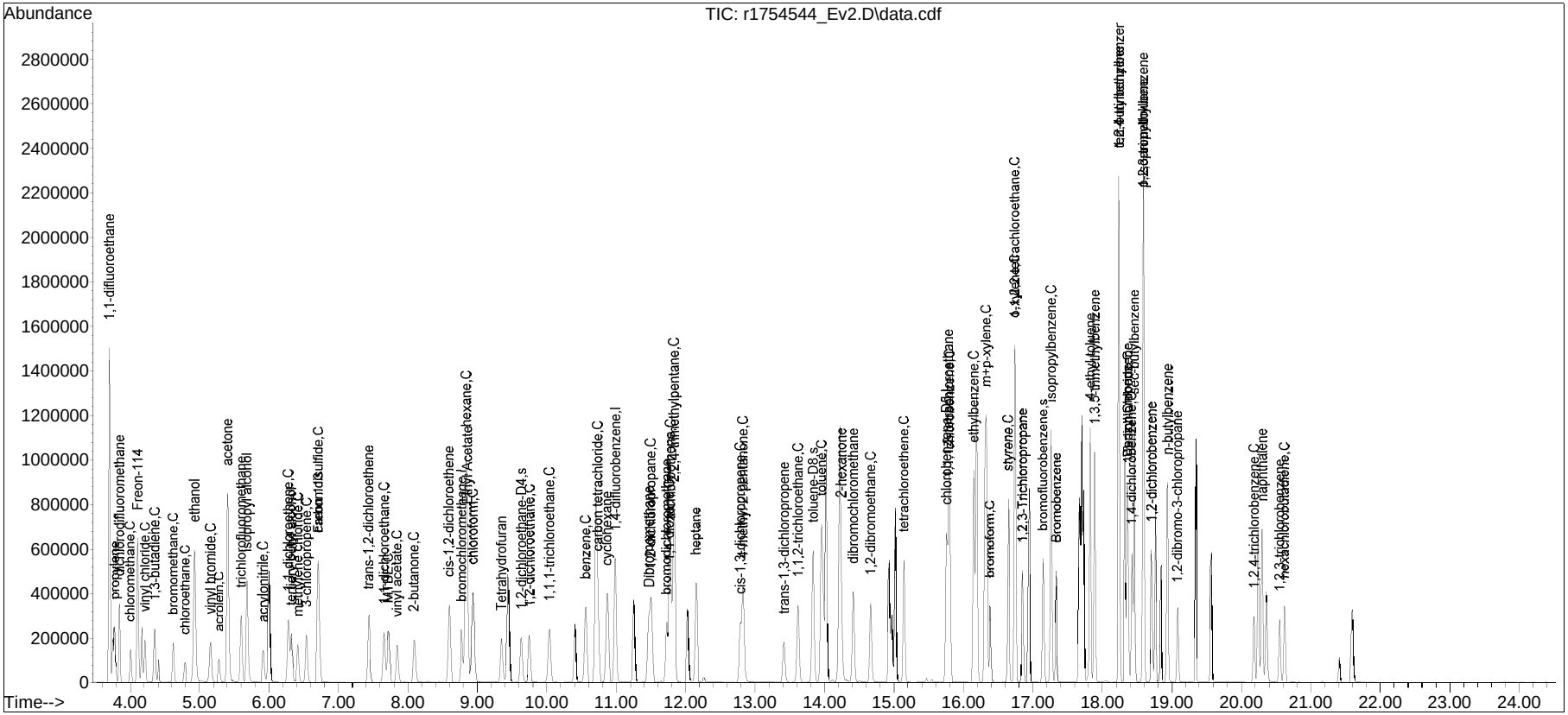
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.333	77	455584	10.347	ppbV	99
71) 4-ethyl toluene	17.825	105	910521	10.620	ppbV	99
72) 1,3,5-trimethylbenzene	17.892	105	784381	10.467	ppbV	100
73) tert-butylbenzene	18.233	119	847817	10.412	ppbV	99
74) 1,2,4-trimethylbenzene	18.233	105	803618	10.540	ppbV	98
75) Benzyl Chloride	18.358	91	543627	11.522	ppbV	99
76) 1,3-dichlorobenzene	18.367	146	516476	10.557	ppbV	99
77) 1,4-dichlorobenzene	18.425	146	504719	10.397	ppbV	99
78) sec-butylbenzene	18.458	105	1150771	10.434	ppbV	98
79) 1,2,3-trimethylbenzene	18.592	105	824792	10.496	ppbV	99
80) p-isopropyltoluene	18.592	119	1029659	10.272	ppbV	98
81) 1,2-dichlorobenzene	18.708	146	508880	11.076	ppbV	97
82) n-butylbenzene	18.942	91	917107	10.259	ppbV	96
83) 1,2-dibromo-3-chloropr...	19.075	75	171449	10.654	ppbV	99
84) 1,2,4-trichlorobenzene	20.192	180	312709	10.466	ppbV	99
85) naphthalene	20.300	128	996159	10.933	ppbV	100
86) 1,2,3-trichlorobenzene	20.550	180	293627	10.412	ppbV	98
87) hexachlorobutadiene	20.617	225	278671	9.802	ppbV	98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754544_Ev2.D
Acq On : 5 Mar 2026 11:16 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD010
Misc : WG2181934,250 mL SS26-008B
ALS Vial : 0 Sample Multiplier: 1

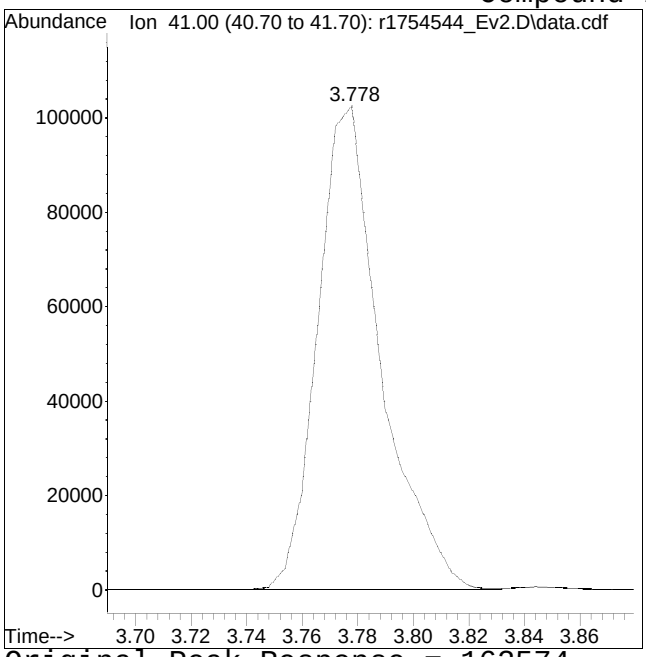
Quant Time: Mar 05 16:59:36 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration



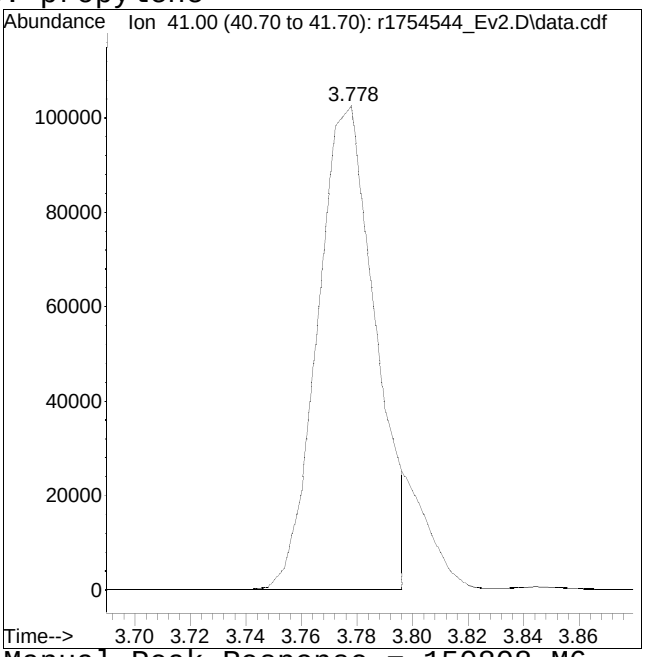
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754544_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 11:16 AM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 162574



Manual Peak Response = 150808 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754545_Ev2.D
Acq On : 5 Mar 2026 11:53 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD020
Misc : WG2181934,50 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:44 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	219584	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 93.56%			
34) 1,4-difluorobenzene	10.983	114	736199	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 97.52%			
52) chlorobenzene-D5	15.750	54	101333	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 93.94%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.625	65	184955	10.792	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.92%			
54) toluene-D8	13.825	98	746957	12.173	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 121.73%			
68) bromofluorobenzene	17.142	95	515509	12.536	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 125.36%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	3393799	221.242	ppbV	99
3) propylene	3.772	41	335616M6	25.588	ppbV	
4) dichlorodifluoromethane	3.844	85	671701	21.999	ppbV	99
5) chloromethane	3.994	50	310002	21.897	ppbV	99
6) Freon-114	4.096	85	865943	23.971	ppbV	99
7) vinyl chloride	4.210	62	471762	25.589	ppbV	98
8) 1,3-butadiene	4.348	54	300829	27.097	ppbV	85
9) bromomethane	4.612	94	357524	23.748	ppbV	100
10) chloroethane	4.792	64	233169	24.980	ppbV	95
11) ethanol	4.906	31	1681192	109.077	ppbV	97
12) vinyl bromide	5.153	106	348285	24.802	ppbV	100
13) acrolein	5.267	56	192206	25.206	ppbV	99
14) acetone	5.393	43	2226334	115.342	ppbV	100
15) trichlorofluoromethane	5.597	101	685592	22.663	ppbV	100
16) isopropyl alcohol	5.660	45	1348831	59.377	ppbV	100
17) acrylonitrile	5.900	53	308245	24.311	ppbV	99
18) 1,1-dichloroethene	6.270	61	593260	23.187	ppbV	99
19) tertiary butyl alcohol	6.294	59	751784	24.480	ppbV	100
20) methylene chloride	6.408	49	383370	23.077	ppbV	97
21) 3-chloropropene	6.534	41	510758	25.406	ppbV	98
22) carbon disulfide	6.702	76	1024691	24.330	ppbV	97
23) Freon 113	6.702	101	782406	23.984	ppbV	99
24) trans-1,2-dichloroethene	7.433	61	581152	24.115	ppbV	92

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754545_Ev2.D
Acq On : 5 Mar 2026 11:53 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD020
Misc : WG2181934,50 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:44 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.650	63	767693	24.408	ppbV		99
26) MTBE	7.708	73	832800	24.757	ppbV		99
27) vinyl acetate	7.825	43	827064	31.440	ppbV		97
28) 2-butanone	8.075	43	732764	25.546	ppbV		99
29) cis-1,2-dichloroethene	8.583	61	586865	23.933	ppbV		100
30) Ethyl Acetate	8.842	61	150978	26.424	ppbV		89
31) chloroform	8.925	83	644742	23.099	ppbV		98
32) Tetrahydrofuran	9.333	42	393095	25.575	ppbV		98
33) 1,2-dichloroethane	9.742	62	433827	23.277	ppbV		99
35) hexane	8.833	57	673113	21.232	ppbV		77
37) 1,1,1-trichloroethane	10.033	97	637002	22.583	ppbV		99
38) benzene	10.557	78	1264121	23.153	ppbV		99
39) carbon tetrachloride	10.730	117	574451	23.169	ppbV		100
40) cyclohexane	10.870	56	706828	22.863	ppbV		98
41) Dibromomethane	11.463	93	457575	23.253	ppbV	#	99
42) 1,2-dichloropropane	11.497	63	548655	24.075	ppbV		99
43) bromodichloromethane	11.723	83	652161	22.987	ppbV		98
44) 1,4-dioxane	11.750	88	270299	24.547	ppbV		98
45) trichloroethene	11.777	130	654735	22.438	ppbV		99
46) 2,2,4-trimethylpentane	11.823	57	2154698	22.586	ppbV		98
47) heptane	12.143	43	745268	23.816	ppbV		97
48) cis-1,3-dichloropropene	12.783	75	595426	25.029	ppbV		99
49) 4-methyl-2-pentanone	12.817	43	886388	24.763	ppbV		99
50) trans-1,3-dichloropropene	13.408	75	413940	25.405	ppbV		98
51) 1,1,2-trichloroethane	13.608	97	571929	23.781	ppbV		96
53) toluene	13.942	91	1658271	23.568	ppbV		99
55) 2-hexanone	14.233	43	550118M1	29.847	ppbV		
56) dibromochloromethane	14.408	129	803601	24.803	ppbV		99
57) 1,2-dibromoethane	14.667	107	768350	24.988	ppbV		100
58) tetrachloroethene	15.142	166	628271	23.781	ppbV		99
59) 1,1,1,2-tetrachloroethane	15.775	131	645128	25.024	ppbV		99
60) chlorobenzene	15.792	112	1314100	24.622	ppbV		97
61) ethylbenzene	16.142	91	2159465	23.849	ppbV		100
62) m+p-xylene	16.308	91	3407352	47.299	ppbV		96
63) bromoform	16.375	173	605092	25.832	ppbV		99
64) styrene	16.642	104	1320090	25.097	ppbV		98
65) 1,1,2,2-tetrachloroethane	16.733	83	1119189	25.238	ppbV		99
66) o-xylene	16.733	91	1695747	23.351	ppbV		95
67) 1,2,3-Trichloropropane	16.850	75	781372	25.212	ppbV		99
69) isopropylbenzene	17.258	105	2105691	24.753	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754545_Ev2.D
Acq On : 5 Mar 2026 11:53 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD020
Misc : WG2181934,50 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:44 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

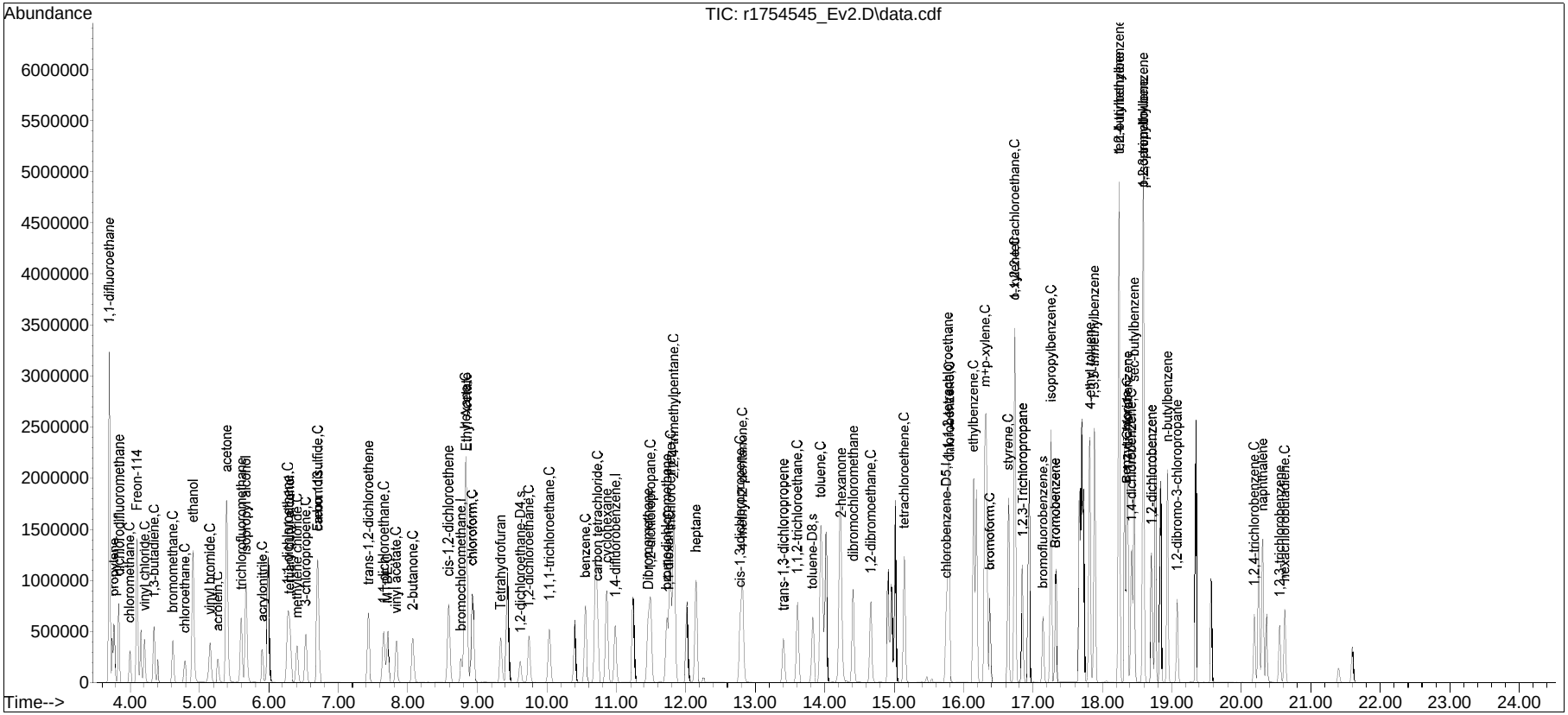
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.325	77	1032852	24.252	ppbV	98
71) 4-ethyl toluene	17.825	105	2038698	24.586	ppbV	99
72) 1,3,5-trimethylbenzene	17.883	105	1737934	23.979	ppbV	97
73) tert-butylbenzene	18.233	119	1893934	24.048	ppbV	98
74) 1,2,4-trimethylbenzene	18.233	105	1796654	24.363	ppbV	95
75) Benzyl Chloride	18.350	91	1357874	29.755	ppbV	99
76) 1,3-dichlorobenzene	18.367	146	1171557	24.759	ppbV	96
77) 1,4-dichlorobenzene	18.425	146	1124084	23.942	ppbV	97
78) sec-butylbenzene	18.458	105	2597218	24.347	ppbV	96
79) 1,2,3-trimethylbenzene	18.592	105	1847173	24.305	ppbV	98
80) p-isopropyltoluene	18.592	119	2284167	23.561	ppbV	97
81) 1,2-dichlorobenzene	18.708	146	1071363	24.111	ppbV	96
82) n-butylbenzene	18.933	91	2028211	23.457	ppbV	98
83) 1,2-dibromo-3-chloropr...	19.075	75	402613	25.868	ppbV	98
84) 1,2,4-trichlorobenzene	20.183	180	683799	23.663	ppbV	98
85) naphthalene	20.300	128	2126562	24.131	ppbV	100
86) 1,2,3-trichlorobenzene	20.550	180	609885	22.360	ppbV	98
87) hexachlorobutadiene	20.617	225	557355	20.270	ppbV	98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754545_Ev2.D
Acq On : 5 Mar 2026 11:53 AM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD020
Misc : WG2181934,50 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:44 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

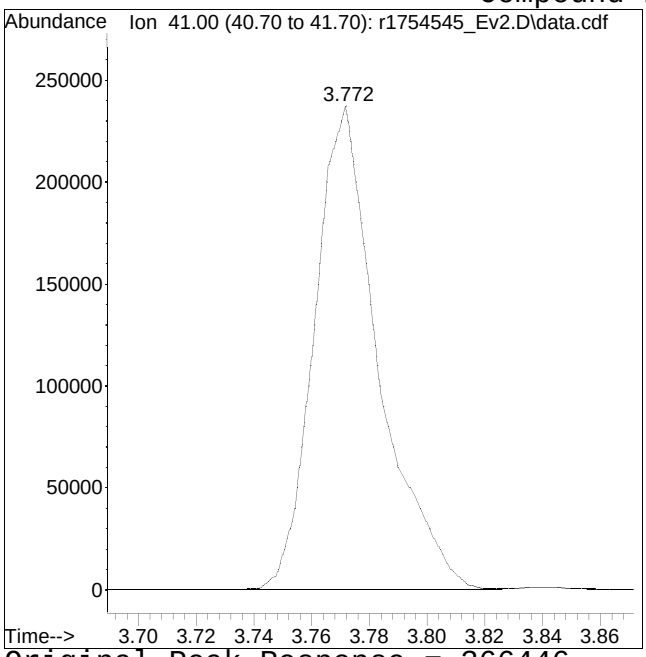


Manual Integration Report

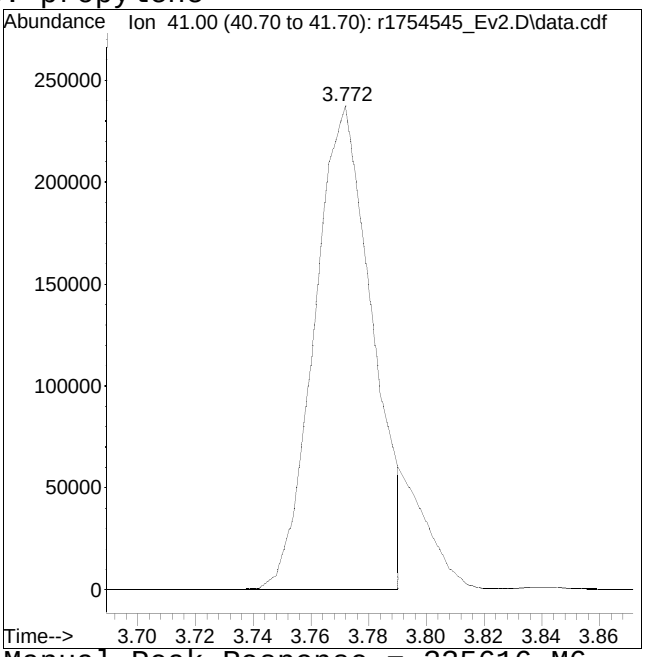
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1754545_Ev2.D
Date Inj'd : 3/5/2026 11:53 AM
Sample : ITO15-SIMSTD020

Method : TSIM17_260305.M
Operator : AIRLAB17:JJT
Instrument :
Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 366446



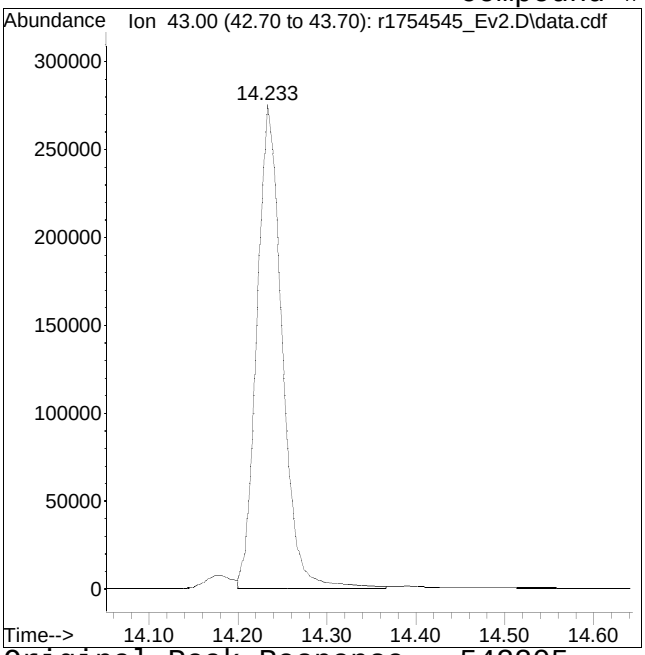
Manual Peak Response = 335616 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

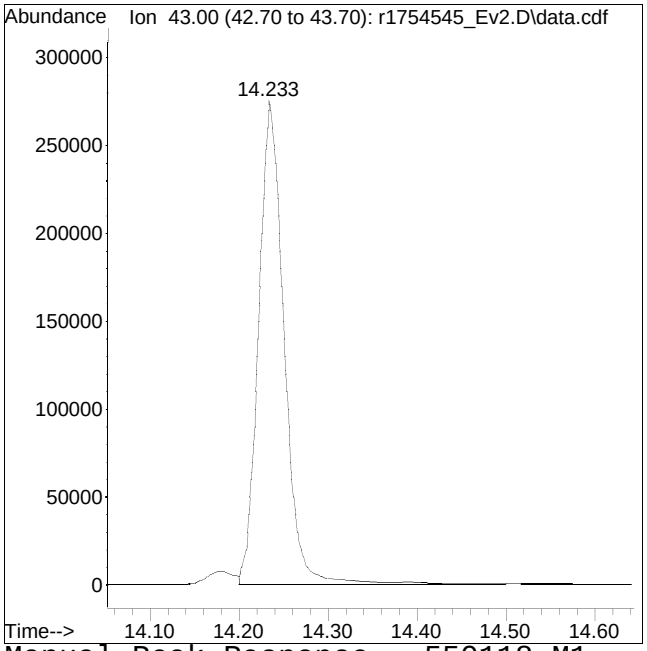
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754545_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 11:53 AM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 3/5/2026 4:59 pm

Compound #55: 2-hexanone



Original Peak Response = 542205



Manual Peak Response = 550118 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\Airlab17\2026\03\0305SIM_I\
Data File : r1754546_Ev2.D
Acq On : 5 Mar 2026 12:31 PM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD050
Misc : WG2181934,125 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:52 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.775	49	220247	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 93.84%			
34) 1,4-difluorobenzene	10.983	114	736487	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 97.56%			
52) chlorobenzene-D5	15.750	54	101863	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 94.43%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.625	65	176199	10.277	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.77%			
54) toluene-D8	13.833	98	717371	11.630	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.30%			
68) bromofluorobenzene	17.142	95	489650	11.845	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 118.45%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.700	51	7360642	478.396	ppbV	97
3) propylene	3.772	41	828582M6	62.983	ppbV	
4) dichlorodifluoromethane	3.844	85	1602066	52.312	ppbV	99
5) chloromethane	4.000	50	786444	55.384	ppbV	100
6) Freon-114	4.102	85	1985914	54.808	ppbV	99
7) vinyl chloride	4.216	62	1067332	57.719	ppbV	99
8) 1,3-butadiene	4.348	54	656921	58.994	ppbV	100
9) bromomethane	4.618	94	859341	56.908	ppbV	99
10) chloroethane	4.792	64	577980	61.734	ppbV	96
11) ethanol	4.924	31	3736472	241.695	ppbV	92
12) vinyl bromide	5.157	106	859465	61.021	ppbV	99
13) acrolein	5.273	56	476186	62.258	ppbV	98
14) acetone	5.400	43	5419717	279.941	ppbV	98
15) trichlorofluoromethane	5.600	101	1647732	54.304	ppbV	100
16) isopropyl alcohol	5.680	45	3403273	149.366	ppbV	100
17) acrylonitrile	5.910	53	772595	60.749	ppbV	99
18) 1,1-dichloroethene	6.270	61	1429182	55.690	ppbV	99
19) tertiary butyl alcohol	6.312	59	1936378	62.863	ppbV	99
20) methylene chloride	6.414	49	930462	55.840	ppbV	97
21) 3-chloropropene	6.540	41	1282175	63.586	ppbV	97
22) carbon disulfide	6.702	76	2516991	59.583	ppbV	97
23) Freon 113	6.708	101	1895439	57.928	ppbV	97
24) trans-1,2-dichloroethene	7.433	61	1410292	58.344	ppbV	96

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754546_Ev2.D
Acq On : 5 Mar 2026 12:31 PM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD050
Misc : WG2181934,125 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:52 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.658	63	1880051	59.594	ppbV		99
26) MTBE	7.708	73	2075014	61.500	ppbV		99
27) vinyl acetate	7.833	43	2233109	84.633	ppbV		98
28) 2-butanone	8.075	43	1852078	64.374	ppbV		99
29) cis-1,2-dichloroethene	8.592	61	1425143	57.945	ppbV		97
30) Ethyl Acetate	8.850	61	375621	65.542	ppbV		97
31) chloroform	8.933	83	1538820	54.964	ppbV		99
32) Tetrahydrofuran	9.342	42	999179	64.812	ppbV		99
33) 1,2-dichloroethane	9.750	62	1047140	56.015	ppbV		99
35) hexane	8.842	57	1573050	49.599	ppbV	#	74
37) 1,1,1-trichloroethane	10.042	97	1535353	54.410	ppbV		97
38) benzene	10.563	78	3094819	56.660	ppbV		98
39) carbon tetrachloride	10.730	117	1403082	56.566	ppbV		98
40) cyclohexane	10.870	56	1693254	54.748	ppbV		97
41) Dibromomethane	11.470	93	1113626	56.569	ppbV	#	98
42) 1,2-dichloropropane	11.497	63	1354954	59.433	ppbV		99
43) bromodichloromethane	11.723	83	1602222	56.452	ppbV		100
44) 1,4-dioxane	11.757	88	718998	65.269	ppbV		99
45) trichloroethene	11.777	130	1584678	54.287	ppbV		99
46) 2,2,4-trimethylpentane	11.830	57	5114499	53.589	ppbV		97
47) heptane	12.143	43	1844466	58.920	ppbV		95
48) cis-1,3-dichloropropene	12.792	75	1504386	63.213	ppbV		98
49) 4-methyl-2-pentanone	12.817	43	2262782	63.190	ppbV		97
50) trans-1,3-dichloropropene	13.417	75	1057519	64.878	ppbV		99
51) 1,1,2-trichloroethane	13.617	97	1413057	58.732	ppbV		96
53) toluene	13.950	91	3986060	56.357	ppbV		99
55) 2-hexanone	14.233	43	2022735	109.173	ppbV		96
56) dibromochloromethane	14.408	129	1968425	60.440	ppbV		98
57) 1,2-dibromoethane	14.667	107	1923430	62.227	ppbV		99
58) tetrachloroethene	15.142	166	1556412	58.605	ppbV		96
59) 1,1,1,2-tetrachloroethane	15.775	131	1564371	60.364	ppbV		99
60) chlorobenzene	15.792	112	3270109	60.952	ppbV		99
61) ethylbenzene	16.150	91	5154560	56.631	ppbV		94
62) m+p-xylene	16.317	91	8013650	110.663	ppbV		93
63) bromoform	16.383	173	1526059	64.811	ppbV		98
64) styrene	16.642	104	3302207	62.453	ppbV		98
65) 1,1,2,2-tetrachloroethane	16.733	83	2775999	62.274	ppbV		99
66) o-xylene	16.742	91	3964474	54.307	ppbV		87
67) 1,2,3-Trichloropropane	16.850	75	1981673	63.608	ppbV		99
69) isopropylbenzene	17.258	105	5173900	60.505	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754546_Ev2.D
Acq On : 5 Mar 2026 12:31 PM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD050
Misc : WG2181934,125 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:52 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

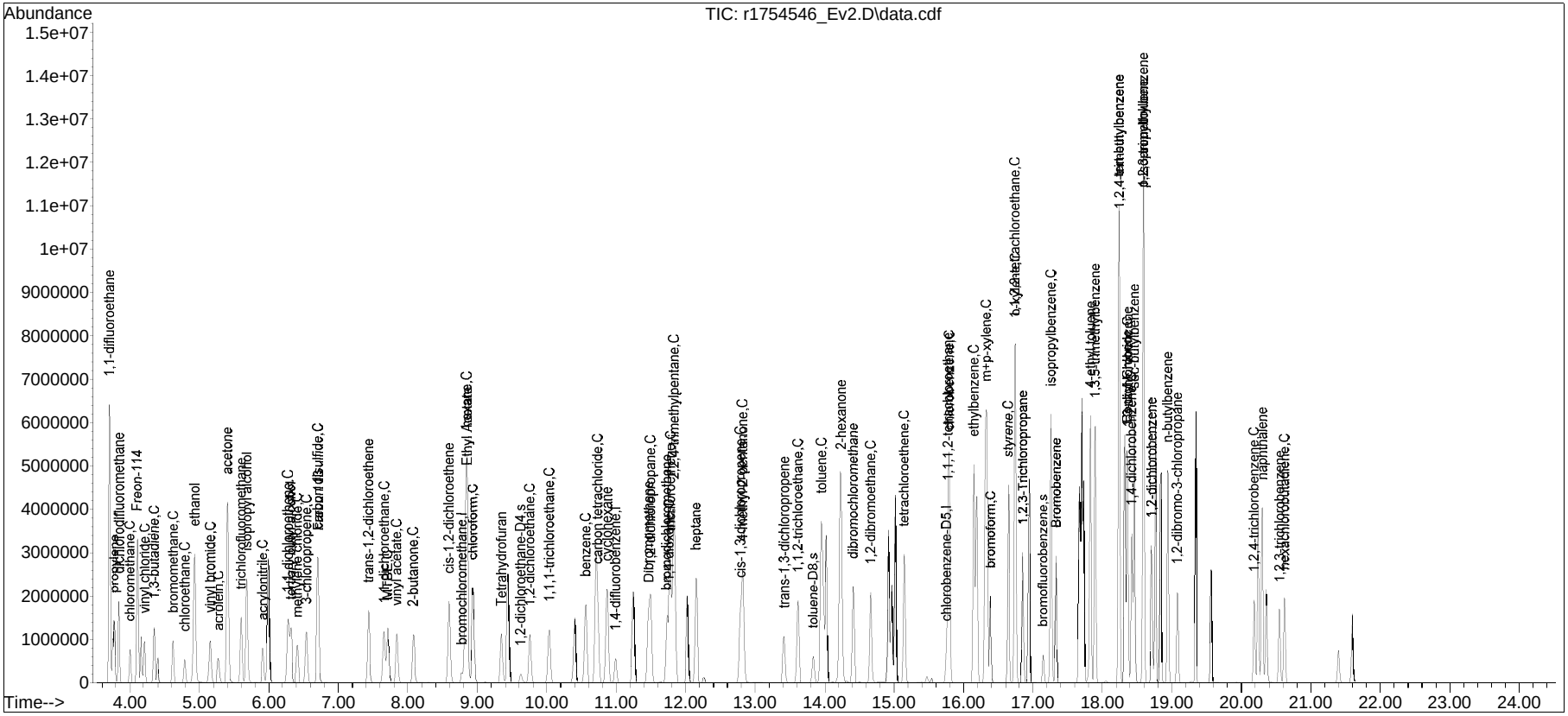
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.333	77	2585852	60.403	ppbV		96
71) 4-ethyl toluene	17.825	105	5055977	60.656	ppbV		98
72) 1,3,5-trimethylbenzene	17.892	105	4307661	59.126	ppbV		100
73) tert-butylbenzene	18.233	119	4618928	58.342	ppbV		98
74) 1,2,4-trimethylbenzene	18.242	105	4382947	59.125	ppbV	#	87
75) Benzyl Chloride	18.358	91	3606173	78.612	ppbV		95
76) 1,3-dichlorobenzene	18.367	146	2983837	62.732	ppbV		98
77) 1,4-dichlorobenzene	18.425	146	2919287	61.855	ppbV		98
78) sec-butylbenzene	18.458	105	6382950	59.523	ppbV		96
79) 1,2,3-trimethylbenzene	18.592	105	4485598	58.713	ppbV		98
80) p-isopropyltoluene	18.592	119	5519994	56.641	ppbV		96
81) 1,2-dichlorobenzene	18.708	146	2766814	61.942	ppbV		99
82) n-butylbenzene	18.933	91	4935110	56.779	ppbV		99
83) 1,2-dibromo-3-chloropr...	19.075	75	1064552	68.042	ppbV		96
84) 1,2,4-trichlorobenzene	20.183	180	1982513	68.249	ppbV		97
85) naphthalene	20.300	128	5977515	67.476	ppbV		99
86) 1,2,3-trichlorobenzene	20.550	180	1839851	67.102	ppbV		97
87) hexachlorobutadiene	20.617	225	1542992	55.824	ppbV		98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754546_Ev2.D
Acq On : 5 Mar 2026 12:31 PM
Operator : AIRLAB17:JJT
Sample : ITO15-SIMSTD050
Misc : WG2181934,125 mL SS26-008A
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 16:59:52 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 16:58:23 2026
Response via : Initial Calibration

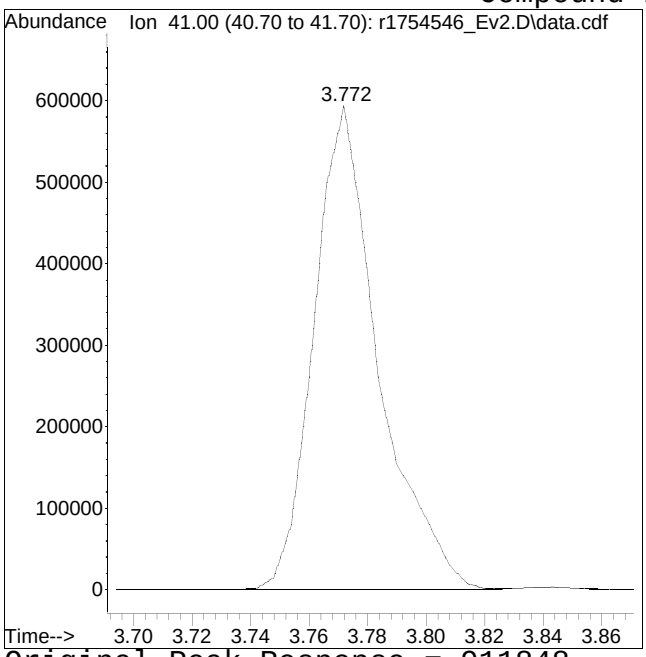


Manual Integration Report

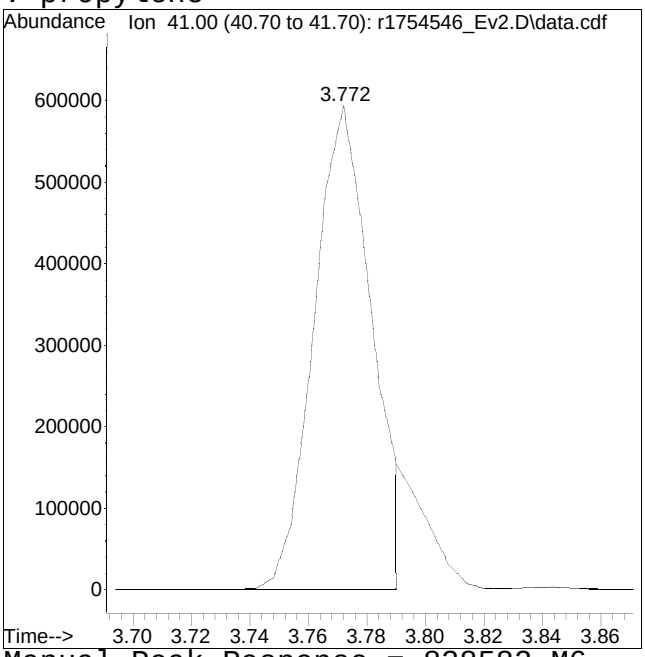
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1754546_Ev2.D
Date Inj'd : 3/5/2026 12:31 PM
Sample : ITO15-SIMSTD050

Method : TSIM17_260305.M
Operator : AIRLAB17:JJT
Instrument :
Quant Date : 3/5/2026 4:59 pm

Compound #3: propylene



Original Peak Response = 911848



Manual Peak Response = 828582 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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	90	0.00
2		1,1-difluoroethane	0.818	0.000	100.0#	0#	-3.70#
3		propylene	0.715	0.791	-10.6	119	0.00
4		dichlorodifluoromethane	1.521	1.473	3.2	95	0.00
5	C	chloromethane	0.719	0.664	7.6	92	0.00
6		Freon-114	1.852	1.812	2.2	99	0.00
7	C	vinyl chloride	0.944	0.859	9.0	92	0.00
8	C	1,3-butadiene	0.592	0.571	3.5	101	0.00
9	C	bromomethane	0.740	0.720	2.7	94	0.00
10	C	chloroethane	0.462	0.405	12.3	86	0.00
11		ethanol	0.720	0.707	1.8	90	0.00
12	C	vinyl bromide	0.742	0.844	-13.7	118	0.00
13	C	acrolein	0.411	0.331	19.5	85	0.00
14		acetone	1.023	1.072	-4.8	109	0.00
15		trichlorofluoromethane	1.558	1.540	1.2	100	0.00
16		isopropyl alcohol	1.126	1.151	-2.2	100	0.00
17	C	acrylonitrile	0.637	0.587	7.8	91	0.00
18	C	1,1-dichloroethene	1.338	1.366	-2.1	105	0.00
19		tertiary butyl alcohol	1.560	1.451	7.0	93	0.00
20	C	methylene chloride	0.844	0.867	-2.7	103	0.00
21	C	3-chloropropene	1.047	1.246	-19.0	122	0.00
22	C	carbon disulfide	2.140	2.429	-13.5	114	0.00
23		Freon 113	1.709	1.857	-8.7	112	0.00
24		trans-1,2-dichloroethene	1.262	1.344	-6.5	110	0.00
25	C	1,1-dichloroethane	1.678	1.731	-3.2	108	0.00
26	C	MTBE	1.766	2.010	-13.8	118	0.00
27	C	vinyl acetate	1.491	1.109	25.6	83	0.00
28	C	2-butanone	1.476	1.658	-12.3	114	0.00
29		cis-1,2-dichloroethene	1.304	1.298	0.5	104	0.00
30		Ethyl Acetate	0.291	0.335	-15.1	116	0.00
31	C	chloroform	1.505	1.418	5.8	100	0.00
32		Tetrahydrofuran	0.788	1.030	-30.7#	132	0.00
33	C	1,2-dichloroethane	0.991	0.939	5.2	99	0.00
34	I	1,4-difluorobenzene	1.000	1.000	0.0	98	0.00
35	C	hexane	0.458	0.431	5.9	98	0.00
36	s	1,2-dichloroethane-D4	0.245	0.236	3.7	99	0.00
37	C	1,1,1-trichloroethane	0.449	0.398	11.4	101	0.00
38	C	benzene	0.876	0.827	5.6	109	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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	C	carbon tetrachloride	0.384	0.357	7.0	103	0.00
40		cyclohexane	0.466	0.456	2.1	106	0.00
41		Dibromomethane	0.315	0.272	13.7	99	0.00
42	C	1,2-dichloropropane	0.366	0.356	2.7	112	0.00
43		bromodichloromethane	0.430	0.423	1.6	107	0.00
44	C	1,4-dioxane	0.170	0.176	-3.5	115	0.00
45	C	trichloroethene	0.453	0.417	7.9	103	0.00
46	C	2,2,4-trimethylpentane	1.430	1.436	-0.4	108	0.00
47		heptane	0.476	0.526	-10.5	121	0.00
48	C	cis-1,3-dichloropropene	0.363	0.448	-23.4	135	0.00
49	C	4-methyl-2-pentanone	0.547	0.580	-6.0	116	0.00
50		trans-1,3-dichloropropene	0.235	0.318	-35.3#	140	0.00
51	C	1,1,2-trichloroethane	0.373	0.363	2.7	108	0.00
52	I	chlorobenzene-D5	1.000	1.000	0.0	85	0.00
53	C	toluene	7.815	8.483	-8.5	104	0.00
54	s	toluene-D8	6.668	7.710	-15.6	108	0.00
55		2-hexanone	2.829	4.014	-41.9#	187#	0.00
56		dibromochloromethane	3.523	4.146	-17.7	110	0.00
57	C	1,2-dibromoethane	3.383	4.196	-24.0	117	0.00
58	C	tetrachloroethene	3.026	3.209	-6.0	104	0.00
59		1,1,1,2-tetrachloroethane	2.933	2.950	-0.6	98	0.00
60	C	chlorobenzene	6.070	6.780	-11.7	109	0.00
61	C	ethylbenzene	9.895	10.769	-8.8	102	0.00
62	C	m+p-xylene	7.708	8.648	-12.2	103	0.00
63	C	bromoform	2.423	3.094	-27.7	113	0.00
64	C	styrene	5.325	7.037	-32.2#	115	0.00
65	C	1,1,2,2-tetrachloroethane	5.135	5.402	-5.2	105	0.00
66	C	o-xylene	7.827	8.608	-10.0	102	0.00
67		1,2,3-Trichloropropane	3.499	3.718	-6.3	103	0.00
68	s	bromofluorobenzene	4.298	4.889	-13.8	102	0.00
69	C	isopropylbenzene	9.504	10.780	-13.4	109	0.00
70		Bromobenzene	4.587	4.910	-7.0	99	0.00
71		4-ethyl toluene	8.747	11.191	-27.9	116	0.00
72		1,3,5-trimethylbenzene	7.860	9.810	-24.8	116	0.00
73		tert-butylbenzene	8.644	9.213	-6.6	100	0.00
74		1,2,4-trimethylbenzene	7.834	9.799	-25.1	114	0.00
75	C	Benzyl Chloride	4.812	4.891	-1.6	92	0.00
76		1,3-dichlorobenzene	4.817	5.792	-20.2	105	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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	C	1,4-dichlorobenzene	4.847	5.797	-19.6	106	0.00
78		sec-butylbenzene	11.673	12.913	-10.6	104	0.00
79		1,2,3-trimethylbenzene	8.328	8.303	0.3	94	0.00
80		p-isopropyltoluene	10.520	10.890	-3.5	96	0.00
81		1,2-dichlorobenzene	5.109	5.759	-12.7	111	0.00
82		n-butylbenzene	9.104	10.215	-12.2	101	0.00
83		1,2-dibromo-3-chloropropane	1.674	1.669	0.3	92	0.02
84	C	1,2,4-trichlorobenzene	2.832	3.343	-18.0	99	0.05
85		naphthalene	8.998	8.625	4.1	84	0.06
86		1,2,3-trichlorobenzene	2.802	2.670	4.7	84	0.06
87	C	hexachlorobutadiene	2.917	3.115	-6.8	97	0.05

* 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\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.758	49	210569	10.000	ppbV	0.00
Standard Area = 234698			Recovery = 89.72%			
34) 1,4-difluorobenzene	10.977	114	736060	10.000	ppbV	0.00
Standard Area = 754921			Recovery = 97.50%			
52) chlorobenzene-D5	15.742	54	91435	10.000	ppbV	0.00
Standard Area = 107875			Recovery = 84.76%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	9.617	65	173866	9.647	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.47%			
54) toluene-D8	13.825	98	704922	11.562	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.62%			
68) bromofluorobenzene	17.133	95	447007	11.374	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.74%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	0.000		0	N.D.	d	
3) propylene	3.766	41	83284M6	5.535	ppbV	
4) dichlorodifluoromethane	3.838	85	155073	4.841	ppbV	99
5) chloromethane	3.994	50	69916	4.618	ppbV	98
6) Freon-114	4.096	85	190811	4.893	ppbV	98
7) vinyl chloride	4.210	62	90483	4.552	ppbV	98
8) 1,3-butadiene	4.342	54	60169	4.831	ppbV	93
9) bromomethane	4.606	94	75818	4.869	ppbV	99
10) chloroethane	4.786	64	42681	4.387	ppbV	99
11) ethanol	4.912	31	372171	24.555	ppbV	91
12) vinyl bromide	5.147	106	88854	5.690	ppbV	98
13) acrolein	5.270	56	34800	4.021	ppbV	98
14) acetone	5.400	43	564352	26.195	ppbV	94
15) trichlorofluoromethane	5.590	101	162184	4.944	ppbV	99
16) isopropyl alcohol	5.670	45	302902	12.774	ppbV	99
17) acrylonitrile	5.900	53	61840	4.609	ppbV	100
18) 1,1-dichloroethene	6.264	61	143811	5.103	ppbV	99
19) tertiary butyl alcohol	6.306	59	152762	4.652	ppbV	97
20) methylene chloride	6.402	49	91259	5.137	ppbV	98
21) 3-chloropropene	6.528	41	131173	5.949	ppbV	97
22) carbon disulfide	6.696	76	255737	5.676	ppbV	98
23) Freon 113	6.696	101	195546	5.433	ppbV	98
24) trans-1,2-dichloroethene	7.425	61	141454	5.323	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	7.642	63	182212	5.156	ppbV		99
26) MTBE	7.708	73	211651	5.691	ppbV		97
27) vinyl acetate	7.833	43	116759	3.718	ppbV		98
28) 2-butanone	8.075	43	174526	5.616	ppbV		98
29) cis-1,2-dichloroethene	8.583	61	136676	4.979	ppbV		95
30) Ethyl Acetate	8.850	61	35272	5.756	ppbV		74
31) chloroform	8.917	83	149316	4.712	ppbV		99
32) Tetrahydrofuran	9.342	42	108418	6.530	ppbV		99
33) 1,2-dichloroethane	9.742	62	98877	4.737	ppbV		98
35) hexane	8.833	57	158756	4.705	ppbV		89
37) 1,1,1-trichloroethane	10.025	97	146389	4.433	ppbV		99
38) benzene	10.550	78	304224	4.720	ppbV		97
39) carbon tetrachloride	10.723	117	131303	4.641	ppbV		98
40) cyclohexane	10.863	56	167964	4.894	ppbV		96
41) Dibromomethane	11.457	93	99992	4.319	ppbV	#	99
42) 1,2-dichloropropane	11.490	63	131078	4.872	ppbV		99
43) bromodichloromethane	11.717	83	155815	4.920	ppbV		100
44) 1,4-dioxane	11.757	88	64898	5.186	ppbV		98
45) trichloroethene	11.770	130	153611	4.608	ppbV		98
46) 2,2,4-trimethylpentane	11.823	57	528503	5.022	ppbV		96
47) heptane	12.137	43	193766	5.528	ppbV		93
48) cis-1,3-dichloropropene	12.783	75	164897	6.173	ppbV		98
49) 4-methyl-2-pentanone	12.817	43	213489	5.305	ppbV		95
50) trans-1,3-dichloropropene	13.408	75	116887	6.759	ppbV		98
51) 1,1,2-trichloroethane	13.608	97	133521	4.868	ppbV		94
53) toluene	13.942	91	387837	5.427	ppbV		100
55) 2-hexanone	14.242	43	183525	7.095	ppbV		94
56) dibromochloromethane	14.400	129	189526	5.884	ppbV		99
57) 1,2-dibromoethane	14.658	107	191833	6.202	ppbV		99
58) tetrachloroethene	15.133	166	146707	5.303	ppbV		99
59) 1,1,1,2-tetrachloroethane	15.775	131	134860	5.029	ppbV		99
60) chlorobenzene	15.783	112	309972	5.585	ppbV		99
61) ethylbenzene	16.142	91	492319	5.442	ppbV		97
62) m+p-xylene	16.308	91	790763	11.220	ppbV		93
63) bromoform	16.375	173	141436	6.385	ppbV		99
64) styrene	16.642	104	321724	6.608	ppbV		96
65) 1,1,2,2-tetrachloroethane	16.725	83	246955	5.260	ppbV		100
66) o-xylene	16.733	91	393557	5.499	ppbV		92
67) 1,2,3-Trichloropropane	16.842	75	169996	5.314	ppbV		99
69) isopropylbenzene	17.250	105	492823	5.671	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\r1754543_Ev2.D
Sub List : Default - All compounds listed

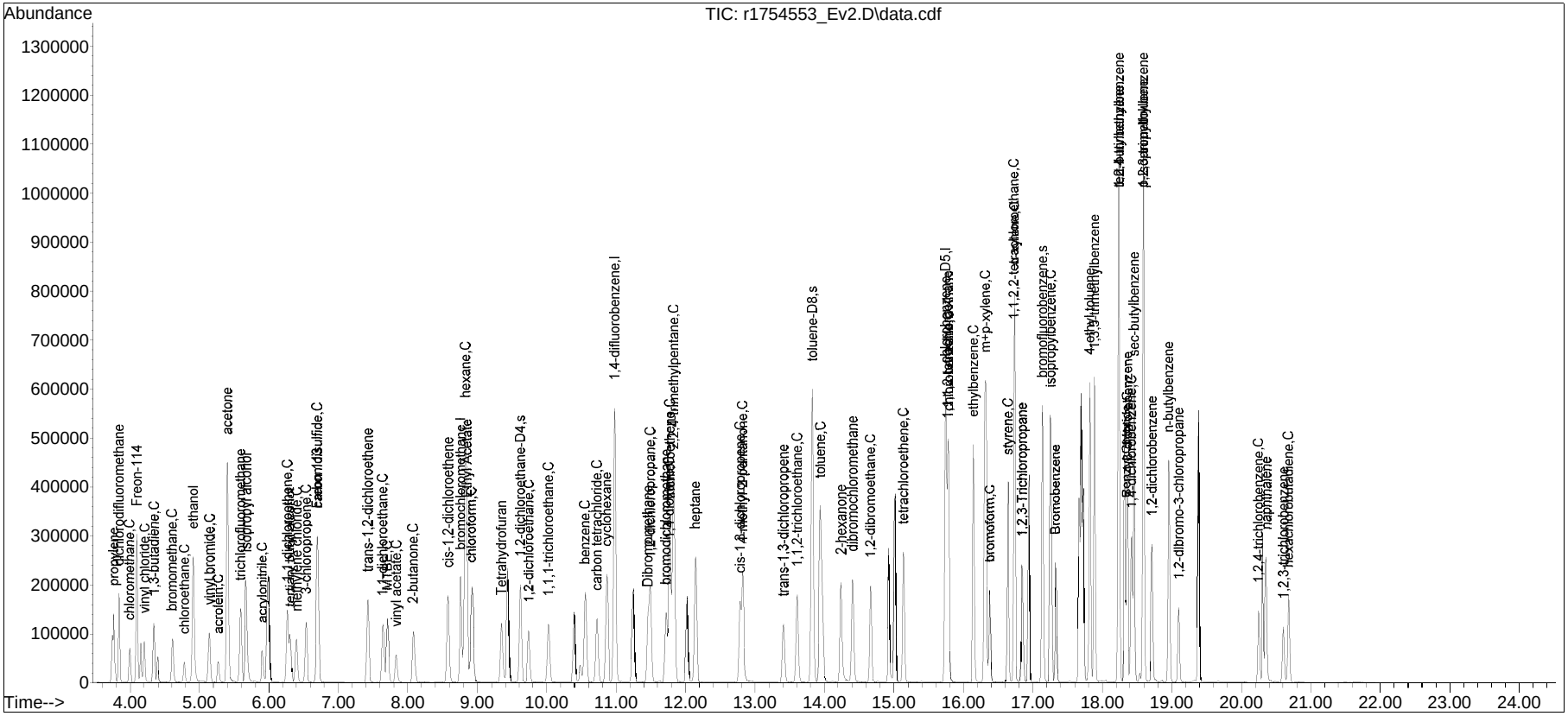
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.325	77	224484	5.352	ppbV		97
71) 4-ethyl toluene	17.817	105	511619	6.397	ppbV		96
72) 1,3,5-trimethylbenzene	17.883	105	448499	6.241	ppbV		95
73) tert-butylbenzene	18.233	119	421218	5.330	ppbV		98
74) 1,2,4-trimethylbenzene	18.233	105	447983	6.254	ppbV	#	87
75) Benzyl Chloride	18.350	91	223612	5.082	ppbV		97
76) 1,3-dichlorobenzene	18.367	146	264779	6.011	ppbV		95
77) 1,4-dichlorobenzene	18.425	146	265012	5.980	ppbV		95
78) sec-butylbenzene	18.458	105	590369	5.531	ppbV		99
79) 1,2,3-trimethylbenzene	18.592	105	379580	4.985	ppbV		97
80) p-isopropyltoluene	18.592	119	497861	5.176	ppbV		99
81) 1,2-dichlorobenzene	18.717	146	263300	5.636	ppbV	#	92
82) n-butylbenzene	18.950	91	467017	5.610	ppbV		96
83) 1,2-dibromo-3-chloropr...	19.100	75	76298	4.985	ppbV		97
84) 1,2,4-trichlorobenzene	20.242	180	152823	5.903	ppbV		96
85) naphthalene	20.358	128	394321	4.793	ppbV		100
86) 1,2,3-trichlorobenzene	20.608	180	122043	4.763	ppbV		99
87) hexachlorobutadiene	20.675	225	142395	5.339	ppbV		98

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

Sub List : Default - All compounds listed3\0305SIM_I\r1754543_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\
Data File : r1754553_Ev2.D
Acq On : 5 Mar 2026 5:47 PM
Operator : AIRLAB17:JJT
Sample : CTO15-SIMSTD5.0
Misc : WG2181934,125 mL SS26-002F
ALS Vial : 0 Sample Multiplier: 1

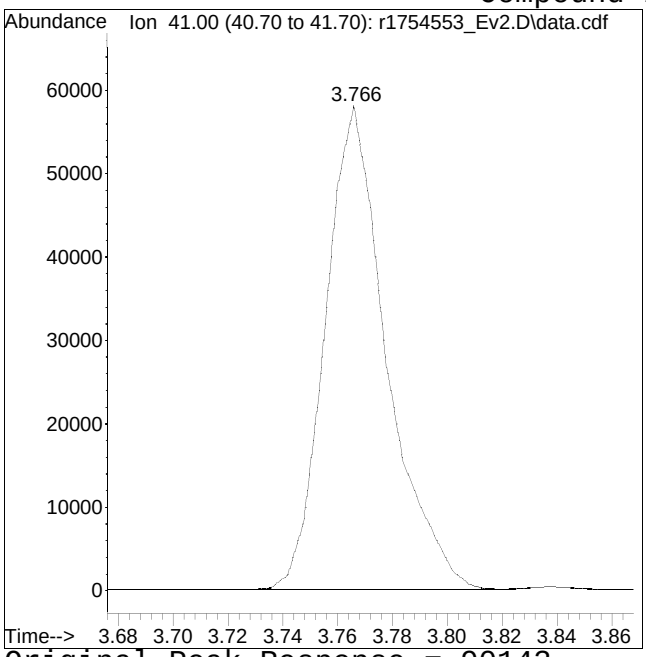
Quant Time: Mar 05 19:55:02 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0305SIM_I\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration



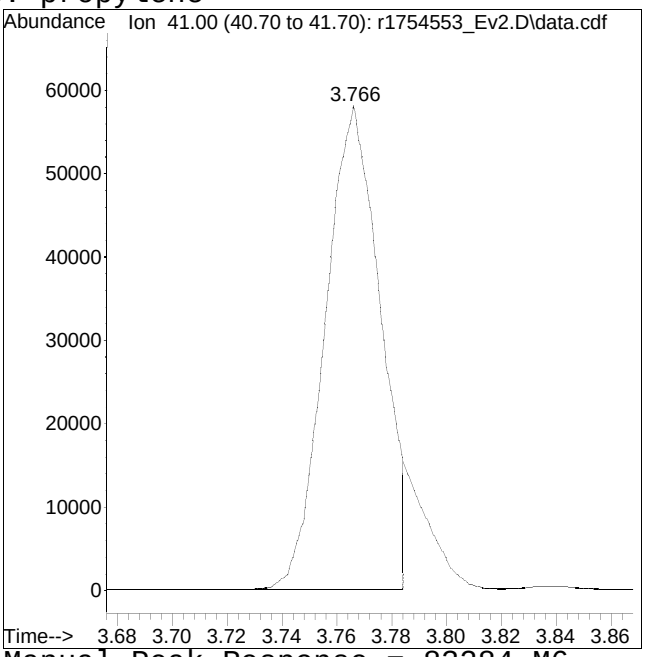
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1754553_Ev2.D Operator : AIRLAB17:JJT
Date Inj'd : 3/5/2026 5:47 PM Instrument :
Sample : CTO15-SIMSTD5.0 Quant Date : 3/5/2026 7:55 pm

Compound #3: propylene



Original Peak Response = 90143



Manual Peak Response = 83284 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Response Factor Report

Method Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Method File : TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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)		1,1-difluoroet...				0.851	0.772	0.850	0.747	0.725	0.699	0.521	0.738	15.19
3)		propylene				0.900	0.668	0.700	0.548	0.567	0.599	0.584	0.652	18.72
4)		dichlorodifluo...				1.324	1.219	1.331	1.236	1.222	1.218	1.079	1.233	6.81
5)	C	chloromethane				0.571	0.516	0.567	0.524	0.530	0.530	0.498	0.534	4.95
6)		Freon-114			1.355	1.337	1.398	1.275	1.399	1.288	1.295	1.286	1.132	1.307	6.21
7)	C	vinyl chloride	0.726	0.624	0.635	0.655	0.589	0.653	0.613	0.658	0.682	0.669	0.650	5.90
8)	C	1,3-butadiene	0.501	0.488	0.453	0.484	0.454	0.488	0.436	0.454	0.487	0.450	0.470	4.74
9)	C	bromomethane	0.571	0.541	0.515	0.527	0.472	0.527	0.490	0.519	0.537	0.520	0.522	5.18
10)	C	chloroethane			0.300	0.318	0.278	0.305	0.286	0.304	0.318	0.323	0.304	5.21
11)		ethanol					0.393	0.438	0.365	0.483	0.514	0.452	0.441	12.56
12)	C	vinyl bromide				0.448	0.413	0.455	0.407	0.433	0.566	0.488	0.459	11.92
13)	C	acrolein		0.330	0.243	0.265	0.244	0.284	0.271	0.290	0.402	0.308	0.293	16.92
14)		acetone				0.650	0.583	0.632	0.775	0.620	0.830	0.579	0.667	14.61
15)		trichlorofluor...		0.977	0.944	1.029	0.914	0.996	1.091	1.133	1.141	0.937	1.018	8.43
16)		isopropyl alcohol					0.696	0.763	0.949	1.015	1.109	0.753	0.881	18.92

Response Factor Report

Method Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Method File : TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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	acrylonitrile				0.441	0.431	0.468	0.609	0.657	0.712	0.513	0.547	20.45
18)	C	1,1-dichloroet...	0.959	0.948	0.936	0.975	0.897	0.987	0.947	0.998	1.026	0.986	0.966	3.78
19)		tertiary butyl...					1.068	1.223	1.164	1.310	1.421	1.369	1.259	10.51
20)	C	methylene chlo...					0.853	0.913	0.837	0.867	0.858	0.806	0.856	4.13
21)	C	3-chloropropene					0.765	0.850	0.804	0.853	0.943	0.914	0.855	7.74
22)	C	carbon disulfide				1.603	1.467	1.668	1.583	1.679	1.852	1.758	1.658	7.52
23)		Freon 113	1.365	1.243	1.185	1.268	1.147	1.256	1.171	1.212	1.251	1.197	1.230	5.06
24)		trans-1,2-dich...	0.923	0.820	0.807	0.899	0.817	0.911	0.823	0.878	0.984	0.952	0.881	7.09
25)	C	1,1-dichloroet...	1.291	1.209	1.175	1.228	1.123	1.236	1.174	1.234	1.276	1.235	1.218	4.12
26)	C	MTBE	1.412	1.353	1.312	1.445	1.315	1.472	1.341	1.417	1.536	1.464	1.407	5.31
27)	C	vinyl acetate					1.016	1.168	0.998	1.159	1.446	1.533	1.220	18.19
28)	C	2-butanone				1.339	1.327	1.458	1.332	1.418	1.421	1.361	1.379	3.79
29)		cis-1,2-dichlo...	0.963	0.852	0.863	0.918	0.843	0.943	0.917	0.976	1.020	0.981	0.928	6.47
30)		Ethyl Acetate					0.194	0.228	0.213	0.229	0.260	0.256	0.230	10.99
31)	C	chloroform	1.432	1.353	1.293	1.304	1.191	1.317	1.243	1.290	1.286	1.189	1.290	5.62
32)		Tetrahydrofuran				0.681	0.632	0.728	0.665	0.714	0.782	0.760	0.709	7.51

Response Factor Report

Method Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Method File : TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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)	C	1,2-dichloroet...	0.888	0.754	0.768	0.768	0.713	0.781	0.735	0.771	0.771	0.731	0.768	6.19
34)	I	1,4-difluorobenzene	----------ISTD----------											
35)	C	hexane				0.506	0.411	0.487	0.445	0.508	0.500	0.444	0.472	8.08
36)	s	1,2-dichloroet...				0.245	0.211	0.252	0.234	0.265	0.227	0.220	0.236	7.94
37)	C	1,1,1-trichlor...	0.422	0.397	0.412	0.408	0.332	0.430	0.410	0.462	0.422	0.395	0.409	8.10
38)	C	benzene			1.045	1.066	0.835	0.979	0.936	1.061	0.965	0.866	0.969	9.00
39)	C	carbon tetrach...	0.330	0.354	0.365	0.380	0.299	0.369	0.363	0.420	0.382	0.339	0.360	9.09
40)		cyclohexane				0.538	0.426	0.515	0.473	0.548	0.541	0.496	0.505	8.77
41)		Dibromomethane		0.326	0.304	0.311	0.254	0.297	0.275	0.313	0.297	0.272	0.294	7.84
42)	C	1,2-dichloropr...	0.400	0.336	0.344	0.341	0.283	0.330	0.321	0.369	0.345	0.323	0.339	9.05
43)		bromodichlorom...	0.531	0.406	0.425	0.450	0.368	0.442	0.425	0.493	0.477	0.431	0.445	10.42
44)	C	1,4-dioxane			0.166	0.193	0.156	0.187	0.178	0.209	0.213	0.200	0.188	10.76
45)	C	trichloroethene	0.416	0.345	0.372	0.411	0.325	0.391	0.383	0.440	0.411	0.374	0.387	8.96
46)	C	2,2,4-trimethy...		1.449	1.581	1.609	1.332	1.611	1.430	1.627	1.600	1.431	1.519	7.13
47)		heptane				0.568	0.463	0.558	0.513	0.579	0.551	0.492	0.532	8.14
48)	C	cis-1,3-dichlo...	0.329	0.342	0.355	0.399	0.312	0.385	0.394	0.468	0.431	0.395	0.381	12.50

Response Factor Report

Method Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Method File : TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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)	C	4-methyl-2-pen...					0.487	0.621	0.587	0.674	0.647	0.583	0.600	10.91
50)		trans-1,3-dich...	0.254	0.192	0.243	0.264	0.213	0.261	0.270	0.324	0.303	0.279	0.260	14.92
51)	C	1,1,2-trichlor...	0.346	0.333	0.364	0.360	0.294	0.347	0.336	0.385	0.356	0.331	0.345	7.02
52)	I	chlorobenzene-D5	ISTD											
53)	C	toluene					5.780	6.504	5.143	6.104	5.906	6.606	6.570	5.957	6.071	8.14
54)	s	toluene-D8						5.189	4.413	5.226	4.828	5.391	5.227	5.210	5.069	6.62
55)		2-hexanone						2.807	2.293	3.142	3.008	3.368	3.521	3.147	3.041	13.24
56)		dibromochlorom...	2.188	1.971	2.184	2.247	1.849	2.234	2.247	2.618	2.860	2.611	2.301	13.42
57)	C	1,2-dibromoethane	2.485	2.407	2.674	2.816	2.344	2.770	2.680	3.034	3.007	2.731	2.695	8.61
58)	C	tetrachloroethene	2.485	2.093	2.428	2.589	2.057	2.424	2.296	2.589	2.598	2.339	2.390	8.19
59)		1,1,1,2-tetrac...	2.043	1.898	2.033	2.037	1.680	2.003	1.978	2.271	2.332	2.097	2.037	8.92
60)	C	chlorobenzene	5.335	4.832	5.280	5.367	4.296	5.065	4.853	5.424	5.326	4.662	5.044	7.41
61)	C	ethylbenzene	7.308	6.560	7.562	7.707	6.273	7.803	7.718	8.731	8.608	7.689	7.596	10.10
62)	C	m+p-xylene	5.676	5.283	6.008	6.183	5.173	6.355	6.264	7.002	6.830	5.976	6.075	9.77
63)	C	bromoform	1.396	1.412	1.593	1.650	1.356	1.662	1.746	2.118	2.342	2.166	1.744	20.02
64)	C	styrene	3.534	3.357	4.246	4.559	3.785	4.815	4.863	5.534	5.480	4.947	4.512	16.97

Response Factor Report

Method Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Method File : TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.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	1,1,2,2-tetrac...	4.289	4.081	4.624	4.876	3.909	4.607	4.511	5.131	4.966	4.222	4.522	8.80
66)	C	o-xylene	5.446	5.131	6.110	6.342	5.244	6.403	6.326	7.057	6.799	5.820	6.068	10.67
67)		1,2,3-Trichlor...	2.978	3.153	3.548	3.721	3.022	3.604	3.384	3.781	3.674	3.269	3.413	8.65
68)	s	bromofluoroben...				3.563	3.267	3.669	3.176	3.672	3.710	3.690	3.535	6.25
69)	C	isopropylbenzene				8.725	7.099	8.533	8.098	8.987	8.904	7.836	8.312	8.17
70)		Bromobenzene	4.175	3.615	4.513	4.999	4.085	4.808	4.538	5.058	4.965	4.361	4.512	10.32
71)		4-ethyl toluene	5.504	5.172	7.008	7.381	6.451	7.968	7.500	8.422	8.735	7.626	7.177	16.31
72)		1,3,5-trimethy...	6.264	5.421	6.624	7.186	5.891	7.191	7.026	7.775	7.486	6.629	6.749	10.85
73)		tert-butylbenzene				7.145	6.129	7.582	7.323	8.152	7.882	6.401	7.230	10.28
74)		1,2,4-trimethy...	5.693	5.162	6.694	6.822	5.876	7.300	7.206	7.998	7.589	6.293	6.663	13.53
75)	C	Benzyl Chloride			3.181	3.332	2.967	4.064	4.070	5.133	5.677	5.469	4.237	25.23
76)		1,3-dichlorobe...	3.523	3.668	4.380	4.530	4.100	4.967	4.991	5.599	5.501	4.924	4.618	15.36
77)	C	1,4-dichlorobe...	3.735	3.643	4.748	4.722	4.058	4.954	4.896	5.589	5.380	4.745	4.647	13.97
78)		sec-butylbenzene				1.051	0.896	1.094	1.041	1.159	1.129	0.961	1.047	8.85
79)		1,2,3-trimethy...				6.646	5.520	6.517	7.425	7.311	7.935	6.129	6.783	12.23
80)		p-isopropyltol...				8.150	6.989	8.325	9.129	9.266	9.702	7.121	8.383	12.58

Response Factor Report

Method Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Method File : TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026
Response Via : Initial Calibration

Calibration Files
0.02=r1559847_Ev2.D 0.05=r1559848_Ev2.D 0.1 =r1559849_Ev2.D 0.2 =r1559850_Ev2.D 0.5 =r1559851_Ev2.D
1.0 =r1559852_Ev2.D 5.0 =r1559853_Ev2.D 10.0=r1559854_Ev2.D 20.0=r1559855_Ev2.D 50.0=r1559856_Ev2.D

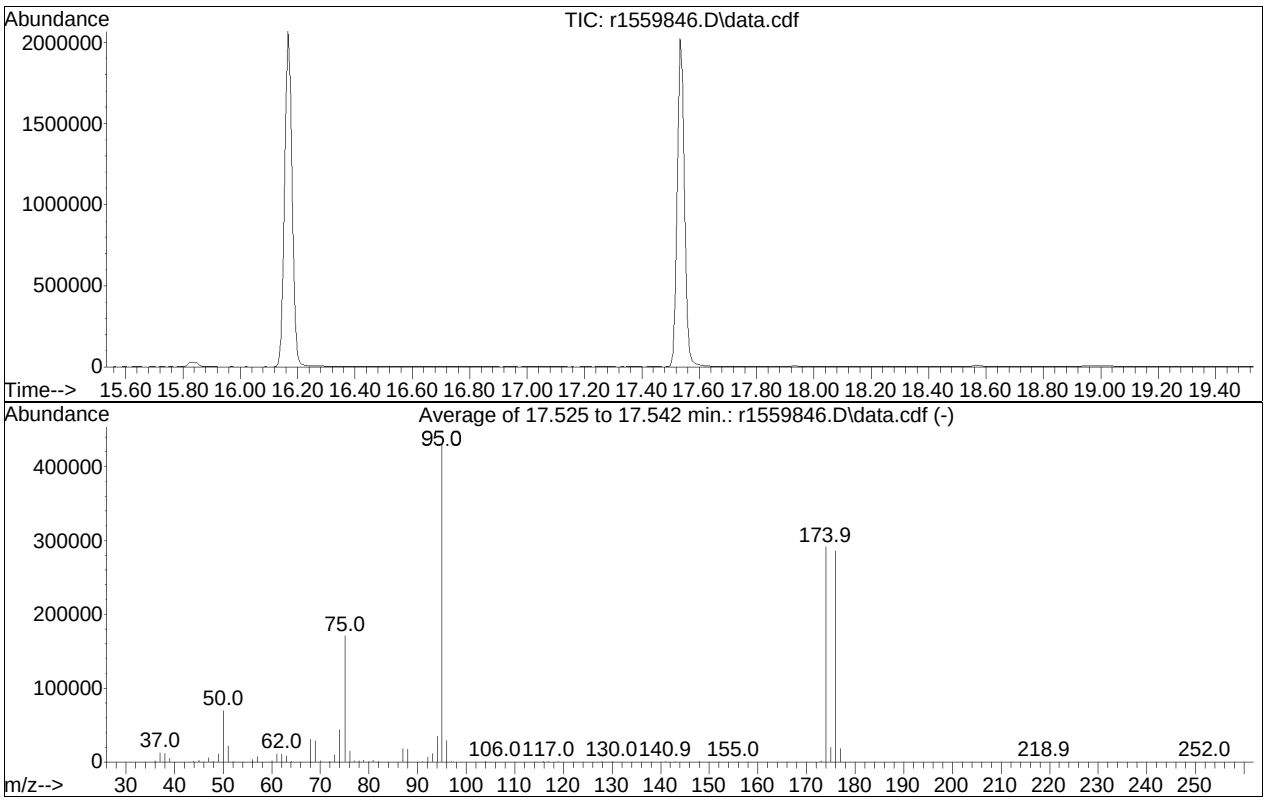
		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
81)		1,2-dichlorobe...	4.062	3.882	4.438	4.521	3.880	4.720	4.718	5.280	5.172	4.657	4.533	10.74
82)		n-butylbenzene				7.347	6.569	8.113	8.099	9.111	8.872	7.852	7.995	10.85
83)		1,2-dibromo-3-...	1.090	1.197	1.359	1.456	1.380	1.758	1.837	2.108	2.013	1.874	1.607	22.09
84)	C	1,2,4-trichlor...			1.631	2.313	1.988	2.183	2.972	3.157	3.962	3.666	3.652	2.836	29.54
85)		naphthalene			0.514	0.717	0.606	0.695	0.960	0.941	1.213	1.092	1.064	0.867	27.89
86)		1,2,3-trichlor...			2.000	2.592	1.950	2.209	3.065	2.966	3.879	3.463	3.531	2.850	24.71
87)	C	hexachlorobuta...			2.316	2.766	2.130	2.155	2.807	2.697	3.259	2.827	2.767	2.636	13.95

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559846.D
Acq On : 20 Mar 2026 5:10 PM
Operator : AIRLAB15:KJD
Sample : WG2188474-1,3,250,250
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026



Spectrum Information: Average of 17.525 to 17.542 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.1	69520	PASS
75	95	30	66	39.5	170763	PASS
95	95	100	100	100.0	432402	PASS
96	95	5	9	6.7	29149	PASS
173	174	0.00	2	0.6	1711	PASS
174	95	50	120	67.4	291452	PASS
175	174	4	9	6.9	20022	PASS
176	174	93	101	98.2	286271	PASS
177	176	5	9	6.4	18287	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559847_Ev2.D
Acq On : 20 Mar 2026 5:45 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:47 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.267	49	372103	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 99.61%			
34) 1,4-difluorobenzene	11.497	114	975885	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 100.53%			
52) chlorobenzene-D5	16.158	54	171603	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 98.76%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.133	65	74	0.003	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.03%#			
54) toluene-D8	14.325	98	346	0.004	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.04%#			
68) bromofluorobenzene	17.550	95	1298	0.024	ppbV	0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.24%#			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.994	51	6517	0.234	ppbV	97
3) propylene	4.078	41	2268M6	0.111	ppbV	
4) dichlorodifluoromethane	4.150	85	1064	0.023	ppbV	99
5) chloromethane	4.318	50	479M3	0.025	ppbV	
6) Freon-114	4.426	85	1091	0.023	ppbV	96
7) vinyl chloride	4.552	62	540	0.024	ppbV #	75
8) 1,3-butadiene	4.696	54	373	0.023	ppbV #	63
9) bromomethane	4.984	94	425	0.023	ppbV #	76
10) chloroethane	5.176	64	268M2	0.025	ppbV	
11) ethanol	5.326	31	1666	0.123	ppbV	94
12) vinyl bromide	5.560	106	393M6	0.026	ppbV	
13) acrolein	5.713	56	219M2	0.022	ppbV	
14) acetone	5.860	43	2897	0.100	ppbV #	91
15) trichlorofluoromethane	6.017	101	785M1	0.019	ppbV	
16) isopropyl alcohol	6.137	45	1947	0.055	ppbV #	90
17) acrylonitrile	6.360	53	452M1	0.020	ppbV	
18) 1,1-dichloroethene	6.720	61	714	0.020	ppbV	93
19) tertiary butyl alcohol	6.822	59	990	0.023	ppbV #	97
20) methylene chloride	6.858	49	1611	0.052	ppbV	99
21) 3-chloropropene	6.996	41	625	0.021	ppbV #	80
22) carbon disulfide	7.170	76	1426	0.024	ppbV #	1
23) Freon 113	7.164	101	1016	0.023	ppbV	96
24) trans-1,2-dichloroethene	7.908	61	687	0.022	ppbV	96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559847_Ev2.D
Acq On : 20 Mar 2026 5:45 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:47 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.133	63	961	0.022	ppbV		93
26) MTBE	8.250	73	1051	0.021	ppbV	#	84
27) vinyl acetate	8.342	43	914	0.025	ppbV	#	80
28) 2-butanone	8.625	43	1140	0.023	ppbV	#	89
29) cis-1,2-dichloroethene	9.083	61	717	0.021	ppbV		90
30) Ethyl Acetate	9.383	61	87	0.011	ppbV	#	1
31) chloroform	9.417	83	1066	0.023	ppbV	#	88
32) Tetrahydrofuran	9.925	42	556M6	0.022	ppbV		
33) 1,2-dichloroethane	10.258	62	661	0.024	ppbV	#	78
35) hexane	9.333	57	962	0.022	ppbV	#	26
37) 1,1,1-trichloroethane	10.550	97	823	0.021	ppbV	#	86
38) benzene	11.077	78	2469	0.027	ppbV		100
39) carbon tetrachloride	11.250	117	644	0.018	ppbV	#	89
40) cyclohexane	11.390	56	876	0.019	ppbV	#	81
41) Dibromomethane	11.990	93	765	0.028	ppbV	#	97
42) 1,2-dichloropropane	12.030	63	780	0.025	ppbV	#	78
43) bromodichloromethane	12.243	83	1037	0.025	ppbV		98
44) 1,4-dioxane	12.337	88	406M1	0.023	ppbV		
45) trichloroethene	12.297	130	812	0.022	ppbV		98
46) 2,2,4-trimethylpentane	12.350	57	2929	0.021	ppbV	#	91
47) heptane	12.657	43	954	0.019	ppbV	#	95
48) cis-1,3-dichloropropene	13.317	75	642	0.017	ppbV	#	64
49) 4-methyl-2-pentanone	13.417	43	818M1	0.014	ppbV		
50) trans-1,3-dichloropropene	13.942	75	496M1	0.019	ppbV		
51) 1,1,2-trichloroethane	14.125	97	676	0.021	ppbV	#	92
53) toluene	14.433	91	1993	0.020	ppbV		97
55) 2-hexanone	0.000		0	N.D.	d		
56) dibromochloromethane	14.867	129	751	0.019	ppbV	#	86
57) 1,2-dibromoethane	15.117	107	853	0.019	ppbV		92
58) tetrachloroethene	15.558	166	853	0.022	ppbV		87
59) 1,1,1,2-tetrachloroethane	16.192	131	701	0.021	ppbV		94
60) chlorobenzene	16.200	112	1831	0.022	ppbV		90
61) ethylbenzene	16.558	91	2508	0.019	ppbV		94
62) m+p-xylene	16.725	91	3896	0.036	ppbV		99
63) bromoform	16.792	173	479	0.016	ppbV		88
64) styrene	17.058	104	1213	0.015	ppbV	#	86
65) 1,1,2,2-tetrachloroethane	17.142	83	1472	0.019	ppbV		86
66) o-xylene	17.142	91	1869	0.017	ppbV		99
67) 1,2,3-Trichloropropane	17.258	75	1022	0.018	ppbV	#	93
69) isopropylbenzene	17.650	105	2480	0.018	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559847_Ev2.D
Acq On : 20 Mar 2026 5:45 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:47 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

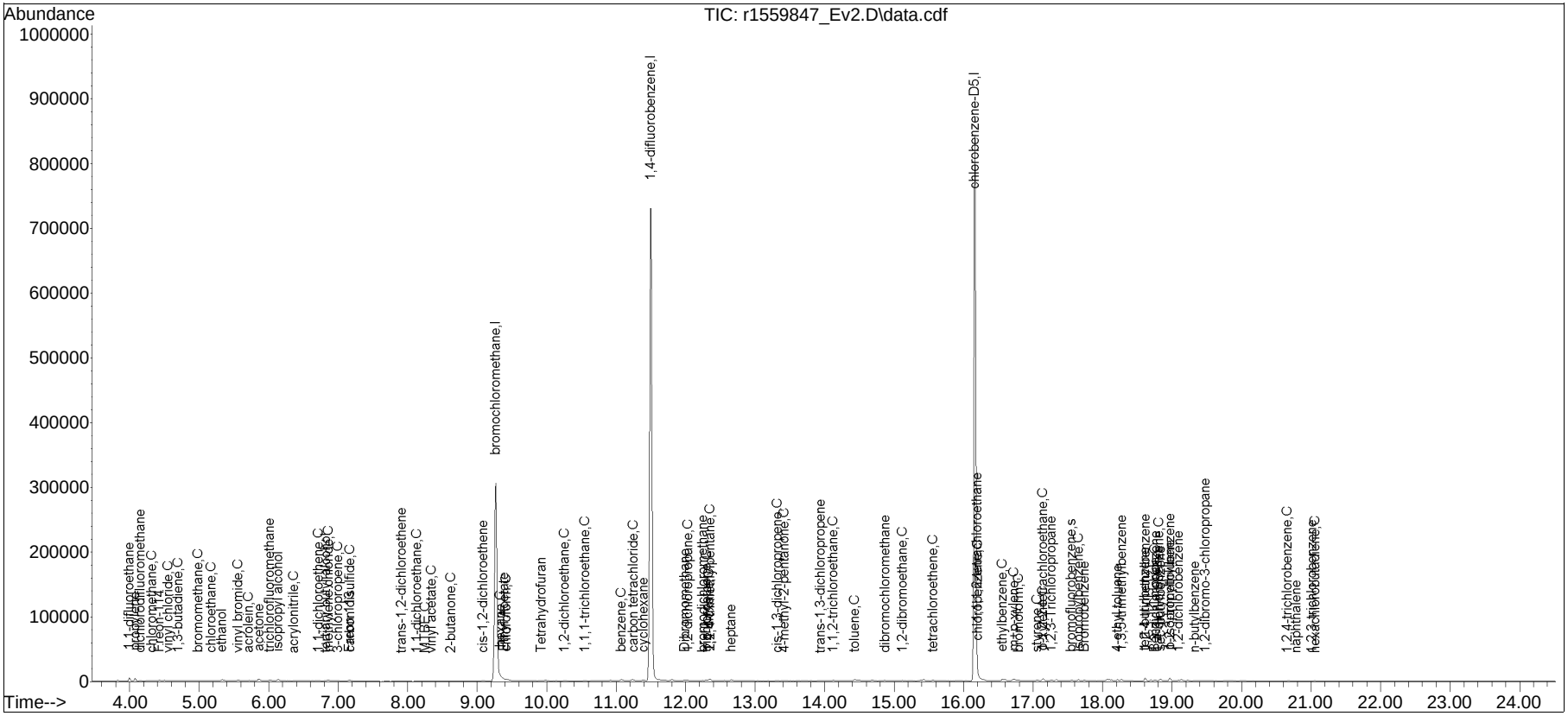
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.733	77	1433	0.018	ppbV	96
71) 4-ethyl toluene	18.217	105	1889	0.015	ppbV #	81
72) 1,3,5-trimethylbenzene	18.275	105	2150	0.018	ppbV #	93
73) tert-butylbenzene	18.608	119	2390	0.019	ppbV	98
74) 1,2,4-trimethylbenzene	18.617	105	1954	0.016	ppbV	97
75) Benzyl Chloride	18.750	91	753	0.011	ppbV	99
76) 1,3-dichlorobenzene	18.758	146	1209	0.014	ppbV	97
77) 1,4-dichlorobenzene	18.808	146	1282M3	0.015	ppbV	
78) sec-butylbenzene	18.833	105	2973	0.017	ppbV	99
79) 1,2,3-trimethylbenzene	18.967	105	1865	0.015	ppbV	93
80) p-isopropyltoluene	18.967	119	2147	0.014	ppbV	91
81) 1,2-dichlorobenzene	19.092	146	1394	0.017	ppbV	96
82) n-butylbenzene	19.325	91	1936M1	0.014	ppbV	
83) 1,2-dibromo-3-chloropr...	19.475	75	374	0.012	ppbV #	74
84) 1,2,4-trichlorobenzene	20.658	180	583	0.011	ppbV #	75
85) naphthalene	20.783	128	1707	0.011	ppbV #	66
86) 1,2,3-trichlorobenzene	21.008	180	692	0.014	ppbV #	78
87) hexachlorobutadiene	21.058	225	708	0.015	ppbV #	87

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559847_Ev2.D
Acq On : 20 Mar 2026 5:45 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

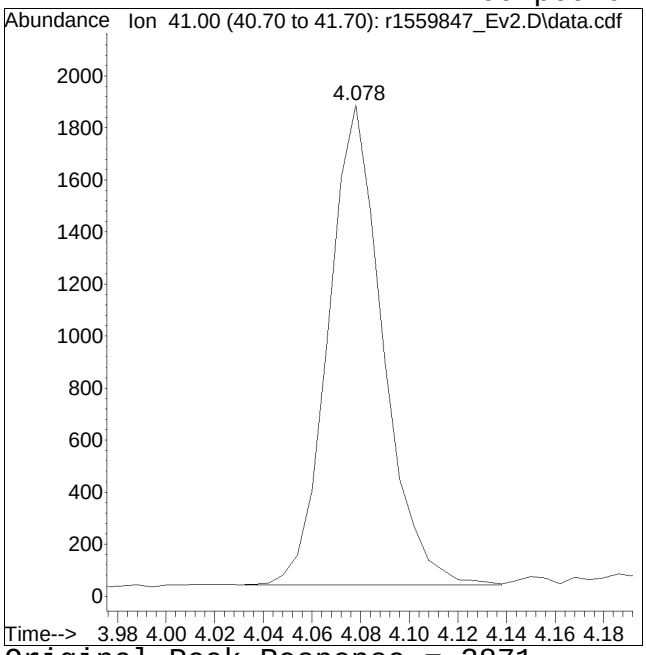
Quant Time: Mar 21 12:04:47 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration



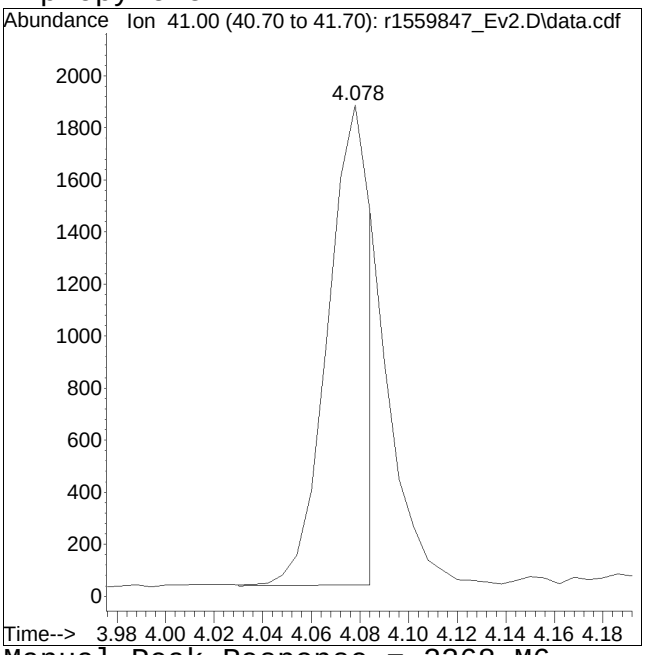
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #3: propylene



Original Peak Response = 2871



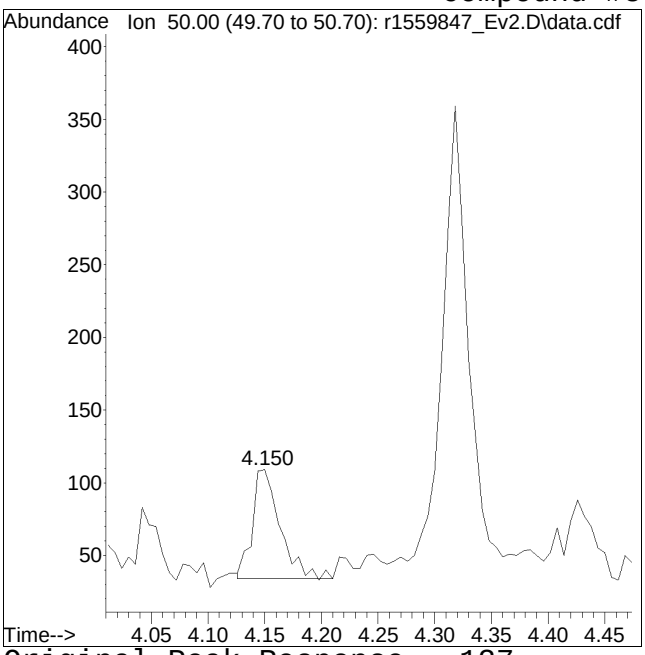
Manual Peak Response = 2268 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

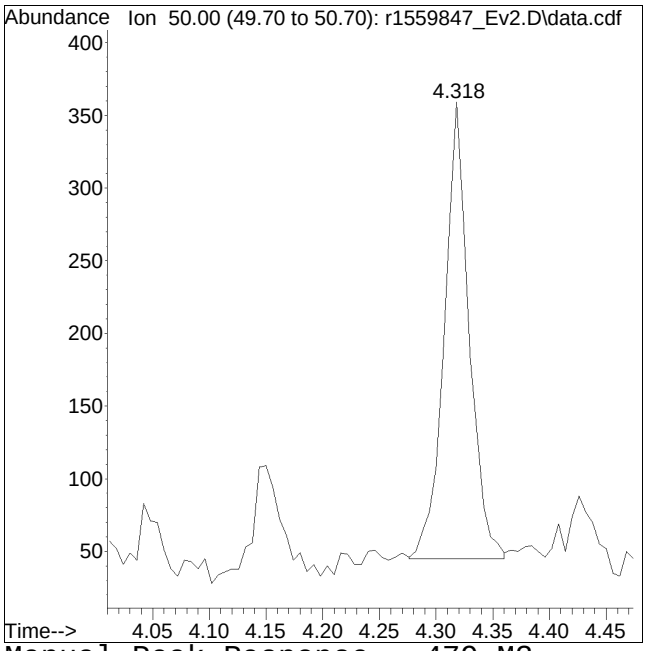
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #5: chloromethane



Original Peak Response = 127



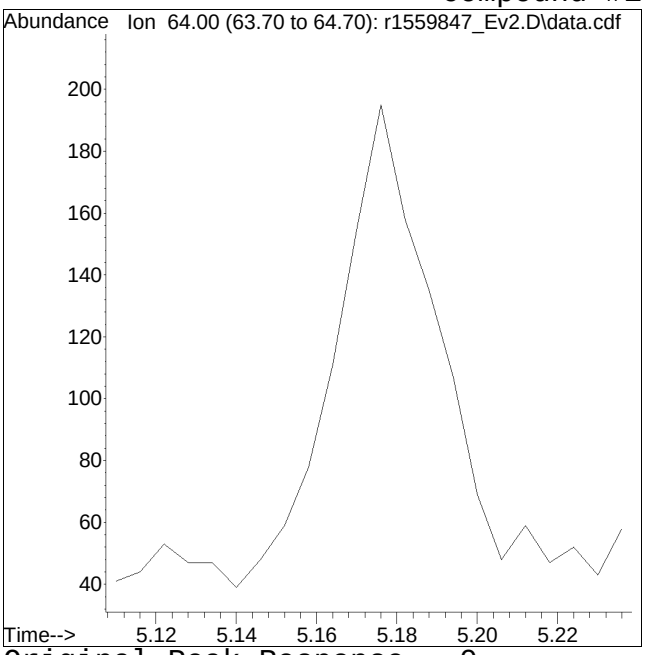
Manual Peak Response = 479 M3

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.

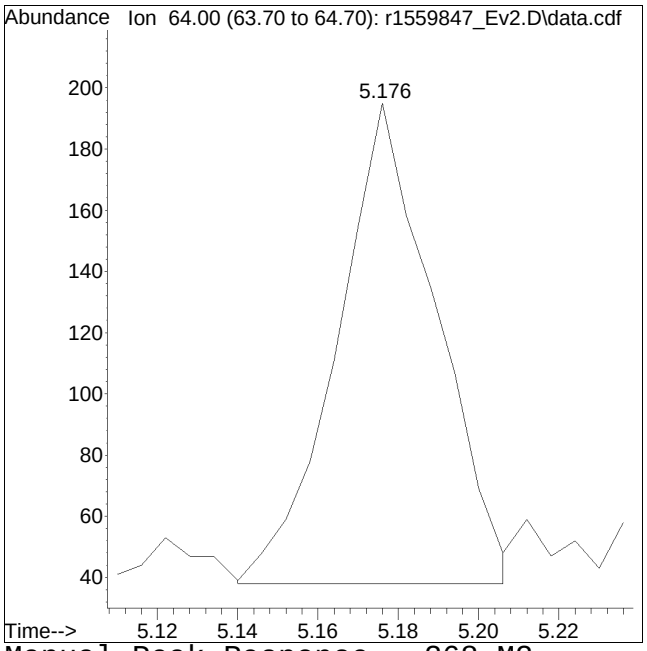
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #10: chloroethane



Original Peak Response = 0



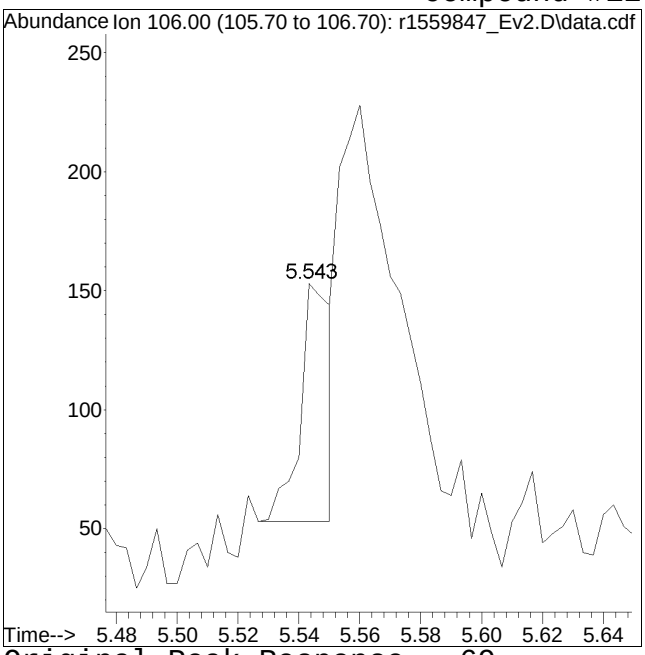
Manual Peak Response = 268 M2

M2 = Peak not found by automatic integration algorithm.

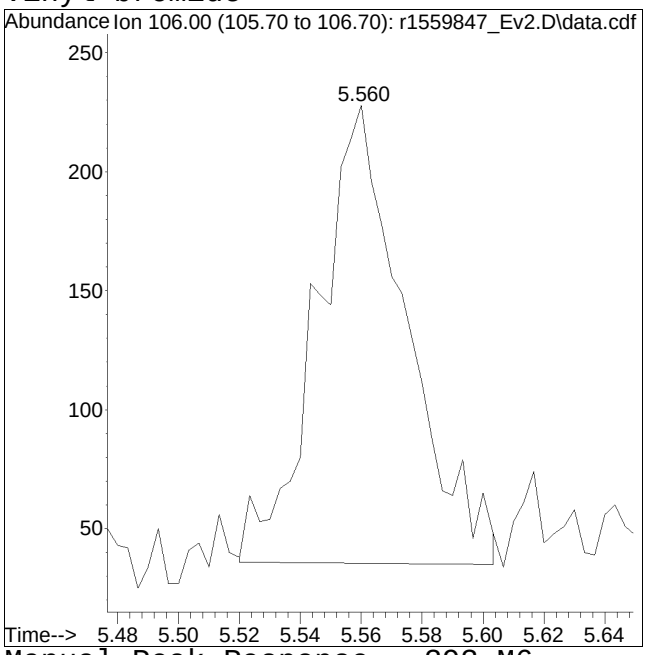
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #12: vinyl bromide



Original Peak Response = 69



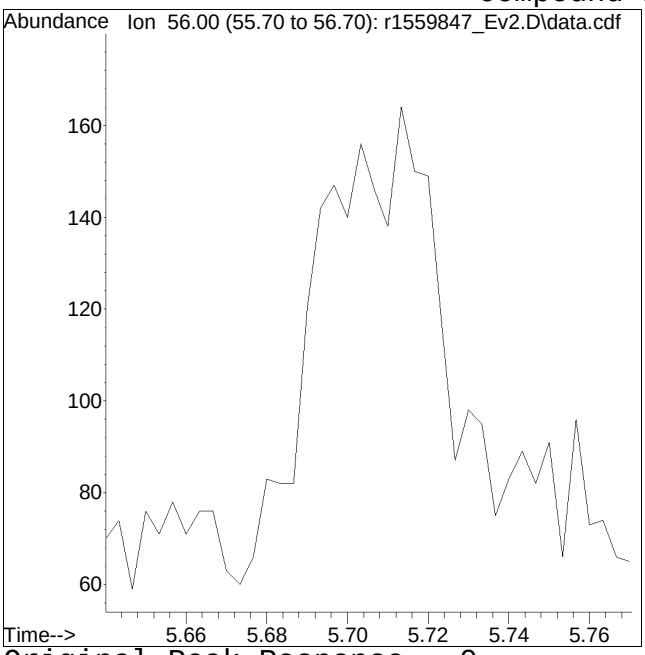
Manual Peak Response = 393 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

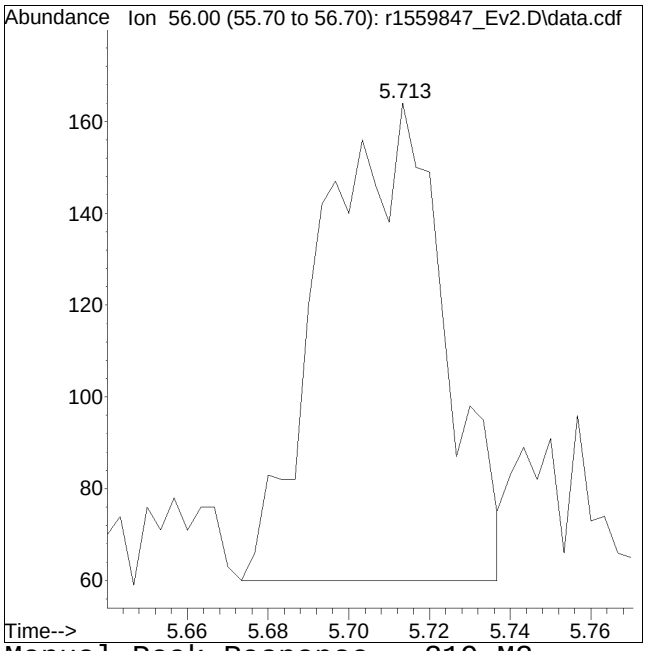
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #13: acrolein



Original Peak Response = 0



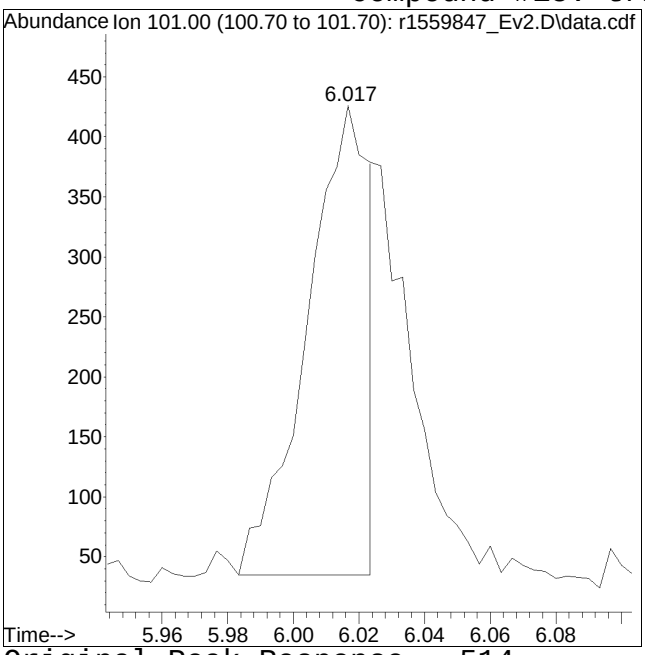
Manual Peak Response = 219 M2

M2 = Peak not found by automatic integration algorithm.

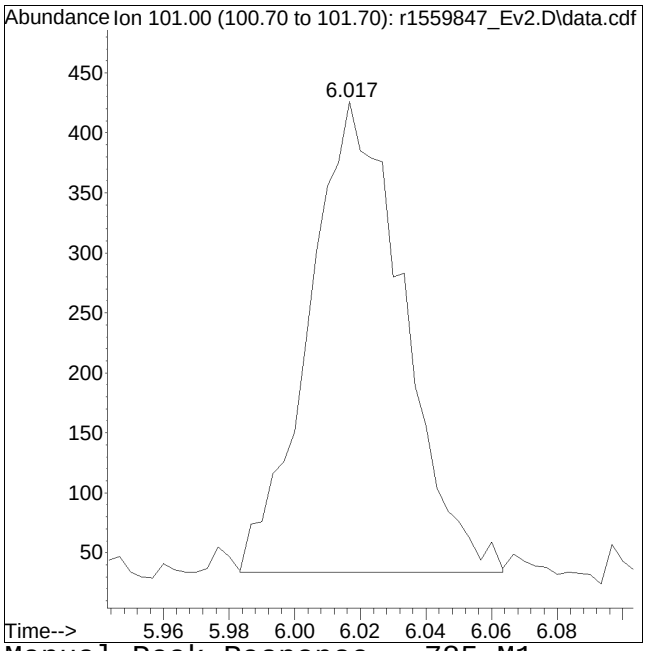
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #15: trichlorofluoromethane



Original Peak Response = 514



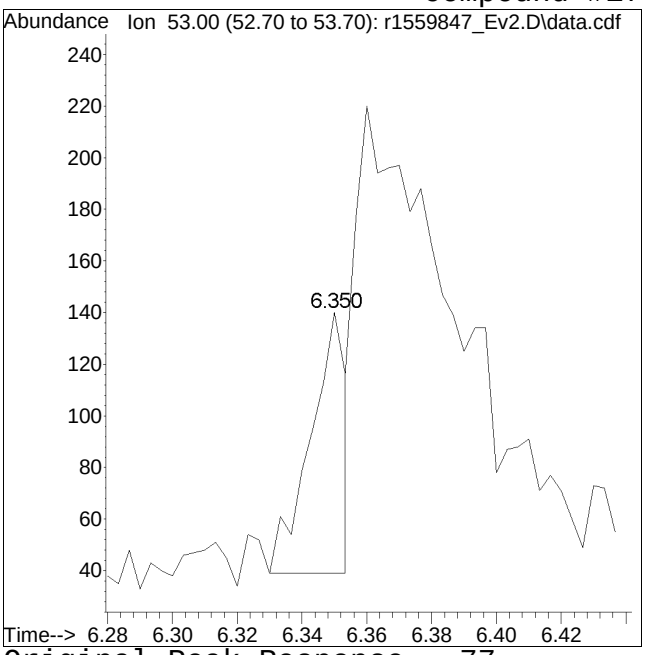
Manual Peak Response = 785 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

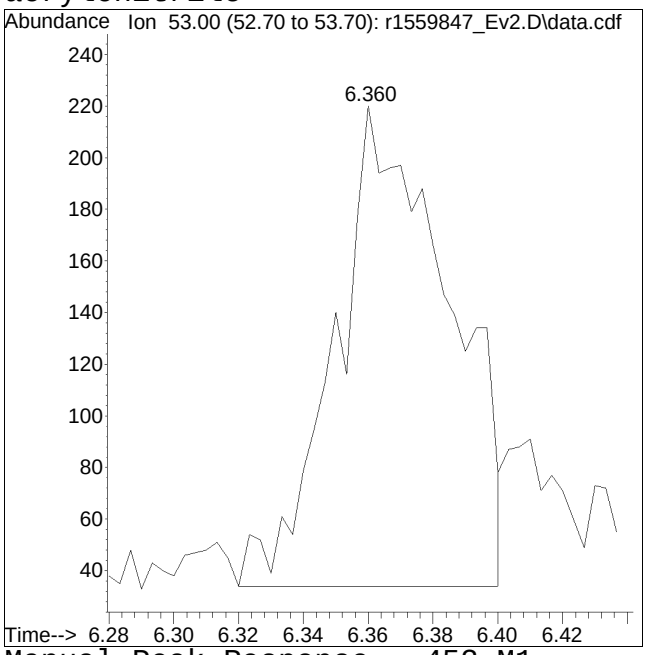
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #17: acrylonitrile



Original Peak Response = 77



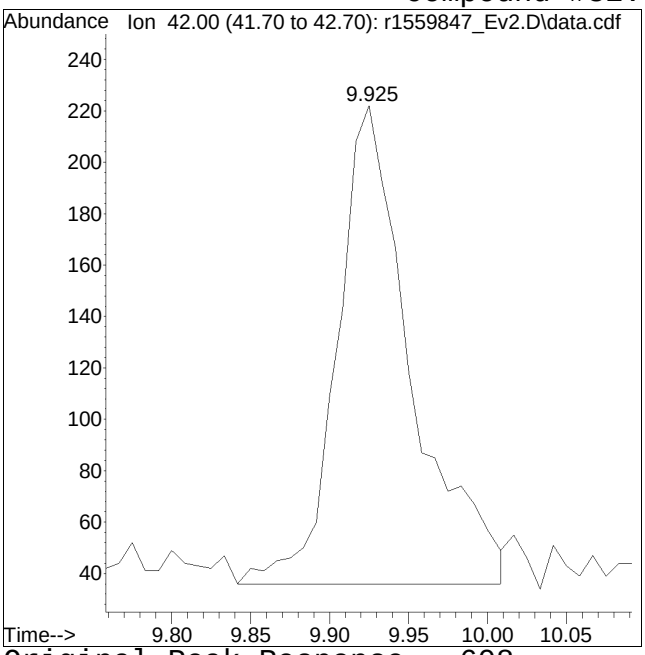
Manual Peak Response = 452 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

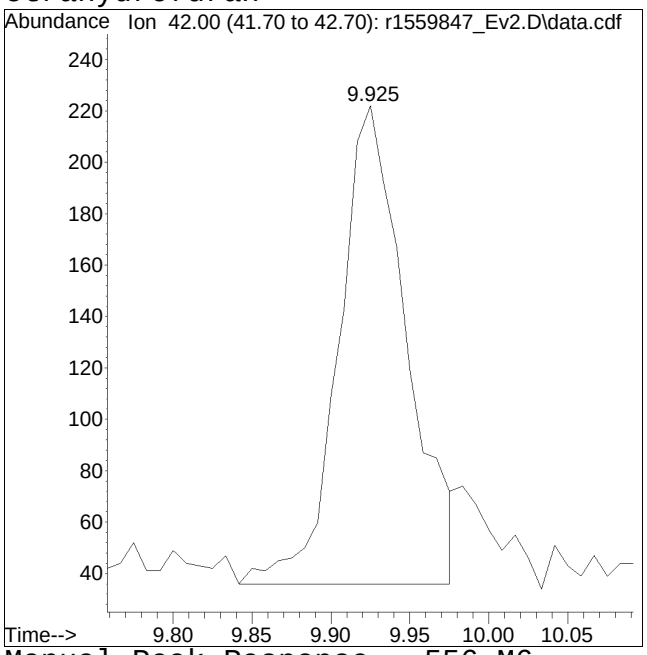
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #32: Tetrahydrofuran



Original Peak Response = 608



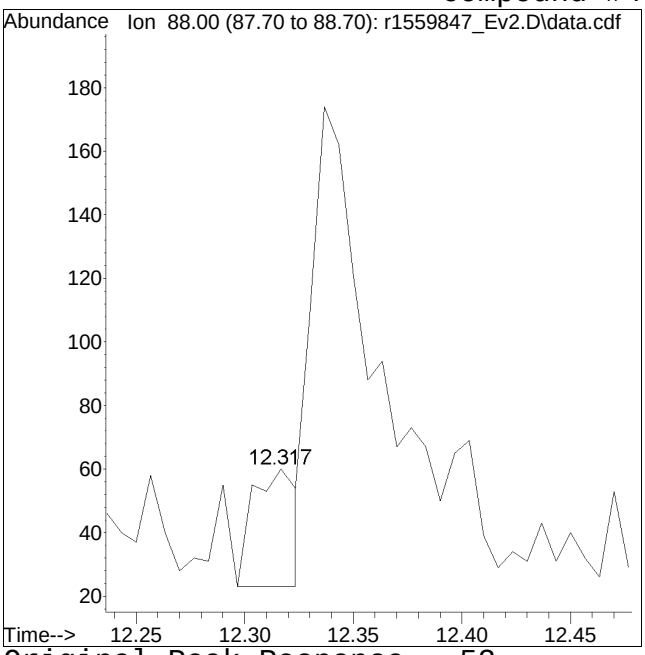
Manual Peak Response = 556 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

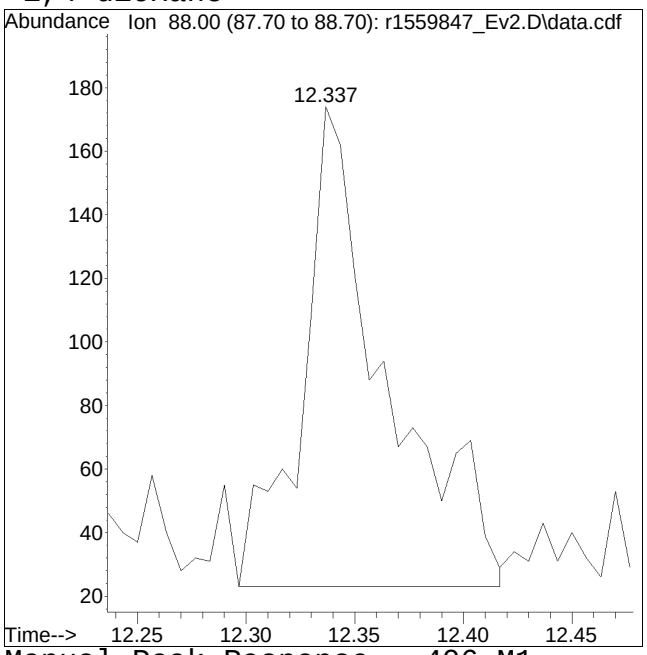
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #44: 1,4-dioxane



Original Peak Response = 52



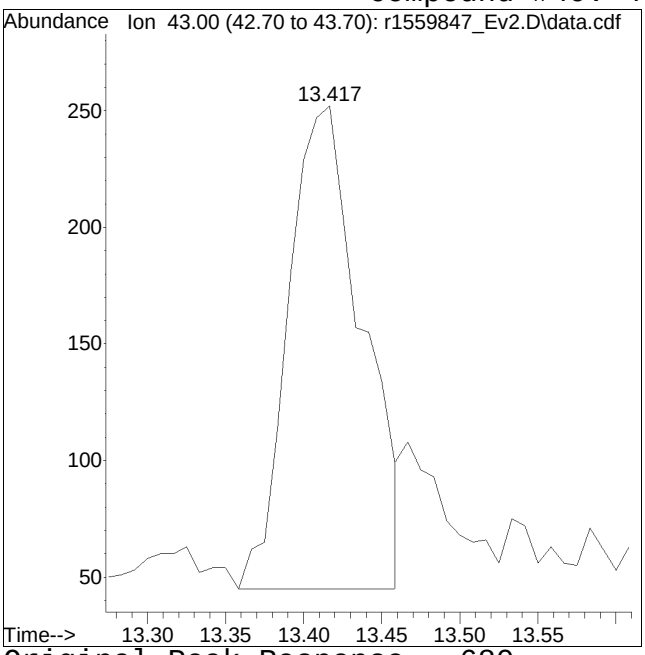
Manual Peak Response = 406 M1

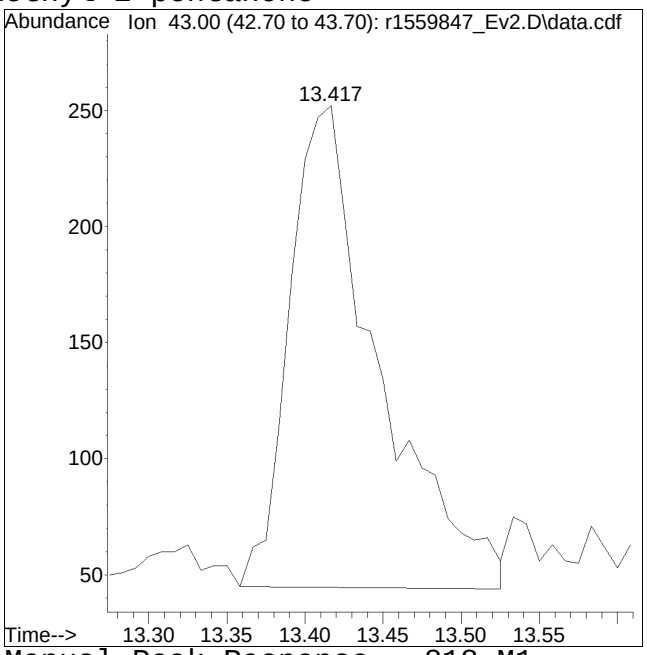
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #49: 4-methyl-2-pentanone



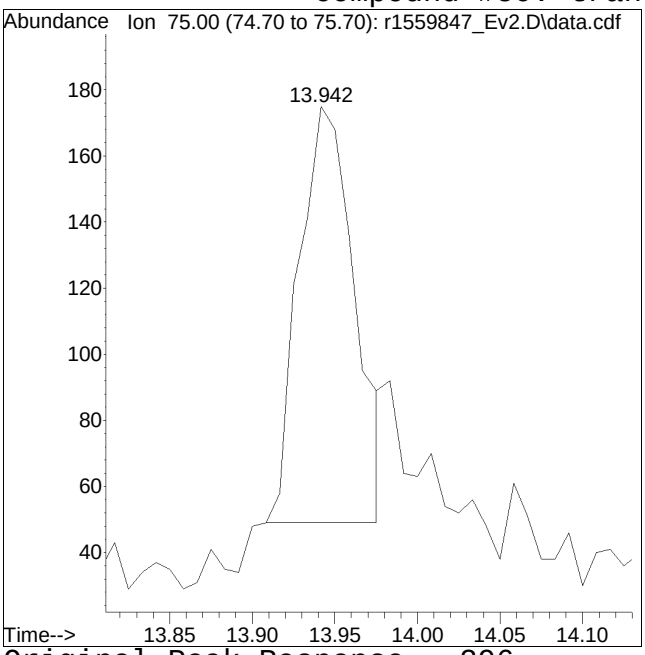


Original Peak Response = 680 Manual Peak Response = 818 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

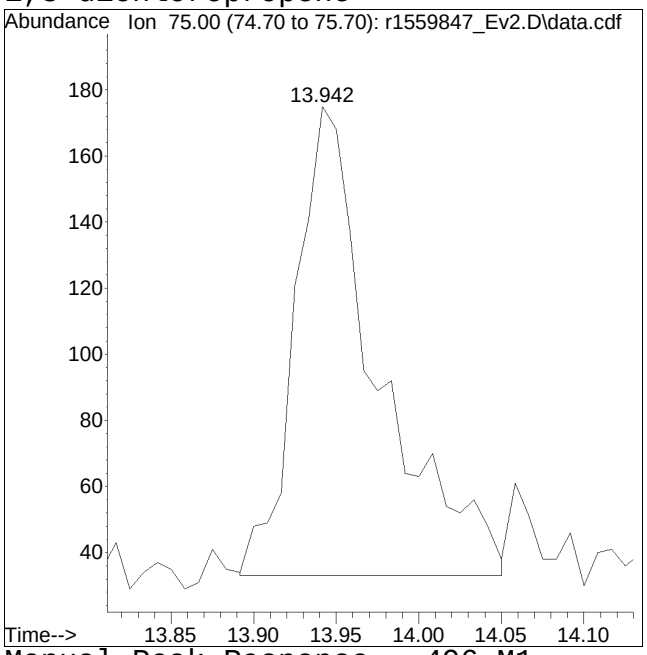
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #50: trans-1,3-dichloropropene



Original Peak Response = 296



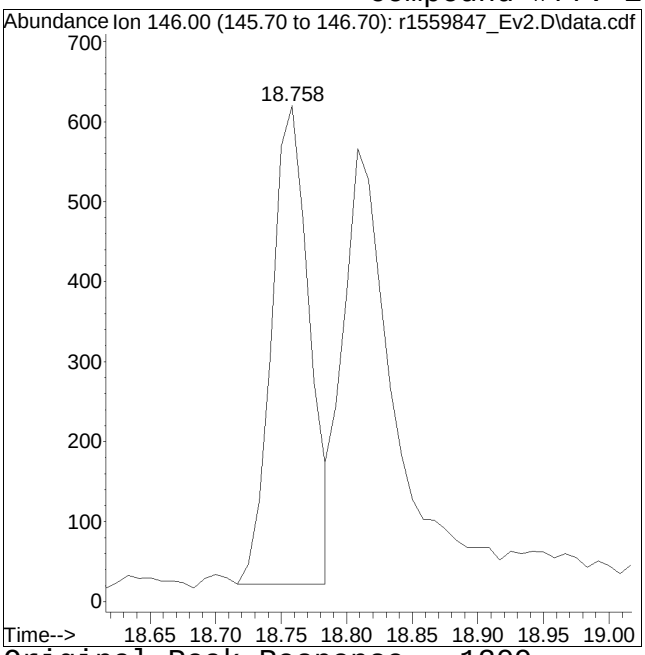
Manual Peak Response = 496 M1

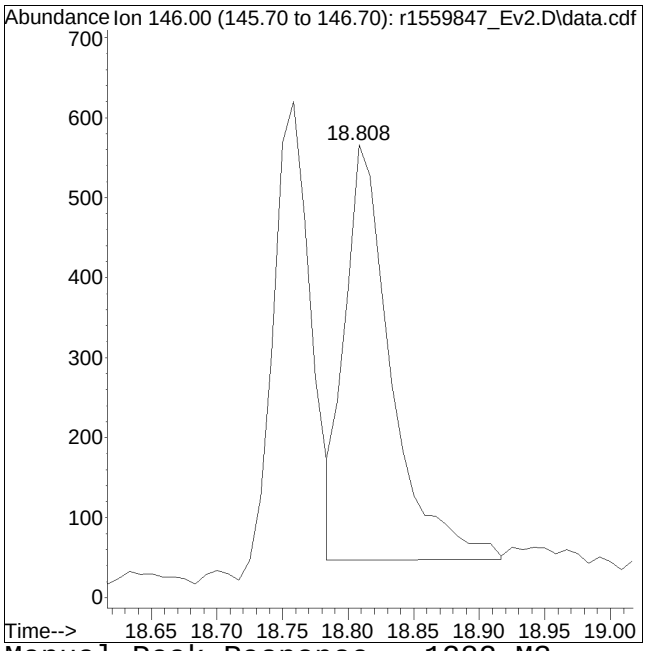
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #77: 1,4-dichlorobenzene





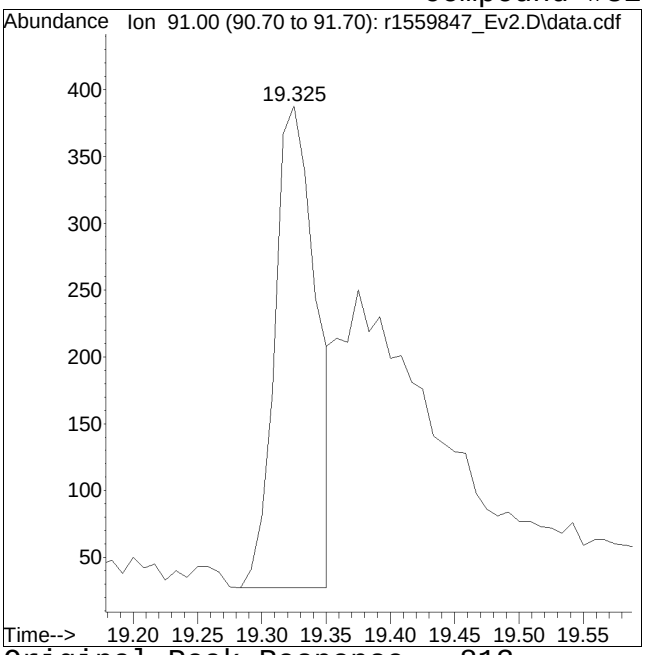
Original Peak Response = 1209 Manual Peak Response = 1282 M3

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.

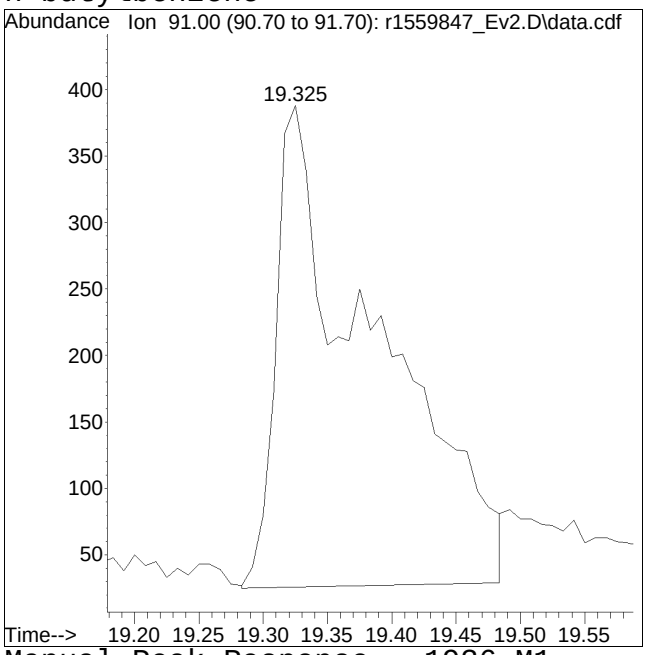
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559847_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 5:45 PM Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 3/21/2026 12:04 pm

Compound #82: n-butylbenzene



Original Peak Response = 813



Manual Peak Response = 1936 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\Airlab15\2026\03\0320SIM_I\
Data File : r1559848_Ev2.D
Acq On : 20 Mar 2026 6:21 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:55 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.267	49	363216	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 97.23%			
34) 1,4-difluorobenzene	11.497	114	920614	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 94.84%			
52) chlorobenzene-D5	16.158	54	168113	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 96.75%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.250	65	101	0.005	ppbV	0.12
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.05%#			
54) toluene-D8	14.325	98	108	0.001	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.01%#			
68) bromofluorobenzene	17.558	95	373	0.007	ppbV	0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.07%#			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.982	51	14928	0.550	ppbV	99
3) propylene	4.066	41	3033M6	0.152	ppbV	
4) dichlorodifluoromethane	4.138	85	2391	0.053	ppbV	99
5) chloromethane	4.306	50	1031	0.054	ppbV #	70
6) Freon-114	4.414	85	2460	0.053	ppbV	96
7) vinyl chloride	4.540	62	1133	0.051	ppbV	97
8) 1,3-butadiene	4.690	54	887	0.056	ppbV	89
9) bromomethane	4.978	94	982	0.055	ppbV	87
10) chloroethane	5.164	64	563	0.054	ppbV #	85
11) ethanol	5.314	31	4580	0.346	ppbV	98
12) vinyl bromide	5.553	106	795	0.054	ppbV	96
13) acrolein	5.700	56	599M1	0.061	ppbV	
14) acetone	5.847	43	6336	0.225	ppbV #	90
15) trichlorofluoromethane	6.010	101	1775M1	0.045	ppbV	
16) isopropyl alcohol	6.127	45	4043	0.117	ppbV #	92
17) acrylonitrile	6.353	53	1035M1	0.047	ppbV	
18) 1,1-dichloroethene	6.714	61	1722	0.050	ppbV	95
19) tertiary butyl alcohol	6.798	59	2290	0.054	ppbV	93
20) methylene chloride	6.852	49	2489	0.082	ppbV	98
21) 3-chloropropene	6.984	41	1411	0.048	ppbV #	86
22) carbon disulfide	7.164	76	2789	0.049	ppbV #	1
23) Freon 113	7.158	101	2258	0.053	ppbV	98
24) trans-1,2-dichloroethene	7.908	61	1490	0.050	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559848_Ev2.D
Acq On : 20 Mar 2026 6:21 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:55 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.125	63	2195	0.051	ppbV		98
26) MTBE	8.233	73	2457	0.050	ppbV	#	94
27) vinyl acetate	8.333	43	1901	0.052	ppbV	#	90
28) 2-butanone	8.617	43	2476	0.051	ppbV	#	96
29) cis-1,2-dichloroethene	9.083	61	1548	0.046	ppbV		93
30) Ethyl Acetate	9.383	61	357	0.046	ppbV	#	11
31) chloroform	9.425	83	2457	0.054	ppbV	#	97
32) Tetrahydrofuran	9.908	42	1212	0.050	ppbV		92
33) 1,2-dichloroethane	10.258	62	1369	0.051	ppbV	#	84
35) hexane	9.333	57	2347	0.057	ppbV	#	31
37) 1,1,1-trichloroethane	10.550	97	1828	0.048	ppbV		98
38) benzene	11.077	78	4737	0.055	ppbV		98
39) carbon tetrachloride	11.250	117	1631	0.049	ppbV		88
40) cyclohexane	11.390	56	2155	0.049	ppbV		96
41) Dibromomethane	11.990	93	1501	0.059	ppbV	#	98
42) 1,2-dichloropropane	12.030	63	1547	0.052	ppbV	#	92
43) bromodichloromethane	12.250	83	1867	0.048	ppbV	#	97
44) 1,4-dioxane	12.343	88	570	0.035	ppbV	#	51
45) trichloroethene	12.303	130	1586	0.045	ppbV		96
46) 2,2,4-trimethylpentane	12.350	57	6672	0.051	ppbV	#	89
47) heptane	12.663	43	2195	0.046	ppbV	#	96
48) cis-1,3-dichloropropene	13.317	75	1575	0.043	ppbV	#	79
49) 4-methyl-2-pentanone	13.400	43	1825	0.034	ppbV	#	93
50) trans-1,3-dichloropropene	13.942	75	882	0.035	ppbV	#	80
51) 1,1,2-trichloroethane	14.125	97	1535	0.050	ppbV		96
53) toluene	14.433	91	4154	0.042	ppbV		99
55) 2-hexanone	14.783	43	1270M3	0.025	ppbV		
56) dibromochloromethane	14.867	129	1657	0.044	ppbV	#	95
57) 1,2-dibromoethane	15.117	107	2023	0.045	ppbV		99
58) tetrachloroethene	15.567	166	1759	0.046	ppbV		90
59) 1,1,1,2-tetrachloroethane	16.192	131	1595	0.048	ppbV		92
60) chlorobenzene	16.208	112	4062	0.050	ppbV		96
61) ethylbenzene	16.558	91	5514	0.042	ppbV		99
62) m+p-xylene	16.725	91	8882	0.084	ppbV		100
63) bromoform	16.792	173	1187	0.040	ppbV		95
64) styrene	17.050	104	2822	0.035	ppbV		96
65) 1,1,2,2-tetrachloroethane	17.142	83	3430	0.045	ppbV		99
66) o-xylene	17.142	91	4313	0.041	ppbV		100
67) 1,2,3-Trichloropropane	17.258	75	2650	0.047	ppbV		98
69) isopropylbenzene	17.650	105	5445	0.040	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559848_Ev2.D
Acq On : 20 Mar 2026 6:21 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:55 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

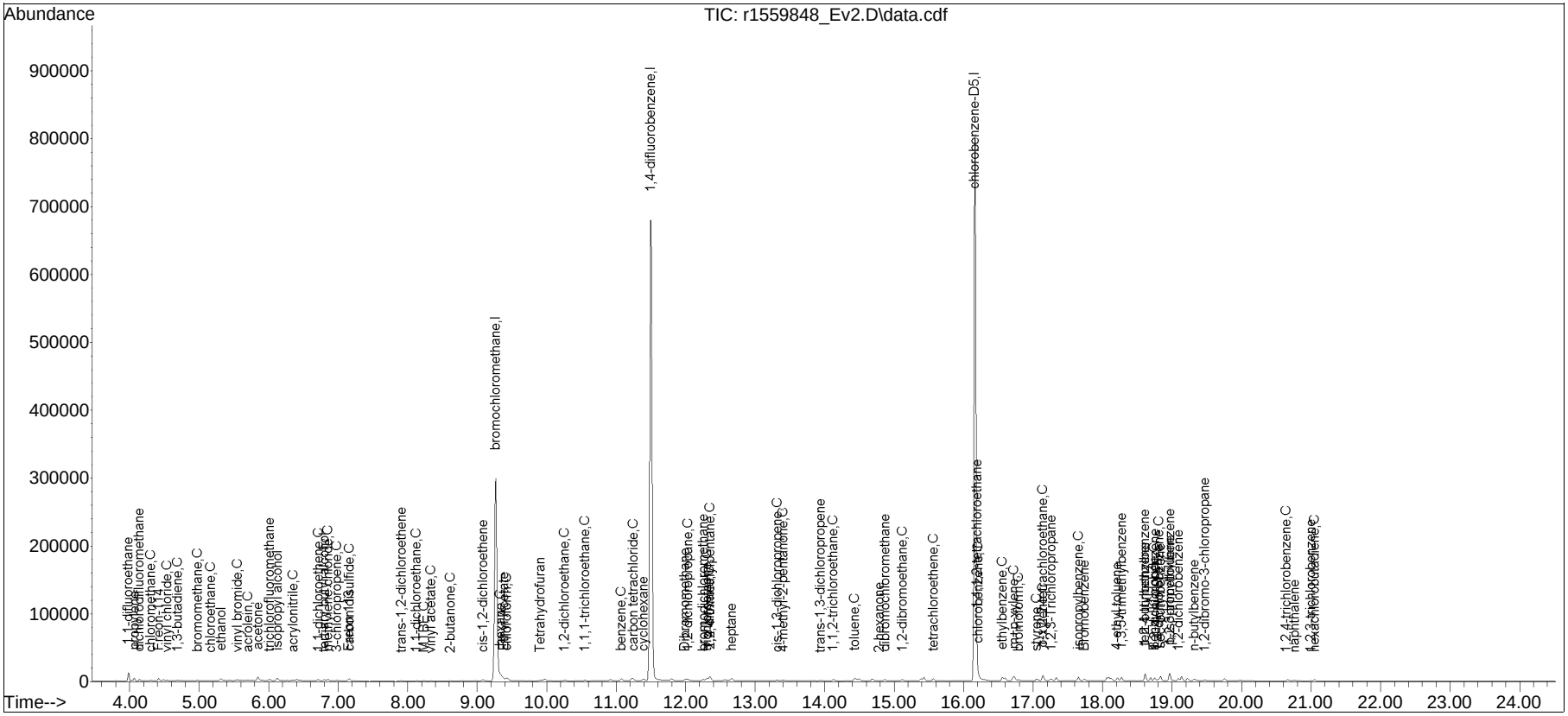
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.733	77	3039	0.040	ppbV		100
71) 4-ethyl toluene	18.208	105	4347	0.034	ppbV	#	95
72) 1,3,5-trimethylbenzene	18.275	105	4557	0.039	ppbV	#	98
73) tert-butylbenzene	18.608	119	4814	0.039	ppbV		96
74) 1,2,4-trimethylbenzene	18.608	105	4339	0.036	ppbV		90
75) Benzyl Chloride	18.742	91	1864	0.027	ppbV		93
76) 1,3-dichlorobenzene	18.750	146	3083	0.037	ppbV		97
77) 1,4-dichlorobenzene	18.808	146	3062	0.037	ppbV		96
78) sec-butylbenzene	18.833	105	6816	0.039	ppbV		96
79) 1,2,3-trimethylbenzene	18.967	105	4880	0.039	ppbV		99
80) p-isopropyltoluene	18.967	119	5782	0.038	ppbV		97
81) 1,2-dichlorobenzene	19.092	146	3263	0.041	ppbV		99
82) n-butylbenzene	19.317	91	4956	0.036	ppbV		99
83) 1,2-dibromo-3-chloropr...	19.467	75	1006	0.033	ppbV	#	89
84) 1,2,4-trichlorobenzene	20.642	180	1371	0.026	ppbV	#	85
85) naphthalene	20.758	128	4320	0.027	ppbV	#	89
86) 1,2,3-trichlorobenzene	21.000	180	1681	0.034	ppbV		94
87) hexachlorobutadiene	21.050	225	1947	0.043	ppbV	#	92

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559848_Ev2.D
Acq On : 20 Mar 2026 6:21 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:04:55 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

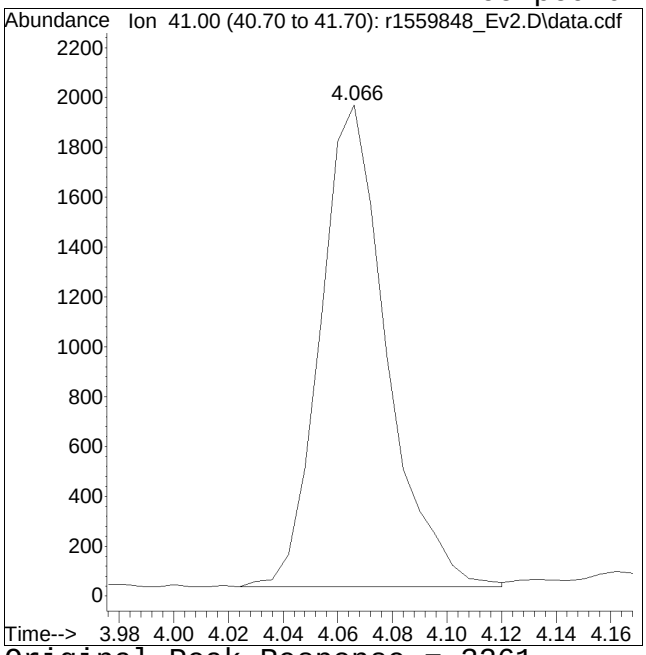


Manual Integration Report

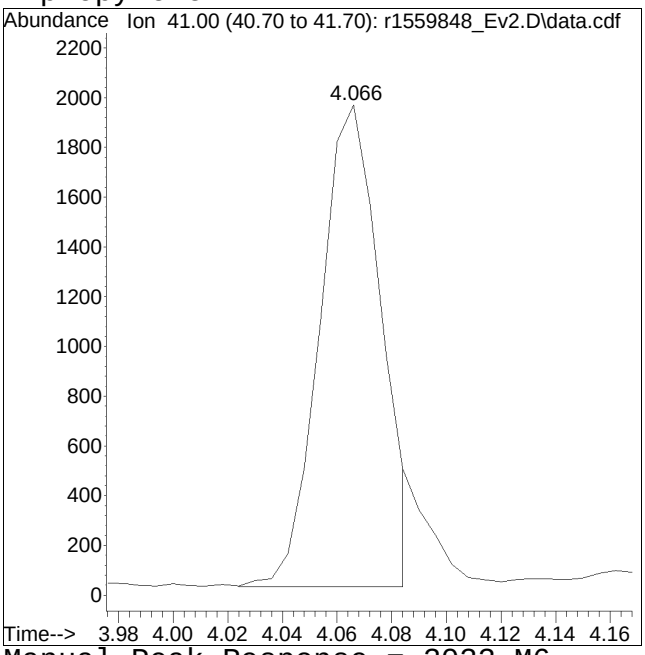
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1559848_Ev2.D
Date Inj'd : 3/20/2026 6:21 PM
Sample : ITO15-SIMSTD0.05

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/21/2026 12:04 pm

Compound #3: propylene



Original Peak Response = 3261



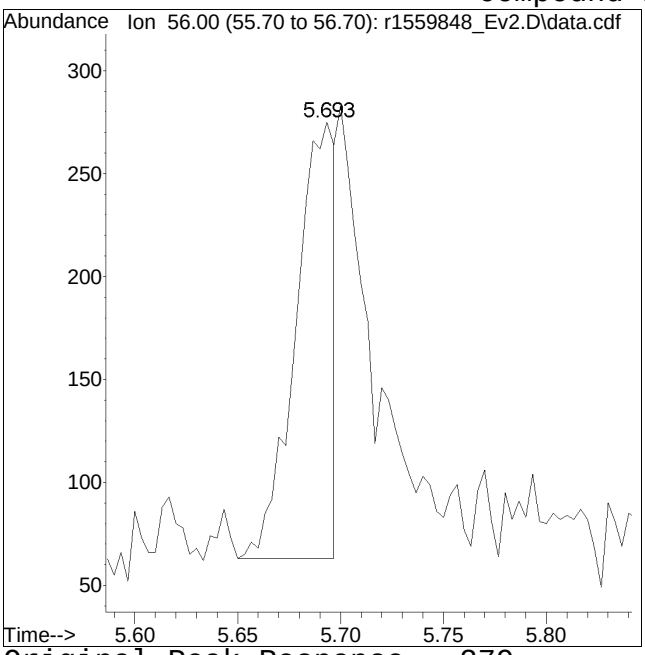
Manual Peak Response = 3033 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

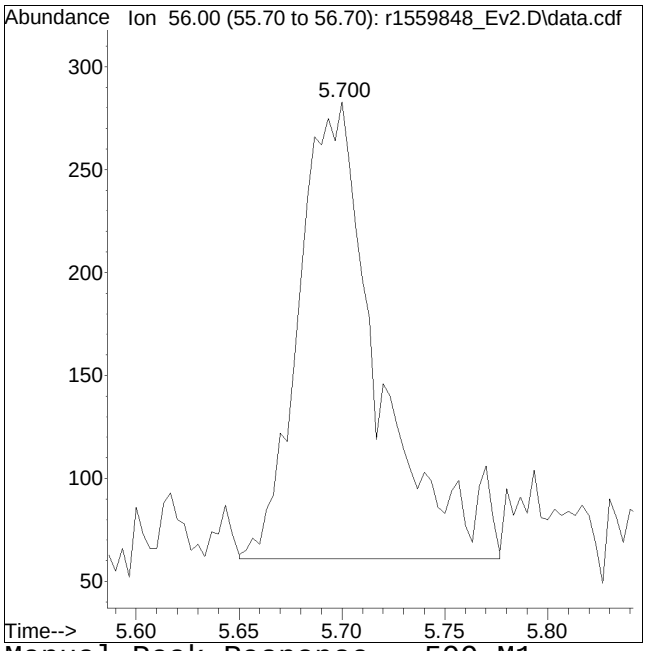
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559848_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 6:21 PM Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 3/21/2026 12:04 pm

Compound #13: acrolein



Original Peak Response = 279



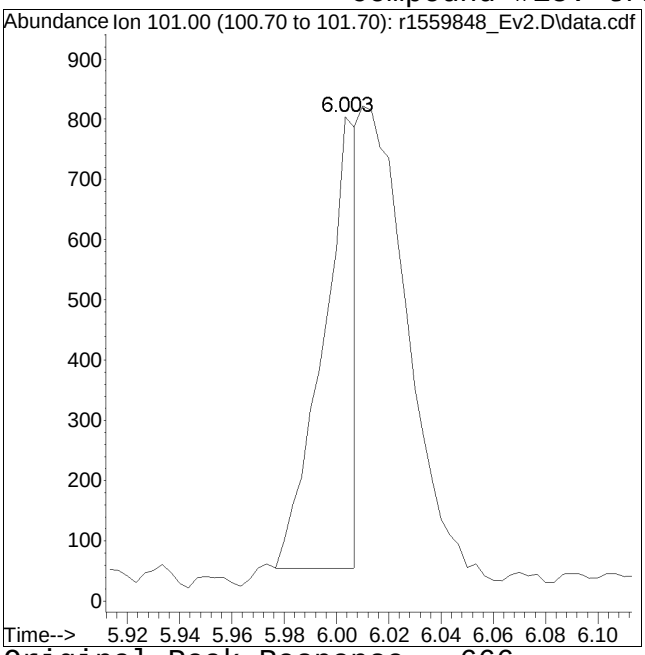
Manual Peak Response = 599 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

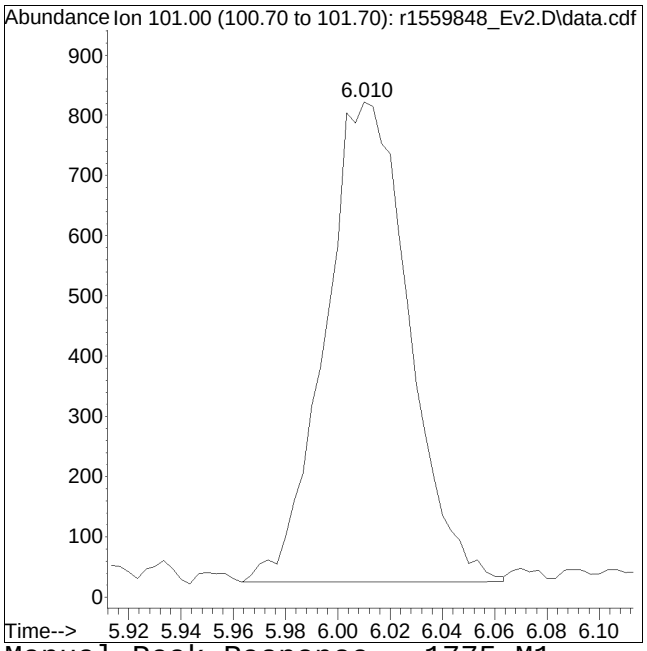
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559848_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 6:21 PM Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 3/21/2026 12:04 pm

Compound #15: trichlorofluoromethane



Original Peak Response = 666



Manual Peak Response = 1775 M1

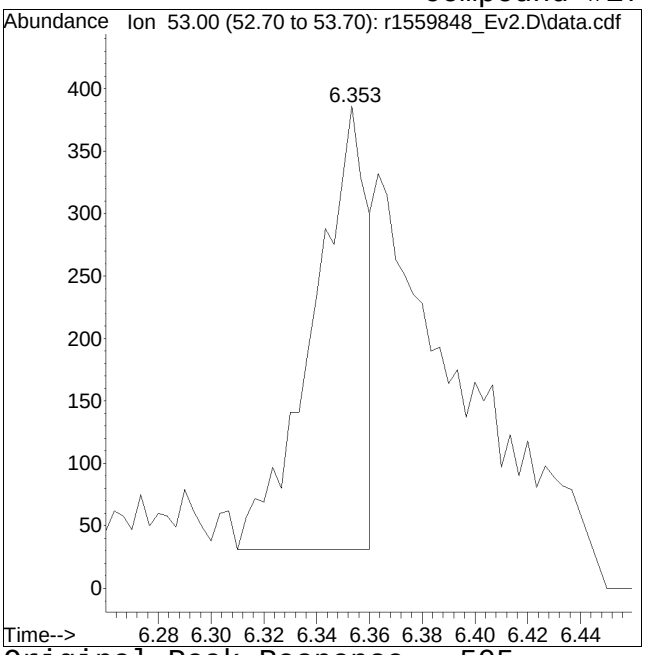
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

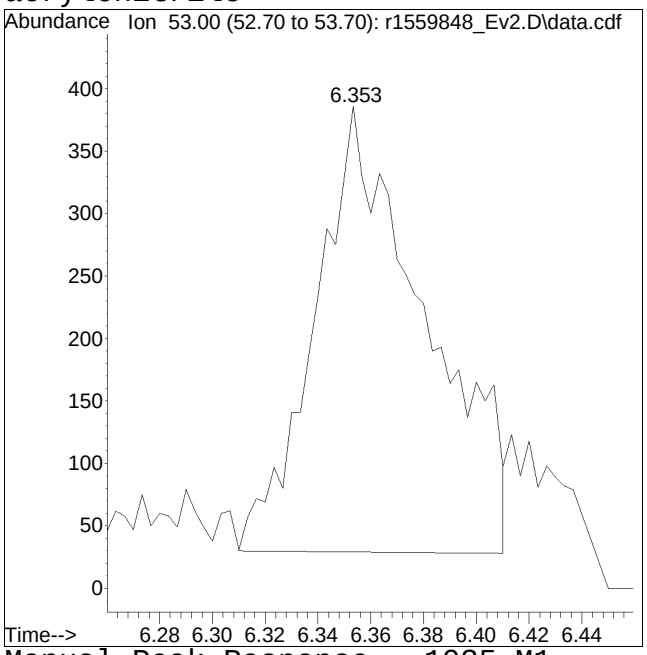
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1559848_Ev2.D
Date Inj'd : 3/20/2026 6:21 PM
Sample : ITO15-SIMSTD0.05

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/21/2026 12:04 pm

Compound #17: acrylonitrile



Original Peak Response = 505



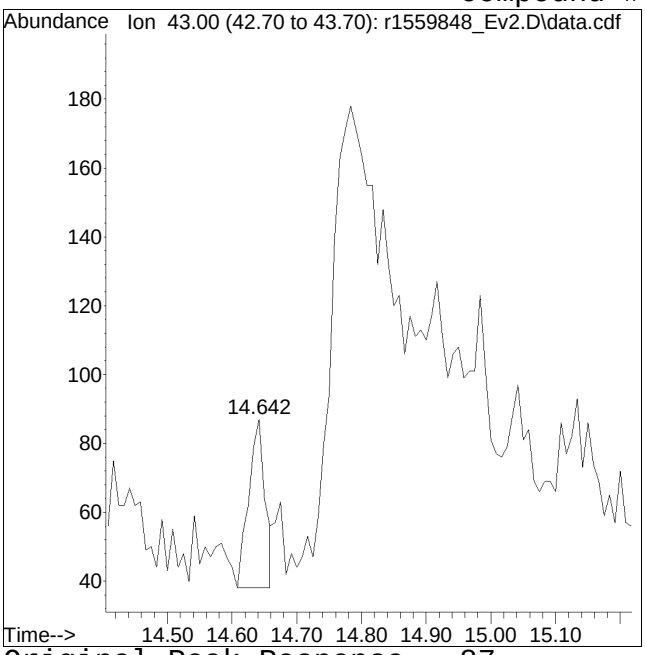
Manual Peak Response = 1035 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

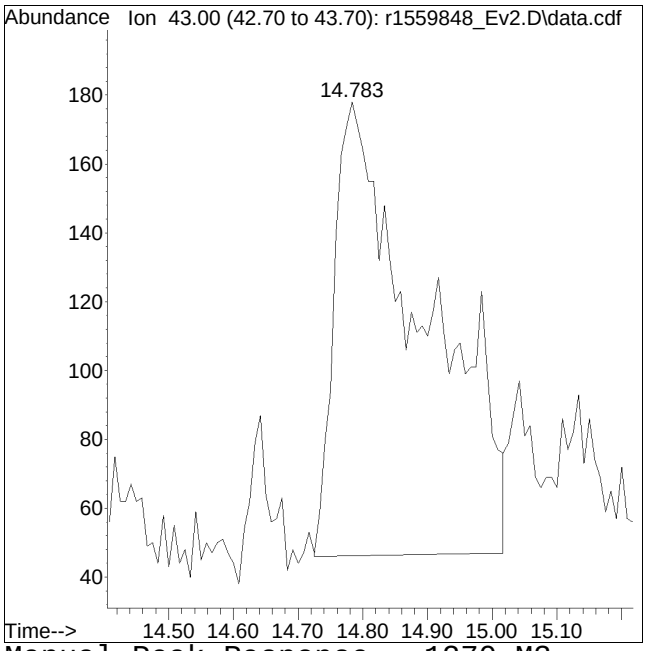
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559848_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 6:21 PM Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 3/21/2026 12:04 pm

Compound #55: 2-hexanone



Original Peak Response = 87



Manual Peak Response = 1270 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\Airlab15\2026\03\0320SIM_I\
Data File : r1559849_Ev2.D
Acq On : 20 Mar 2026 6:59 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:03 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.267	49	357389	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 95.67%			
34) 1,4-difluorobenzene	11.497	114	855222	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 88.10%			
52) chlorobenzene-D5	16.158	54	150136	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 86.41%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.258	65	226	0.011	ppbV	0.13
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.11%#			
54) toluene-D8	14.317	98	94	0.001	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.01%#			
68) bromofluorobenzene	17.550	95	466	0.010	ppbV	0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.10%#			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.988	51	28975	1.085	ppbV	100
3) propylene	4.066	41	4296M6	0.219	ppbV	
4) dichlorodifluoromethane	4.144	85	4631	0.105	ppbV	99
5) chloromethane	4.306	50	1986	0.106	ppbV #	87
6) Freon-114	4.420	85	4780	0.104	ppbV	96
7) vinyl chloride	4.540	62	2268	0.104	ppbV	96
8) 1,3-butadiene	4.690	54	1620	0.104	ppbV	90
9) bromomethane	4.978	94	1840	0.105	ppbV	94
10) chloroethane	5.170	64	1073	0.105	ppbV #	89
11) ethanol	5.314	31	8328	0.639	ppbV	98
12) vinyl bromide	5.550	106	1500	0.103	ppbV	100
13) acrolein	5.693	56	870	0.090	ppbV #	32
14) acetone	5.843	43	11940	0.431	ppbV #	87
15) trichlorofluoromethane	6.013	101	3372	0.086	ppbV	98
16) isopropyl alcohol	6.123	45	7543	0.222	ppbV #	92
17) acrylonitrile	6.353	53	2267M1	0.104	ppbV	
18) 1,1-dichloroethene	6.714	61	3344	0.099	ppbV	99
19) tertiary butyl alcohol	6.798	59	4374	0.105	ppbV	96
20) methylene chloride	6.852	49	3964	0.132	ppbV	99
21) 3-chloropropene	6.984	41	2750	0.096	ppbV	95
22) carbon disulfide	7.164	76	5421	0.096	ppbV #	40
23) Freon 113	7.158	101	4234	0.101	ppbV	99
24) trans-1,2-dichloroethene	7.908	61	2883	0.098	ppbV	93

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559849_Ev2.D
Acq On : 20 Mar 2026 6:59 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:03 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.125	63	4198	0.100	ppbV		97
26) MTBE	8.225	73	4690	0.098	ppbV		97
27) vinyl acetate	8.325	43	3959	0.111	ppbV		97
28) 2-butanone	8.608	43	4823	0.101	ppbV	#	95
29) cis-1,2-dichloroethene	9.083	61	3085	0.094	ppbV		91
30) Ethyl Acetate	9.375	61	671	0.088	ppbV	#	30
31) chloroform	9.417	83	4621	0.104	ppbV		93
32) Tetrahydrofuran	9.908	42	2489	0.105	ppbV		96
33) 1,2-dichloroethane	10.258	62	2743	0.104	ppbV		98
35) hexane	9.333	57	4465	0.117	ppbV	#	42
37) 1,1,1-trichloroethane	10.550	97	3525	0.100	ppbV		97
38) benzene	11.077	78	8939	0.112	ppbV		100
39) carbon tetrachloride	11.250	117	3124	0.101	ppbV		96
40) cyclohexane	11.397	56	4316	0.107	ppbV		94
41) Dibromomethane	11.990	93	2600	0.110	ppbV	#	95
42) 1,2-dichloropropane	12.023	63	2939	0.107	ppbV	#	94
43) bromodichloromethane	12.250	83	3631	0.100	ppbV		92
44) 1,4-dioxane	12.337	88	1423	0.093	ppbV	#	61
45) trichloroethene	12.303	130	3182	0.097	ppbV		93
46) 2,2,4-trimethylpentane	12.343	57	13523	0.111	ppbV		99
47) heptane	12.663	43	4519	0.103	ppbV		96
48) cis-1,3-dichloropropene	13.317	75	3034	0.090	ppbV		92
49) 4-methyl-2-pentanone	13.392	43	4333	0.086	ppbV		97
50) trans-1,3-dichloropropene	13.942	75	2076	0.090	ppbV	#	87
51) 1,1,2-trichloroethane	14.125	97	3109	0.108	ppbV		98
53) toluene	14.425	91	8678	0.098	ppbV		98
55) 2-hexanone	14.750	43	2061	0.046	ppbV		91
56) dibromochloromethane	14.867	129	3279	0.097	ppbV		97
57) 1,2-dibromoethane	15.117	107	4014	0.100	ppbV		100
58) tetrachloroethene	15.567	166	3645	0.106	ppbV		98
59) 1,1,1,2-tetrachloroethane	16.192	131	3052	0.103	ppbV		94
60) chlorobenzene	16.200	112	7927	0.109	ppbV		99
61) ethylbenzene	16.558	91	11354	0.098	ppbV		97
62) m+p-xylene	16.717	91	18041	0.192	ppbV		100
63) bromoform	16.792	173	2391	0.091	ppbV		98
64) styrene	17.050	104	6375	0.087	ppbV		96
65) 1,1,2,2-tetrachloroethane	17.142	83	6943	0.103	ppbV		99
66) o-xylene	17.142	91	9173	0.097	ppbV		99
67) 1,2,3-Trichloropropane	17.258	75	5327	0.105	ppbV		99
69) isopropylbenzene	17.650	105	11923	0.098	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559849_Ev2.D
Acq On : 20 Mar 2026 6:59 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:03 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

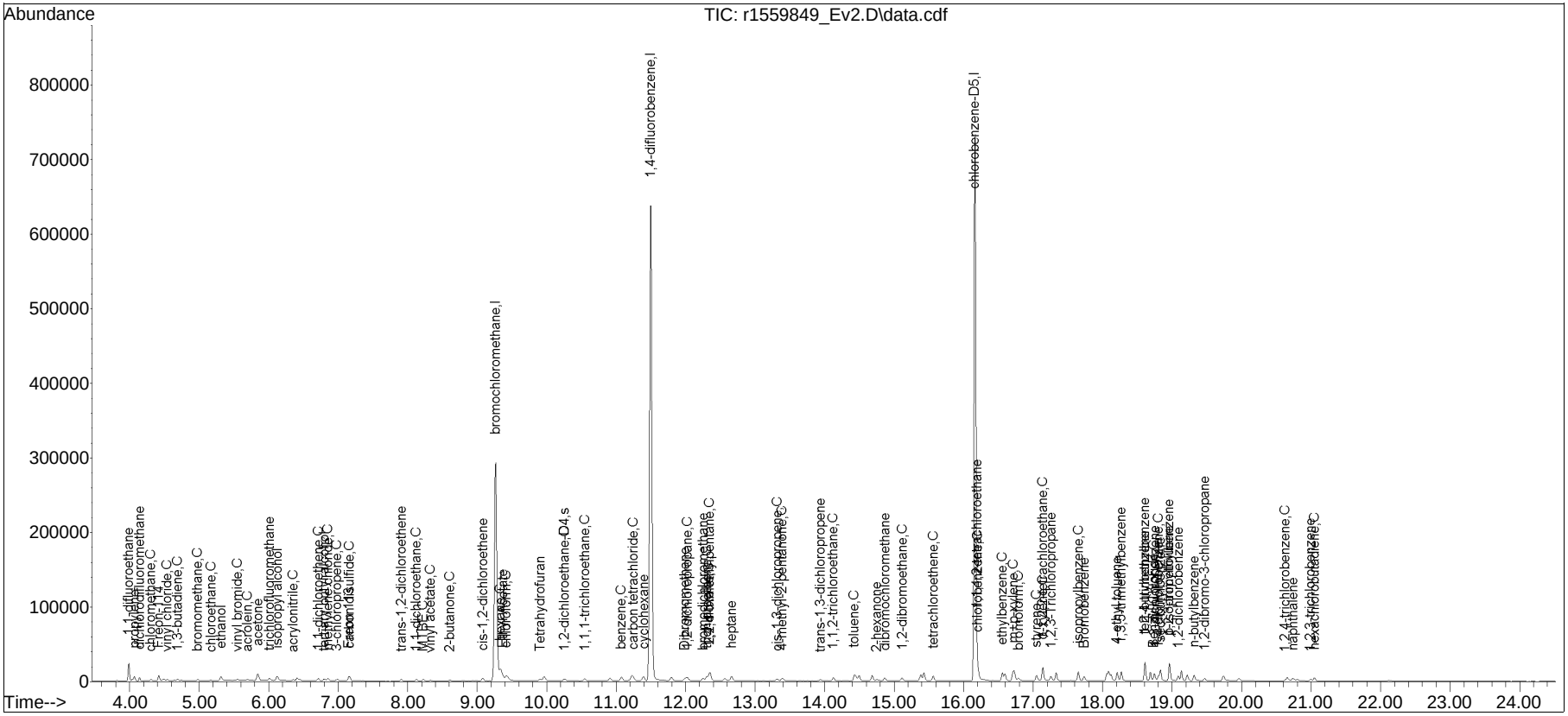
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.733	77	6775	0.099	ppbV		98
71) 4-ethyl toluene	18.208	105	10521	0.093	ppbV	#	94
72) 1,3,5-trimethylbenzene	18.267	105	9945	0.094	ppbV		99
73) tert-butylbenzene	18.608	119	10702	0.097	ppbV		100
74) 1,2,4-trimethylbenzene	18.608	105	10050	0.093	ppbV		95
75) Benzyl Chloride	18.733	91	4776	0.078	ppbV		97
76) 1,3-dichlorobenzene	18.750	146	6576	0.088	ppbV		95
77) 1,4-dichlorobenzene	18.800	146	7128	0.097	ppbV		98
78) sec-butylbenzene	18.833	105	15377	0.098	ppbV		99
79) 1,2,3-trimethylbenzene	18.958	105	9953	0.089	ppbV		99
80) p-isopropyltoluene	18.958	119	11936	0.087	ppbV		98
81) 1,2-dichlorobenzene	19.092	146	6663	0.094	ppbV		96
82) n-butylbenzene	19.317	91	10114	0.083	ppbV		96
83) 1,2-dibromo-3-chloropr...	19.467	75	2040	0.074	ppbV	#	87
84) 1,2,4-trichlorobenzene	20.625	180	3473	0.073	ppbV	#	93
85) naphthalene	20.742	128	10766	0.076	ppbV		98
86) 1,2,3-trichlorobenzene	20.992	180	3891	0.087	ppbV		95
87) hexachlorobutadiene	21.050	225	4153	0.103	ppbV		96

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559849_Ev2.D
Acq On : 20 Mar 2026 6:59 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:03 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

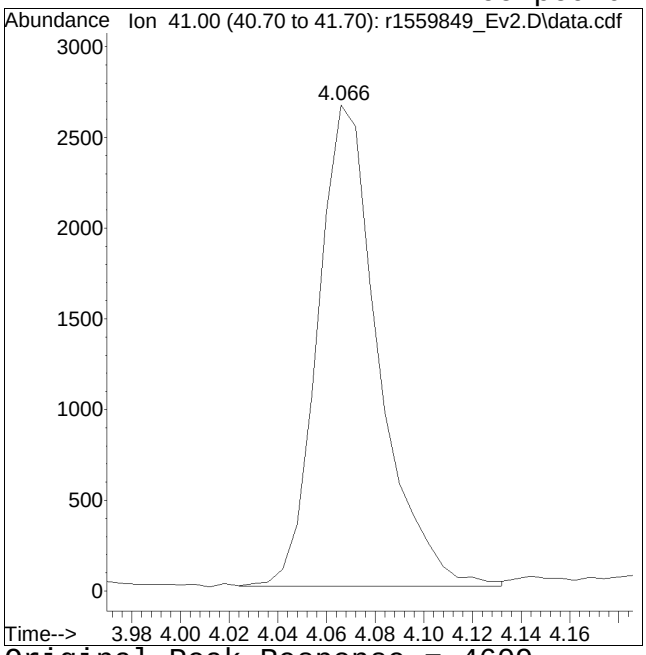


Manual Integration Report

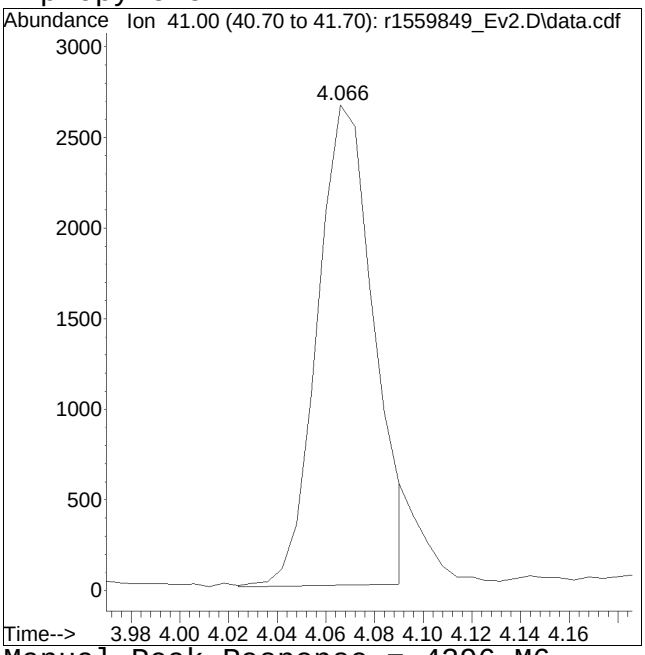
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1559849_Ev2.D
Date Inj'd : 3/20/2026 6:59 PM
Sample : ITO15-SIMSTD0.1

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 4609



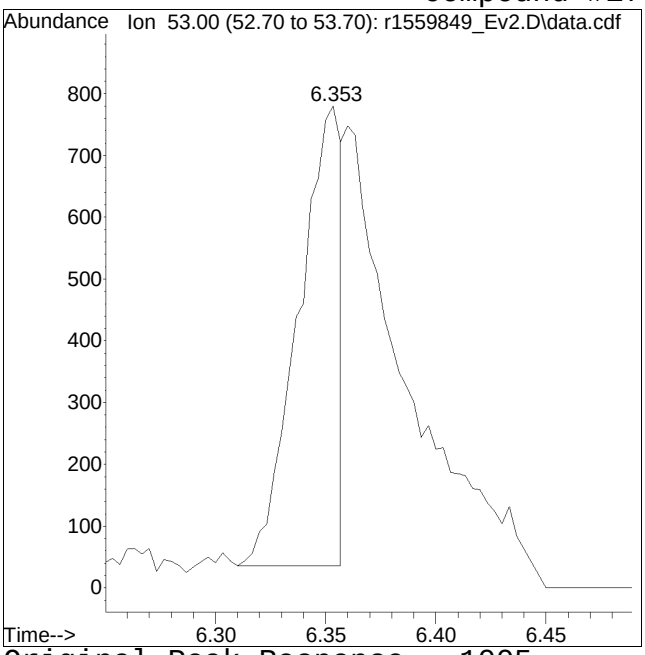
Manual Peak Response = 4296 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

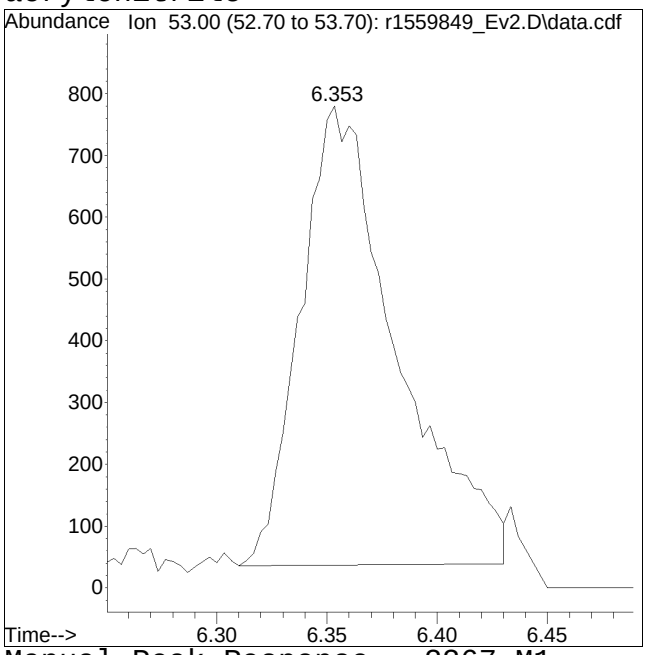
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559849_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 6:59 PM Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 3/21/2026 12:05 pm

Compound #17: acrylonitrile



Original Peak Response = 1005



Manual Peak Response = 2267 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\Airlab15\2026\03\0320SIM_I\
Data File : r1559850_Ev2.D
Acq On : 20 Mar 2026 7:37 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.2
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:11 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-NS - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	373719	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 100.05%			
34) 1,4-difluorobenzene	11.490	114	920551	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 94.83%			
52) chlorobenzene-D5	16.158	54	160520	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 92.38%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) propylene	4.060	41	6724M6	0.328	ppbV	
4) dichlorodifluoromethane	4.138	85	9896	0.214	ppbV	100
5) chloromethane	4.306	50	4267	0.218	ppbV	97
6) Freon-114	4.414	85	10448	0.217	ppbV	99
7) vinyl chloride	4.534	62	4895	0.214	ppbV	96
8) 1,3-butadiene	4.684	54	3614	0.222	ppbV	98
9) bromomethane	4.972	94	3936	0.215	ppbV	100
10) chloroethane	5.164	64	2377	0.222	ppbV	95
11) ethanol	5.302	31	18683	1.370	ppbV	99
12) vinyl bromide	5.550	106	3352	0.221	ppbV	98
13) acrolein	5.680	56	1983	0.196	ppbV #	85
14) acetone	5.827	43	24305	0.839	ppbV #	90
15) trichlorofluoromethane	6.007	101	7690	0.189	ppbV	97
16) isopropyl alcohol	6.107	45	14204	0.400	ppbV #	97
17) acrylonitrile	6.343	53	3299M4	0.145	ppbV	
18) 1,1-dichloroethene	6.702	61	7286	0.206	ppbV	99
19) tertiary butyl alcohol	6.780	59	8991	0.207	ppbV #	98
20) methylene chloride	6.846	49	7553	0.241	ppbV	99
21) 3-chloropropene	6.978	41	6172	0.205	ppbV	98
22) carbon disulfide	7.158	76	11979	0.202	ppbV #	65
23) Freon 113	7.152	101	9474	0.216	ppbV	99
24) trans-1,2-dichloroethene	7.900	61	6716	0.218	ppbV	96
25) 1,1-dichloroethane	8.125	63	9180	0.209	ppbV	97
26) MTBE	8.208	73	10801	0.215	ppbV	98
27) vinyl acetate	8.317	43	7594	0.204	ppbV	98
28) 2-butanone	8.592	43	10006	0.201	ppbV	99
29) cis-1,2-dichloroethene	9.075	61	6862	0.200	ppbV	94
30) Ethyl Acetate	9.358	61	1642	0.206	ppbV #	41
31) chloroform	9.417	83	9750	0.210	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559850_Ev2.D
Acq On : 20 Mar 2026 7:37 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.2
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:11 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-NS - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) Tetrahydrofuran	9.883	42	5089	0.205	ppbV		97
33) 1,2-dichloroethane	10.250	62	5740	0.209	ppbV		94
35) hexane	9.325	57	9324	0.227	ppbV	#	51
37) 1,1,1-trichloroethane	10.542	97	7519	0.199	ppbV		95
38) benzene	11.070	78	19618	0.228	ppbV		97
39) carbon tetrachloride	11.243	117	6998	0.209	ppbV		91
40) cyclohexane	11.390	56	9906	0.228	ppbV		98
41) Dibromomethane	11.983	93	5735	0.226	ppbV	#	98
42) 1,2-dichloropropane	12.017	63	6274	0.213	ppbV		96
43) bromodichloromethane	12.243	83	8285	0.212	ppbV		98
44) 1,4-dioxane	12.310	88	3546	0.216	ppbV		87
45) trichloroethene	12.297	130	7563	0.214	ppbV		99
46) 2,2,4-trimethylpentane	12.343	57	29620	0.225	ppbV		97
47) heptane	12.657	43	10452	0.221	ppbV		98
48) cis-1,3-dichloropropene	13.308	75	7349	0.203	ppbV		99
49) 4-methyl-2-pentanone	13.367	43	10618	0.197	ppbV		99
50) trans-1,3-dichloropropene	13.933	75	4859	0.195	ppbV		92
51) 1,1,2-trichloroethane	14.125	97	6631	0.215	ppbV		98
53) toluene	14.425	91	20882	0.220	ppbV		97
55) 2-hexanone	14.725	43	9011	0.187	ppbV		90
56) dibromochloromethane	14.858	129	7214	0.200	ppbV		98
57) 1,2-dibromoethane	15.108	107	9041	0.210	ppbV		96
58) tetrachloroethene	15.558	166	8313	0.226	ppbV		97
59) 1,1,1,2-tetrachloroethane	16.192	131	6538	0.206	ppbV		99
60) chlorobenzene	16.200	112	17229	0.221	ppbV		99
61) ethylbenzene	16.550	91	24742	0.200	ppbV		98
62) m+p-xylene	16.717	91	39702	0.395	ppbV		100
63) bromoform	16.783	173	5297	0.189	ppbV		99
64) styrene	17.042	104	14636	0.188	ppbV		98
65) 1,1,2,2-tetrachloroethane	17.133	83	15655	0.216	ppbV		100
66) o-xylene	17.133	91	20360	0.200	ppbV		99
67) 1,2,3-Trichloropropane	17.250	75	11947	0.220	ppbV		98
69) isopropylbenzene	17.642	105	28012	0.215	ppbV		99
70) Bromobenzene	17.725	77	16048	0.220	ppbV		100
71) 4-ethyl toluene	18.200	105	23697	0.197	ppbV	#	97
72) 1,3,5-trimethylbenzene	18.267	105	23070	0.205	ppbV		100
73) tert-butylbenzene	18.600	119	22937	0.195	ppbV		99
74) 1,2,4-trimethylbenzene	18.608	105	21901	0.189	ppbV		98
75) Benzyl Chloride	18.725	91	10696	0.164	ppbV		95
76) 1,3-dichlorobenzene	18.742	146	14543	0.182	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559850_Ev2.D
Acq On : 20 Mar 2026 7:37 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.2
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:11 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-NS - All compounds listed

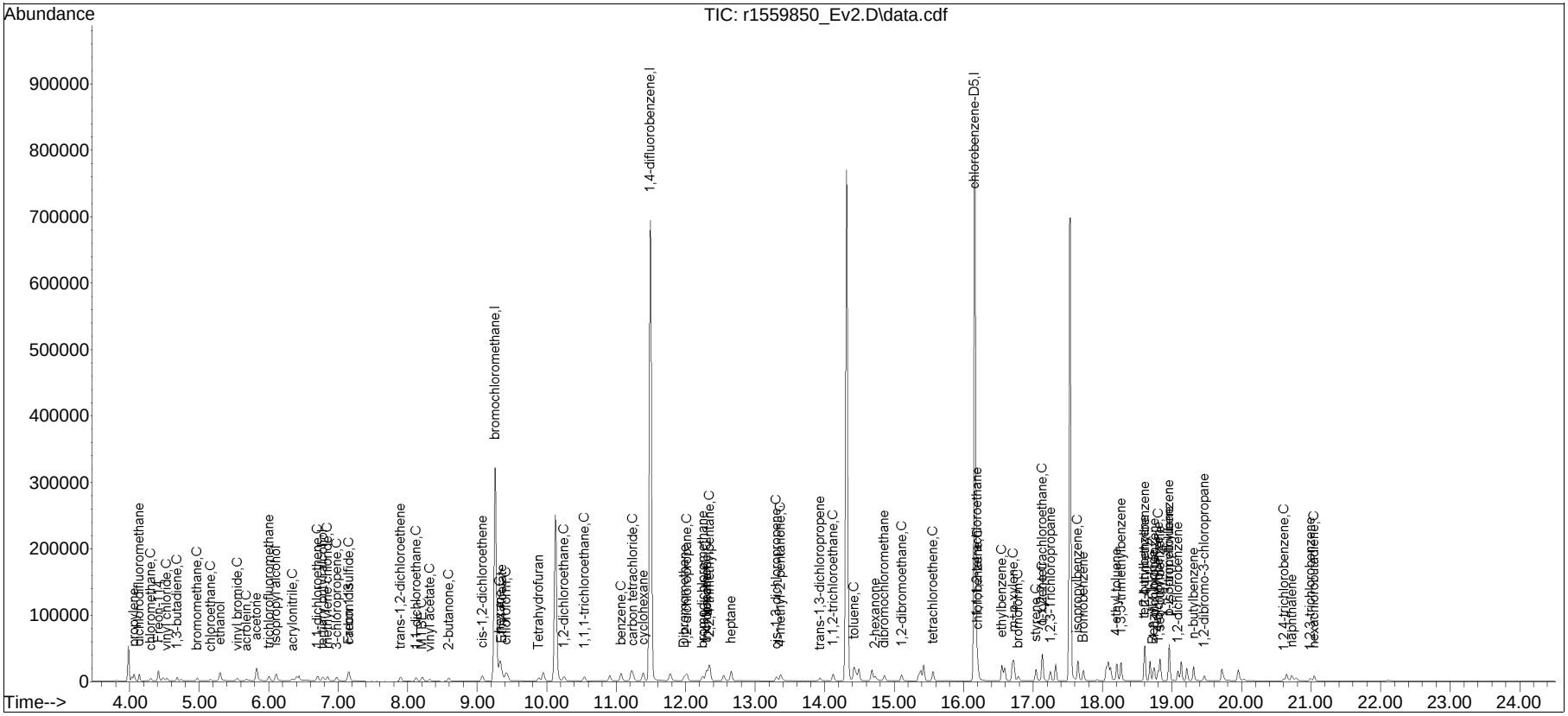
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) 1,4-dichlorobenzene	18.800	146	15159	0.193	ppbV		96
78) sec-butylbenzene	18.825	105	33742	0.202	ppbV		97
79) 1,2,3-trimethylbenzene	18.958	105	21336	0.179	ppbV		97
80) p-isopropyltoluene	18.958	119	26166	0.179	ppbV		95
81) 1,2-dichlorobenzene	19.083	146	14514	0.192	ppbV		99
82) n-butylbenzene	19.308	91	23586	0.181	ppbV		98
83) 1,2-dibromo-3-chloropr...	19.458	75	4674	0.159	ppbV		91
84) 1,2,4-trichlorobenzene	20.608	180	6382	0.126	ppbV		97
85) naphthalene	20.725	128	19463	0.129	ppbV		99
86) 1,2,3-trichlorobenzene	20.992	180	6260	0.131	ppbV		98
87) hexachlorobutadiene	21.042	225	6839	0.158	ppbV	#	93

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

Sub List : Default-NS - All compounds listed320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559850_Ev2.D
Acq On : 20 Mar 2026 7:37 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.2
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

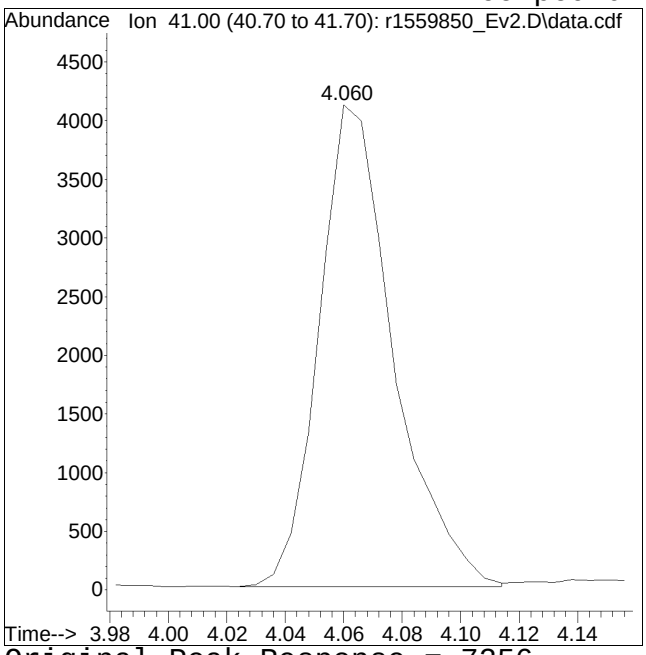
Quant Time: Mar 21 12:05:11 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration



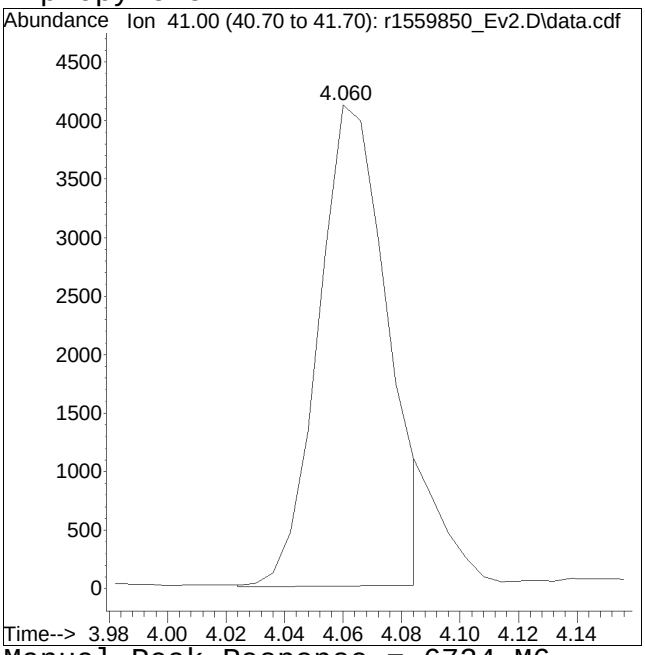
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559850_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 7:37 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 7256



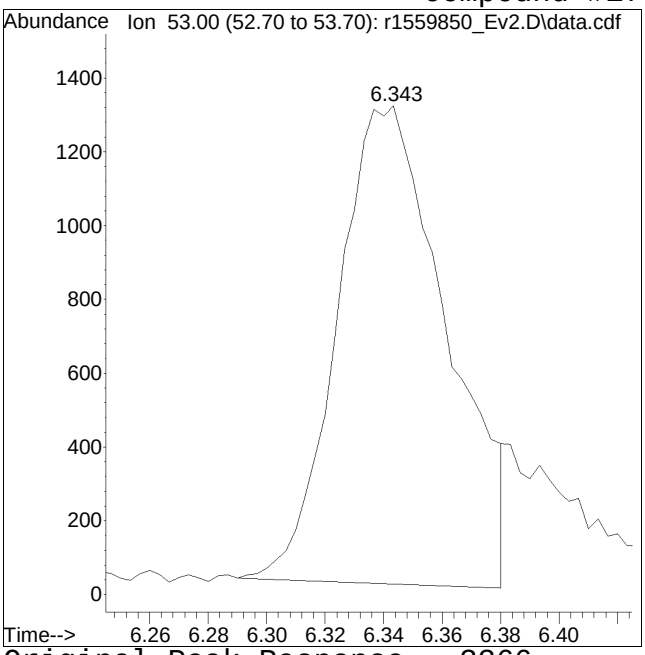
Manual Peak Response = 6724 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

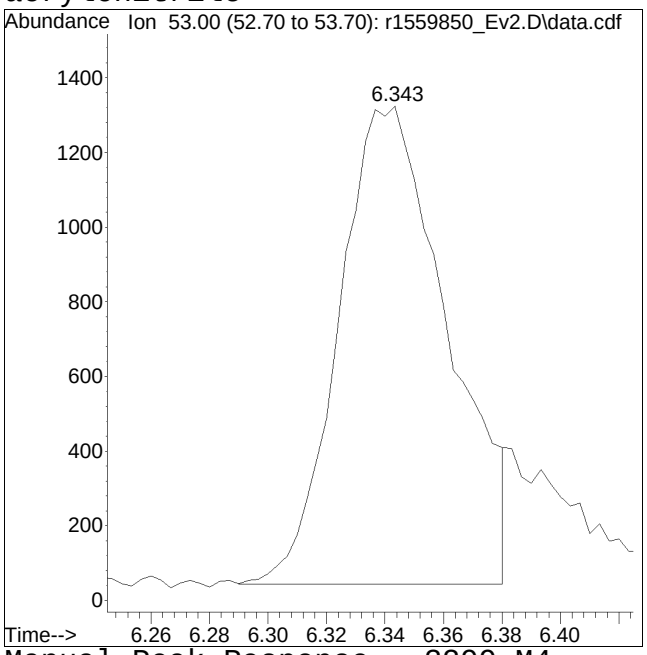
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559850_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 7:37 PM Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 3/21/2026 12:05 pm

Compound #17: acrylonitrile



Original Peak Response = 3366



Manual Peak Response = 3299 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559851_Ev2.D
Acq On : 20 Mar 2026 8:15 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.5
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:19 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-NS - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	381398	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 102.10%			
34) 1,4-difluorobenzene	11.497	114	1062295	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 109.44%			
52) chlorobenzene-D5	16.158	54	190580	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 109.68%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) propylene	4.060	41	12740M6	0.610	ppbV	
4) dichlorodifluoromethane	4.132	85	23242	0.493	ppbV	99
5) chloromethane	4.300	50	9846	0.492	ppbV	99
6) Freon-114	4.408	85	24313	0.495	ppbV	99
7) vinyl chloride	4.534	62	11235	0.481	ppbV	98
8) 1,3-butadiene	4.684	54	8651	0.520	ppbV	100
9) bromomethane	4.972	94	9003	0.481	ppbV	99
10) chloroethane	5.164	64	5307	0.486	ppbV	99
11) ethanol	5.296	31	37461	2.691	ppbV	100
12) vinyl bromide	5.543	106	7877	0.508	ppbV	99
13) acrolein	5.677	56	4654	0.451	ppbV	95
14) acetone	5.820	43	55543	1.880	ppbV #	89
15) trichlorofluoromethane	6.007	101	17430	0.419	ppbV	99
16) isopropyl alcohol	6.100	45	33188	0.917	ppbV #	97
17) acrylonitrile	6.337	53	8217	0.354	ppbV	98
18) 1,1-dichloroethene	6.702	61	17104	0.474	ppbV	99
19) tertiary butyl alcohol	6.774	59	20372	0.459	ppbV	97
20) methylene chloride	6.846	49	16263	0.509	ppbV	98
21) 3-chloropropene	6.978	41	14597	0.476	ppbV	99
22) carbon disulfide	7.152	76	27967	0.463	ppbV #	87
23) Freon 113	7.152	101	21874	0.490	ppbV	99
24) trans-1,2-dichloroethene	7.900	61	15579	0.496	ppbV	96
25) 1,1-dichloroethane	8.125	63	21408	0.478	ppbV	99
26) MTBE	8.208	73	25077	0.490	ppbV	99
27) vinyl acetate	8.317	43	19373	0.509	ppbV	98
28) 2-butanone	8.583	43	25312	0.498	ppbV	99
29) cis-1,2-dichloroethene	9.075	61	16077	0.460	ppbV	97
30) Ethyl Acetate	9.358	61	3702	0.455	ppbV #	40
31) chloroform	9.417	83	22709	0.479	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559851_Ev2.D
Acq On : 20 Mar 2026 8:15 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.5
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:19 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-NS - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) Tetrahydrofuran	9.875	42	12044	0.475	ppbV		98
33) 1,2-dichloroethane	10.250	62	13595	0.485	ppbV		98
35) hexane	9.325	57	21853	0.462	ppbV	#	60
37) 1,1,1-trichloroethane	10.542	97	17634	0.405	ppbV		96
38) benzene	11.077	78	44370	0.446	ppbV		100
39) carbon tetrachloride	11.250	117	15889	0.412	ppbV		95
40) cyclohexane	11.390	56	22605	0.450	ppbV		98
41) Dibromomethane	11.983	93	13486	0.461	ppbV	#	99
42) 1,2-dichloropropane	12.017	63	15029	0.441	ppbV		97
43) bromodichloromethane	12.243	83	19525	0.433	ppbV		100
44) 1,4-dioxane	12.303	88	8269	0.437	ppbV		93
45) trichloroethene	12.297	130	17265	0.424	ppbV		99
46) 2,2,4-trimethylpentane	12.343	57	70747	0.466	ppbV		96
47) heptane	12.650	43	24589	0.451	ppbV		97
48) cis-1,3-dichloropropene	13.308	75	16560	0.396	ppbV		98
49) 4-methyl-2-pentanone	13.358	43	25857	0.415	ppbV		99
50) trans-1,3-dichloropropene	13.925	75	11316	0.394	ppbV		94
51) 1,1,2-trichloroethane	14.117	97	15612	0.438	ppbV		93
53) toluene	14.425	91	49003	0.435	ppbV		99
55) 2-hexanone	14.708	43	21852	0.381	ppbV		91
56) dibromochloromethane	14.858	129	17619	0.411	ppbV		99
57) 1,2-dibromoethane	15.108	107	22338	0.437	ppbV		98
58) tetrachloroethene	15.558	166	19603	0.448	ppbV		100
59) 1,1,1,2-tetrachloroethane	16.183	131	16006	0.425	ppbV		97
60) chlorobenzene	16.200	112	40932	0.443	ppbV		98
61) ethylbenzene	16.550	91	59778	0.406	ppbV		98
62) m+p-xylene	16.708	91	98592	0.826	ppbV		98
63) bromoform	16.783	173	12917	0.388	ppbV		98
64) styrene	17.033	104	36070	0.389	ppbV		98
65) 1,1,2,2-tetrachloroethane	17.133	83	37252	0.433	ppbV		99
66) o-xylene	17.125	91	49970	0.414	ppbV		99
67) 1,2,3-Trichloropropane	17.242	75	28798	0.447	ppbV		99
69) isopropylbenzene	17.642	105	67644	0.438	ppbV		99
70) Bromobenzene	17.717	77	38922	0.450	ppbV		98
71) 4-ethyl toluene	18.200	105	61470	0.430	ppbV		99
72) 1,3,5-trimethylbenzene	18.258	105	56135	0.419	ppbV		97
73) tert-butylbenzene	18.600	119	58401	0.418	ppbV		100
74) 1,2,4-trimethylbenzene	18.600	105	55995	0.408	ppbV		97
75) Benzyl Chloride	18.725	91	28276	0.365	ppbV		97
76) 1,3-dichlorobenzene	18.742	146	39072	0.411	ppbV		94

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559851_Ev2.D
Acq On : 20 Mar 2026 8:15 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.5
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:19 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-NS - All compounds listed

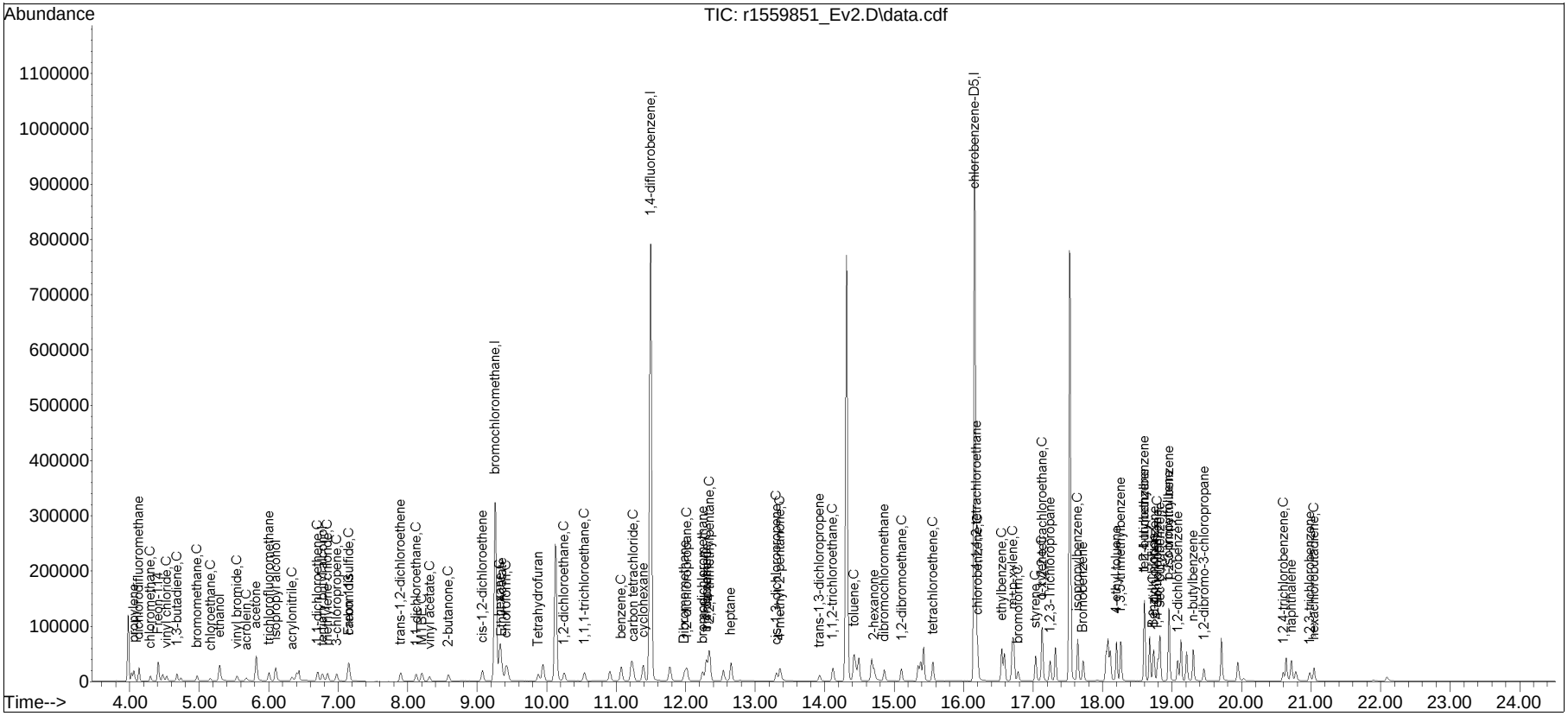
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,4-dichlorobenzene	18.792	146	38664	0.414	ppbV	99
78) sec-butylbenzene	18.825	105	85404	0.430	ppbV	99
79) 1,2,3-trimethylbenzene	18.958	105	52599	0.372	ppbV	96
80) p-isopropyltoluene	18.950	119	66595	0.383	ppbV	99
81) 1,2-dichlorobenzene	19.083	146	36974	0.411	ppbV	96
82) n-butylbenzene	19.300	91	62592	0.406	ppbV	97
83) 1,2-dibromo-3-chloropr...	19.458	75	13147	0.376	ppbV	91
84) 1,2,4-trichlorobenzene	20.600	180	20801	0.346	ppbV	98
85) naphthalene	20.717	128	66248	0.370	ppbV	100
86) 1,2,3-trichlorobenzene	20.983	180	21045	0.372	ppbV	99
87) hexachlorobutadiene	21.042	225	20532	0.400	ppbV	96

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

Sub List : Default-NS - All compounds listed320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559851_Ev2.D
Acq On : 20 Mar 2026 8:15 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD0.5
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

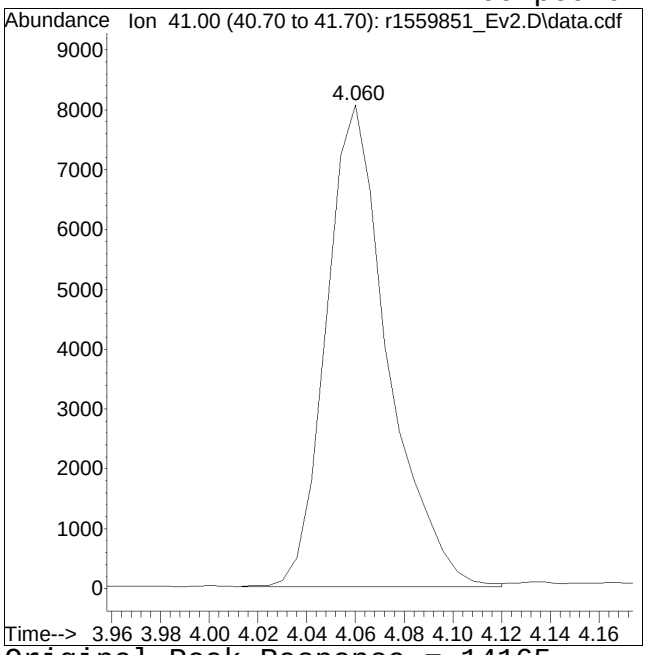
Quant Time: Mar 21 12:05:19 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration



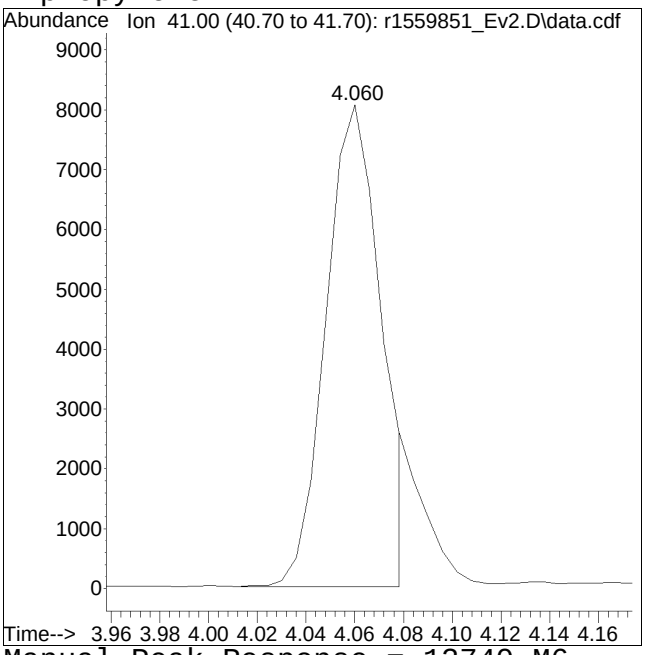
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559851_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 8:15 PM Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 14165



Manual Peak Response = 12740 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559852_Ev2.D
Acq On : 20 Mar 2026 8:56 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD1.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:27 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.258	49	347714	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 93.08%			
34) 1,4-difluorobenzene	11.497	114	909386	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 93.68%			
52) chlorobenzene-D5	16.158	54	162366	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 93.44%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.133	65	229027	10.785	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.85%			
54) toluene-D8	14.317	98	848555	10.824	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.24%			
68) bromofluorobenzene	17.525	95	595802	11.552	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.52%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.988	51	295688	11.378	ppbV	100
3) propylene	4.066	41	24344M6	1.278	ppbV	
4) dichlorodifluoromethane	4.144	85	46295	1.077	ppbV	100
5) chloromethane	4.306	50	19710	1.081	ppbV	99
6) Freon-114	4.414	85	48648	1.087	ppbV	99
7) vinyl chloride	4.540	62	22715	1.066	ppbV	98
8) 1,3-butadiene	4.684	54	16971	1.119	ppbV	99
9) bromomethane	4.978	94	18326	1.075	ppbV	99
10) chloroethane	5.164	64	10620	1.067	ppbV	100
11) ethanol	5.296	31	76124	5.999	ppbV	98
12) vinyl bromide	5.550	106	15830	1.120	ppbV	98
13) acrolein	5.677	56	9862	1.048	ppbV	98
14) acetone	5.820	43	109917	4.080	ppbV #	86
15) trichlorofluoromethane	6.010	101	34633	0.913	ppbV	99
16) isopropyl alcohol	6.100	45	66350	2.010	ppbV #	96
17) acrylonitrile	6.340	53	16279	0.769	ppbV	94
18) 1,1-dichloroethene	6.708	61	34308	1.042	ppbV	99
19) tertiary butyl alcohol	6.768	59	42526	1.051	ppbV	99
20) methylene chloride	6.852	49	31733	1.090	ppbV	99
21) 3-chloropropene	6.984	41	29568	1.058	ppbV	99
22) carbon disulfide	7.158	76	58000	1.054	ppbV	95
23) Freon 113	7.152	101	43682	1.072	ppbV	100
24) trans-1,2-dichloroethene	7.900	61	31694	1.107	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559852_Ev2.D
Acq On : 20 Mar 2026 8:56 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD1.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:27 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.125	63	42975	1.053	ppbV		100
26) MTBE	8.200	73	51177	1.097	ppbV		100
27) vinyl acetate	8.317	43	40611	1.170	ppbV		99
28) 2-butanone	8.583	43	50707	1.095	ppbV		99
29) cis-1,2-dichloroethene	9.075	61	32775	1.028	ppbV		98
30) Ethyl Acetate	9.350	61	7938	1.071	ppbV		70
31) chloroform	9.417	83	45796	1.059	ppbV		98
32) Tetrahydrofuran	9.875	42	25322	1.095	ppbV		98
33) 1,2-dichloroethane	10.250	62	27158	1.063	ppbV		99
35) hexane	9.325	57	44330	1.095	ppbV	#	65
37) 1,1,1-trichloroethane	10.542	97	39107	1.048	ppbV		96
38) benzene	11.077	78	89051	1.046	ppbV		98
39) carbon tetrachloride	11.250	117	33582	1.017	ppbV		99
40) cyclohexane	11.390	56	46797	1.088	ppbV		97
41) Dibromomethane	11.990	93	27003	1.078	ppbV	#	99
42) 1,2-dichloropropane	12.017	63	30012	1.029	ppbV		99
43) bromodichloromethane	12.243	83	40236	1.041	ppbV		98
44) 1,4-dioxane	12.297	88	17022	1.051	ppbV		99
45) trichloroethene	12.297	130	35570	1.020	ppbV		99
46) 2,2,4-trimethylpentane	12.343	57	146488	1.126	ppbV		98
47) heptane	12.657	43	50757	1.088	ppbV		97
48) cis-1,3-dichloropropene	13.308	75	35043	0.978	ppbV		99
49) 4-methyl-2-pentanone	13.358	43	56501	1.059	ppbV		99
50) trans-1,3-dichloropropene	13.925	75	23772	0.967	ppbV		97
51) 1,1,2-trichloroethane	14.125	97	31581	1.035	ppbV		100
53) toluene	14.425	91	99105	1.034	ppbV		99
55) 2-hexanone	14.708	43	51016	1.044	ppbV		95
56) dibromochloromethane	14.858	129	36279	0.994	ppbV		99
57) 1,2-dibromoethane	15.108	107	44974	1.034	ppbV		99
58) tetrachloroethene	15.558	166	39352	1.056	ppbV		99
59) 1,1,1,2-tetrachloroethane	16.192	131	32527	1.013	ppbV		99
60) chlorobenzene	16.200	112	82233	1.044	ppbV		99
61) ethylbenzene	16.550	91	126697	1.011	ppbV		100
62) m+p-xylene	16.717	91	206383	2.029	ppbV		100
63) bromoform	16.783	173	26987	0.952	ppbV		100
64) styrene	17.042	104	78173	0.990	ppbV		99
65) 1,1,2,2-tetrachloroethane	17.133	83	74806	1.021	ppbV		99
66) o-xylene	17.133	91	103970	1.012	ppbV		99
67) 1,2,3-Trichloropropane	17.242	75	58517	1.065	ppbV		99
69) isopropylbenzene	17.642	105	138549	1.054	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559852_Ev2.D
Acq On : 20 Mar 2026 8:56 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD1.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:27 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

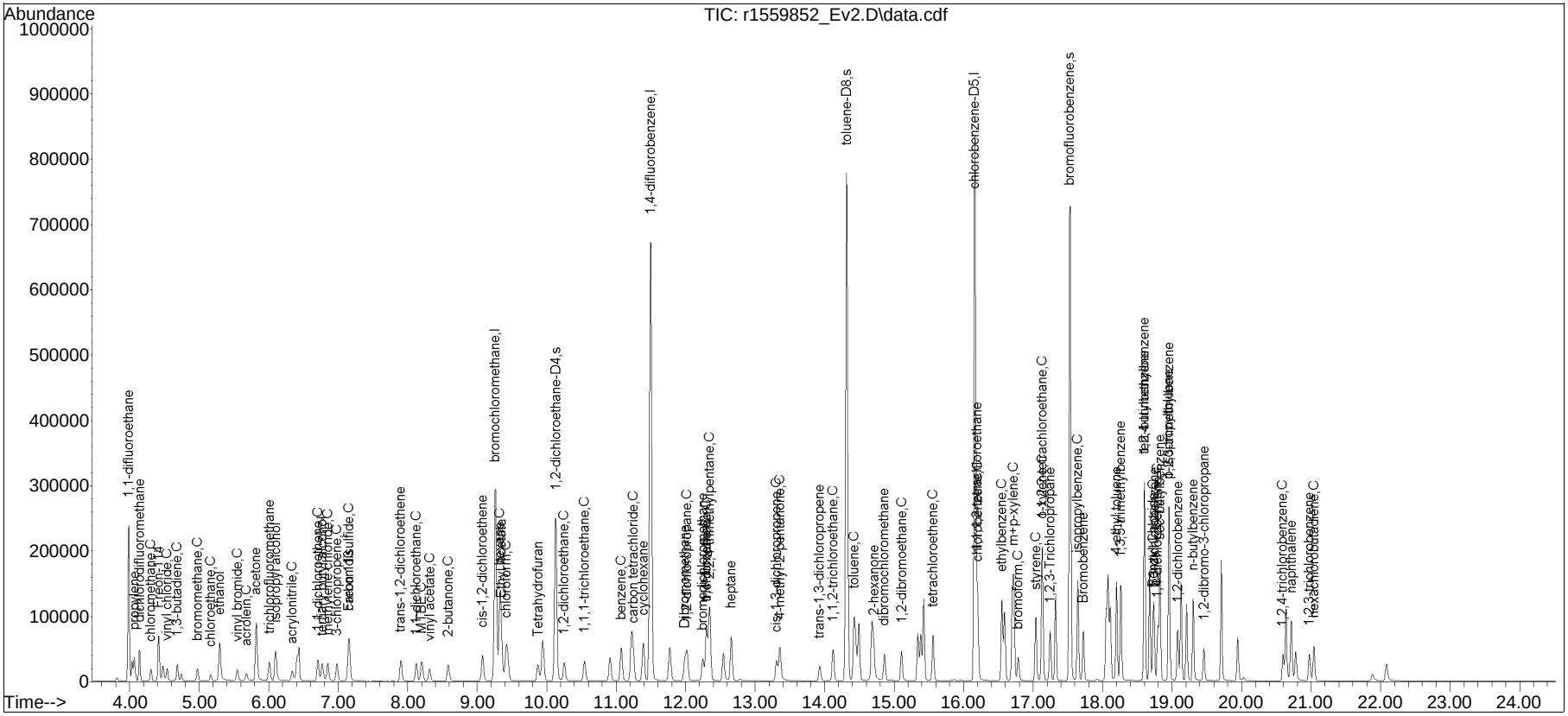
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.725	77	78063	1.059	ppbV	100
71) 4-ethyl toluene	18.200	105	129380	1.063	ppbV	99
72) 1,3,5-trimethylbenzene	18.258	105	116754	1.023	ppbV	99
73) tert-butylbenzene	18.600	119	123102	1.035	ppbV	99
74) 1,2,4-trimethylbenzene	18.600	105	118527	1.013	ppbV	98
75) Benzyl Chloride	18.725	91	65983	0.998	ppbV	97
76) 1,3-dichlorobenzene	18.742	146	80655	0.995	ppbV	95
77) 1,4-dichlorobenzene	18.792	146	80443	1.012	ppbV	99
78) sec-butylbenzene	18.825	105	177654	1.051	ppbV	99
79) 1,2,3-trimethylbenzene	18.958	105	105814	0.878	ppbV	96
80) p-isopropyltoluene	18.950	119	135177	0.912	ppbV	99
81) 1,2-dichlorobenzene	19.083	146	76640	1.001	ppbV	94
82) n-butylbenzene	19.300	91	131735	1.002	ppbV	96
83) 1,2-dibromo-3-chloropr...	19.458	75	28545	0.957	ppbV	91
84) 1,2,4-trichlorobenzene	20.592	180	48261	0.941	ppbV	97
85) naphthalene	20.717	128	155818	1.020	ppbV	100
86) 1,2,3-trichlorobenzene	20.975	180	49764	1.033	ppbV	100
87) hexachlorobutadiene	21.042	225	45569	1.041	ppbV	97

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559852_Ev2.D
Acq On : 20 Mar 2026 8:56 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD1.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

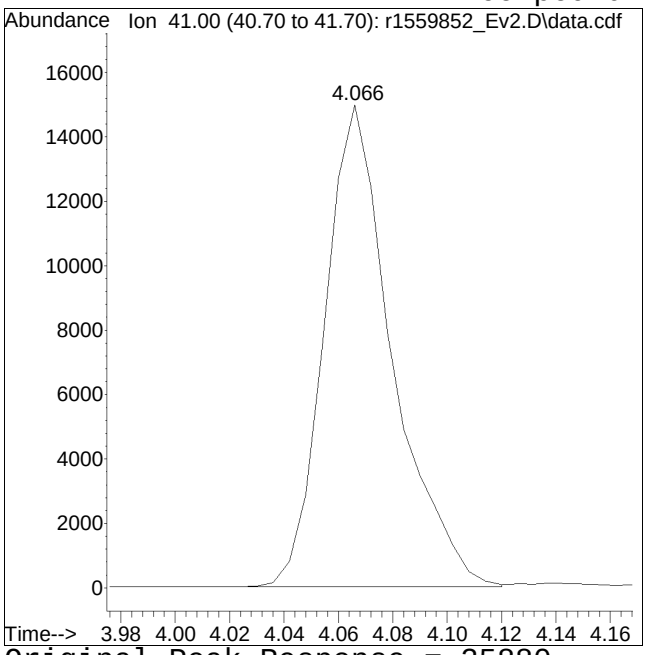
Quant Time: Mar 21 12:05:27 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration



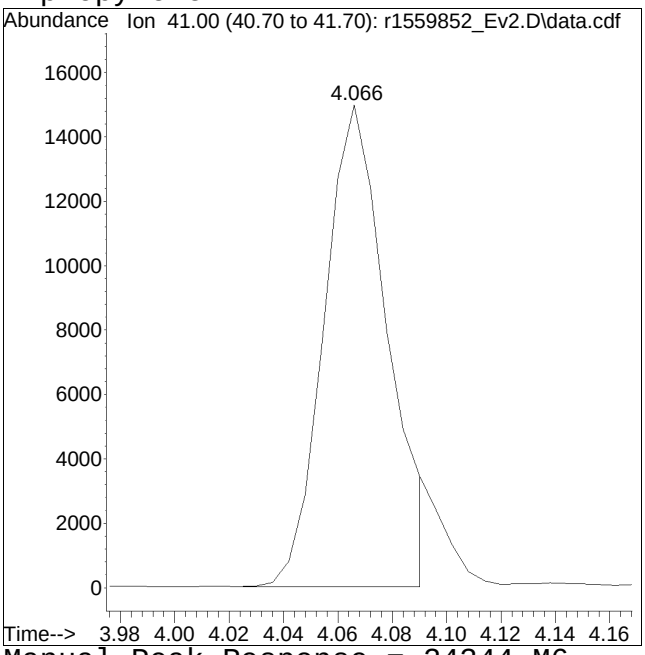
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559852_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 8:56 PM Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 25880



Manual Peak Response = 24344 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559853_Ev2.D
Acq On : 20 Mar 2026 9:36 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:01:21 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Mar 04 15:02:57 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.267	49	373547	10.000	ppbV	0.03
Standard Area = 373547			Recovery = 100.00%			
34) 1,4-difluorobenzene	11.497	114	970692	10.000	ppbV	0.02
Standard Area = 970692			Recovery = 100.00%			
52) chlorobenzene-D5	16.158	54	173758	10.000	ppbV	0.03
Standard Area = 173758			Recovery = 100.00%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.133	65	226682	10.457	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.57%			
54) toluene-D8	14.317	98	838935	10.020	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.20%			
68) bromofluorobenzene	17.533	95	551933	9.196	ppbV	0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.96%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.982	51	1395908	54.652	ppbV	98
3) propylene	4.066	41	102319M6	4.219	ppbV	
4) dichlorodifluoromethane	4.138	85	230811	6.133	ppbV	99
5) chloromethane	4.306	50	97908	4.814	ppbV	100
6) Freon-114	4.414	85	240476	6.033	ppbV	95
7) vinyl chloride	4.540	62	114413	4.715	ppbV	99
8) 1,3-butadiene	4.684	54	81481	5.245	ppbV #	77
9) bromomethane	4.972	94	91585	5.857	ppbV	98
10) chloroethane	5.164	64	53458	4.210	ppbV	98
11) ethanol	5.296	31	340794	12.309	ppbV	89
12) vinyl bromide	5.547	106	75947	4.420	ppbV	98
13) acrolein	5.673	56	50570	3.241	ppbV	92
14) acetone	5.813	43	723485	24.601	ppbV #	86
15) trichlorofluoromethane	6.010	101	203746	6.106	ppbV	95
16) isopropyl alcohol	6.093	45	443283	10.240	ppbV	98
17) acrylonitrile	6.333	53	113678	4.211	ppbV	99
18) 1,1-dichloroethene	6.708	61	176848	4.559	ppbV	96
19) tertiary butyl alcohol	6.756	59	217431M6	4.026	ppbV	
20) methylene chloride	6.852	49	156416	5.553	ppbV	100
21) 3-chloropropene	6.984	41	150166	4.678	ppbV	96
22) carbon disulfide	7.158	76	295675	5.185	ppbV	98
23) Freon 113	7.152	101	218794	5.267	ppbV	94
24) trans-1,2-dichloroethene	7.900	61	153795	4.293	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559853_Ev2.D
Acq On : 20 Mar 2026 9:36 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:01:21 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Mar 04 15:02:57 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.125	63	219257	4.584	ppbV		98
26) MTBE	8.192	73	250543	4.779	ppbV	#	91
27) vinyl acetate	8.308	43	186469	4.133	ppbV		100
28) 2-butanone	8.567	43	248836	5.017	ppbV		99
29) cis-1,2-dichloroethene	9.075	61	171249	4.555	ppbV		94
30) Ethyl Acetate	9.342	61	39806	4.362	ppbV	#	65
31) chloroform	9.417	83	232216	5.668	ppbV		98
32) Tetrahydrofuran	9.858	42	124185	4.439	ppbV		96
33) 1,2-dichloroethane	10.258	62	137225	5.307	ppbV		97
35) hexane	9.333	57	216112	3.661	ppbV	#	40
37) 1,1,1-trichloroethane	10.550	97	199122	5.670	ppbV		95
38) benzene	11.077	78	454307	5.164	ppbV		97
39) carbon tetrachloride	11.250	117	176295	5.978	ppbV		95
40) cyclohexane	11.397	56	229518	3.930	ppbV		86
41) Dibromomethane	11.990	93	133636	4.726	ppbV	#	94
42) 1,2-dichloropropane	12.023	63	155625	4.137	ppbV		96
43) bromodichloromethane	12.250	83	206208	5.066	ppbV		97
44) 1,4-dioxane	12.290	88	86415	4.388	ppbV		91
45) trichloroethene	12.303	130	186084	5.031	ppbV		99
46) 2,2,4-trimethylpentane	12.350	57	694188M6	3.784	ppbV		
47) heptane	12.657	43	248994	4.584	ppbV		89
48) cis-1,3-dichloropropene	13.308	75	191145	5.118	ppbV		97
49) 4-methyl-2-pentanone	13.342	43	284812	4.660	ppbV		90
50) trans-1,3-dichloropropene	13.933	75	131211	5.170	ppbV		93
51) 1,1,2-trichloroethane	14.125	97	162929	4.901	ppbV		97
53) toluene	14.425	91	513091	5.166	ppbV		99
55) 2-hexanone	14.692	43	261356	5.055	ppbV		89
56) dibromochloromethane	14.858	129	195245	5.377	ppbV		99
57) 1,2-dibromoethane	15.108	107	232805	5.791	ppbV		98
58) tetrachloroethene	15.558	166	199467	5.598	ppbV		97
59) 1,1,1,2-tetrachloroethane	16.192	131	171851	5.304	ppbV		96
60) chlorobenzene	16.200	112	421665	5.499	ppbV		97
61) ethylbenzene	16.550	91	670507	4.911	ppbV		98
62) m+p-xylene	16.717	91	1088370	10.203	ppbV		95
63) bromoform	16.783	173	151696	5.364	ppbV		100
64) styrene	17.042	104	422466	5.487	ppbV		98
65) 1,1,2,2-tetrachloroethane	17.125	83	391887	5.199	ppbV		97
66) o-xylene	17.133	91	549628	5.112	ppbV		95
67) 1,2,3-Trichloropropane	17.242	75	293996	5.452	ppbV		97
69) isopropylbenzene	17.642	105	703542	5.363	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559853_Ev2.D
Acq On : 20 Mar 2026 9:36 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:01:21 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Mar 04 15:02:57 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

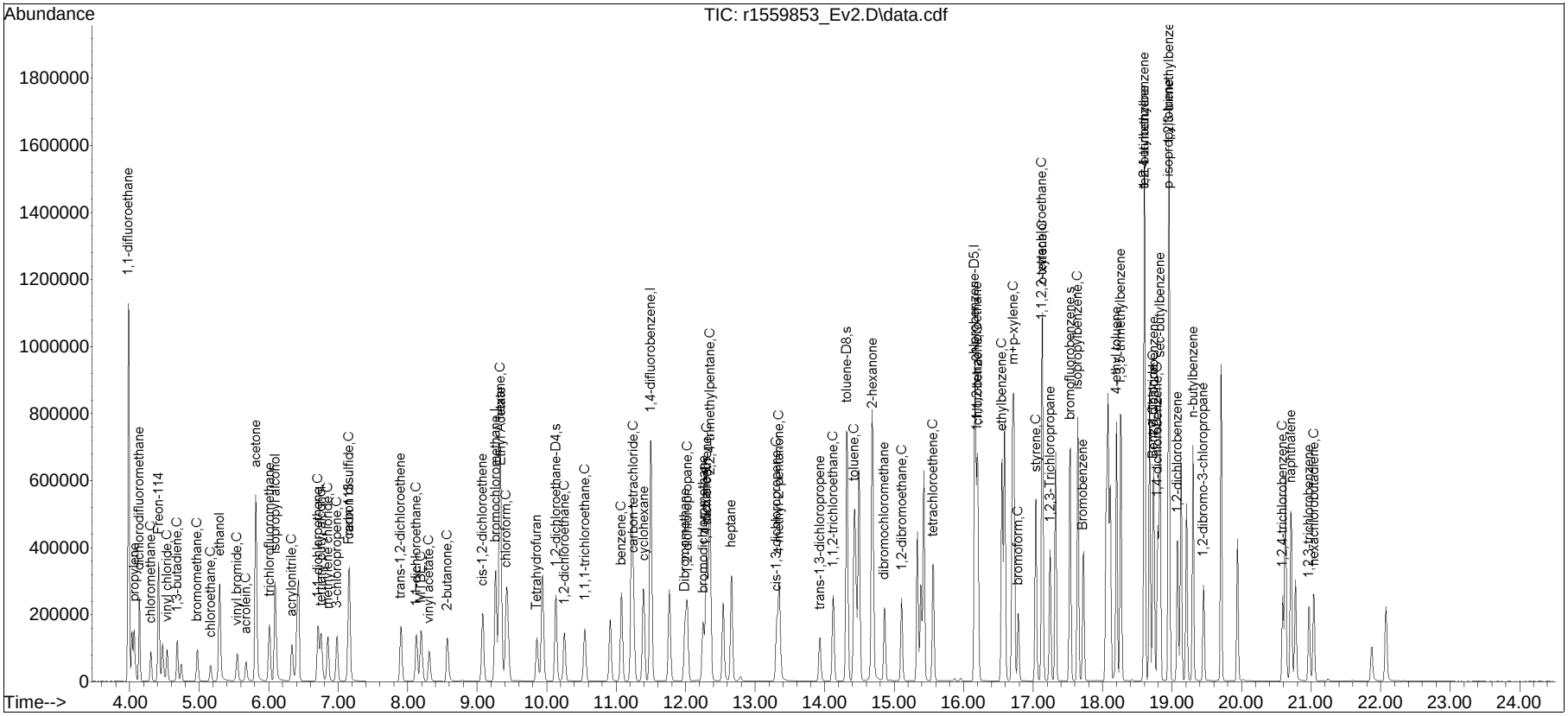
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Bromobenzene	17.717	77	394277	5.387	ppbV		97
71) 4-ethyl toluene	18.200	105	651560	5.264	ppbV		95
72) 1,3,5-trimethylbenzene	18.258	105	610399	5.526	ppbV		96
73) tert-butylbenzene	18.600	119	636195	5.350	ppbV		98
74) 1,2,4-trimethylbenzene	18.600	105	626033	5.679	ppbV		94
75) Benzyl Chloride	18.725	91	353596	4.347	ppbV		98
76) 1,3-dichlorobenzene	18.733	146	433647	6.285	ppbV		96
77) 1,4-dichlorobenzene	18.792	146	425340M3	6.098	ppbV		
78) sec-butylbenzene	18.825	105	904779	5.539	ppbV		99
79) 1,2,3-trimethylbenzene	18.958	105	645102	5.790	ppbV		94
80) p-isopropyltoluene	18.950	119	793099	5.584	ppbV		100
81) 1,2-dichlorobenzene	19.075	146	409870	7.092	ppbV	#	87
82) n-butylbenzene	19.300	91	703642	5.652	ppbV		98
83) 1,2-dibromo-3-chloropr...	19.450	75	159564	5.818	ppbV		95
84) 1,2,4-trichlorobenzene	20.592	180	274287	6.011	ppbV		97
85) naphthalene	20.708	128	817123	4.319	ppbV		98
86) 1,2,3-trichlorobenzene	20.967	180	257677	5.622	ppbV		95
87) hexachlorobutadiene	21.042	225	234272	5.972	ppbV		98

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559853_Ev2.D
Acq On : 20 Mar 2026 9:36 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:01:21 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Mar 04 15:02:57 2026
Response via : Initial Calibration

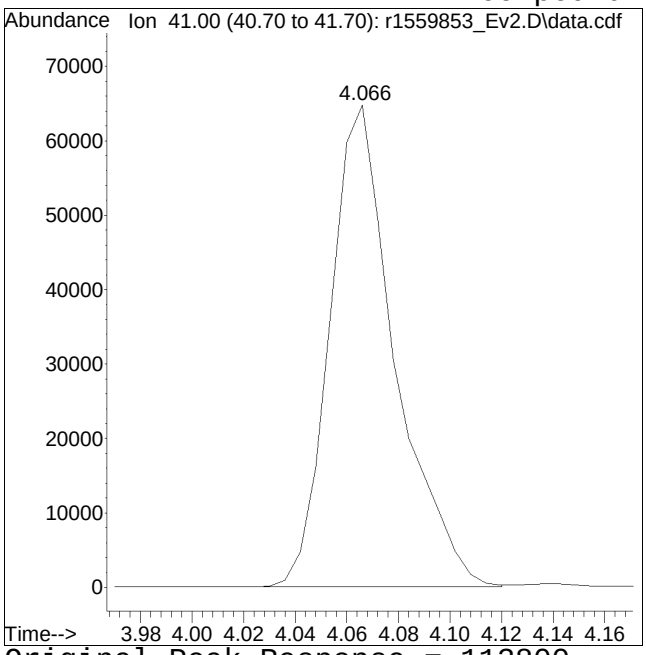


Manual Integration Report

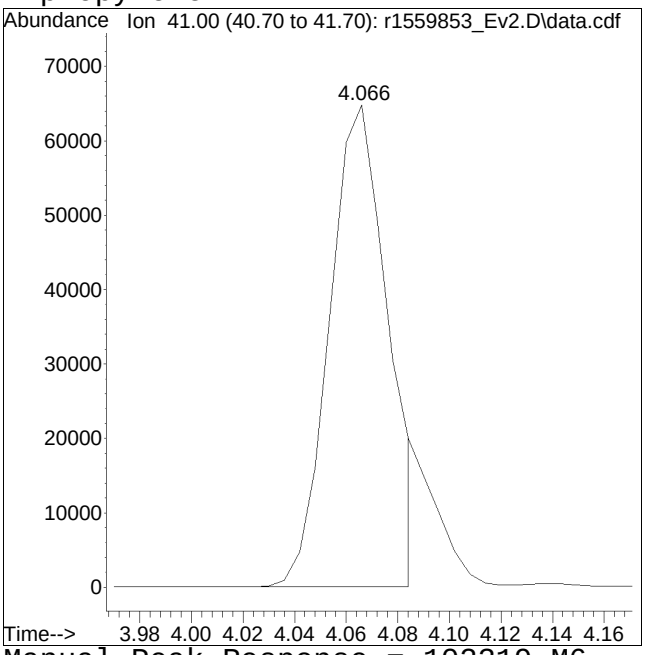
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Data File : r1559853_Ev2.D
Date Inj'd : 3/20/2026 9:36 PM
Sample : ITO15-SIMSTD5.0

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/21/2026 12:01 pm

Compound #3: propylene



Original Peak Response = 113800



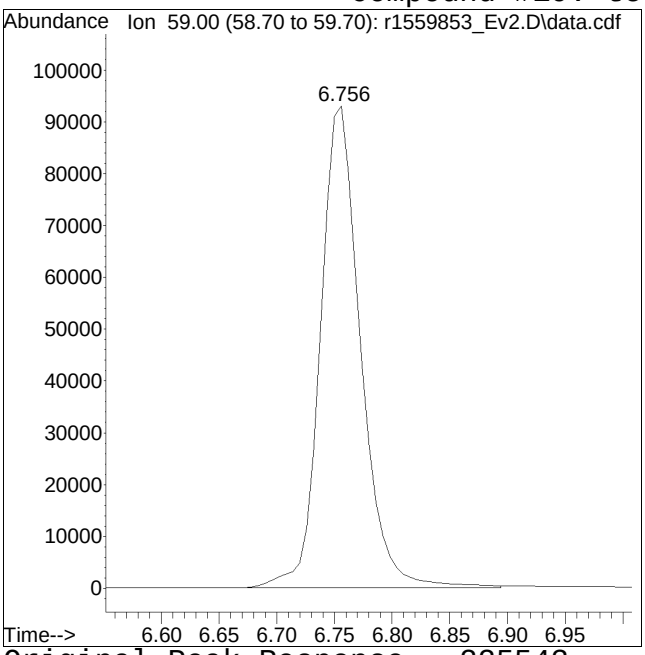
Manual Peak Response = 102319 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

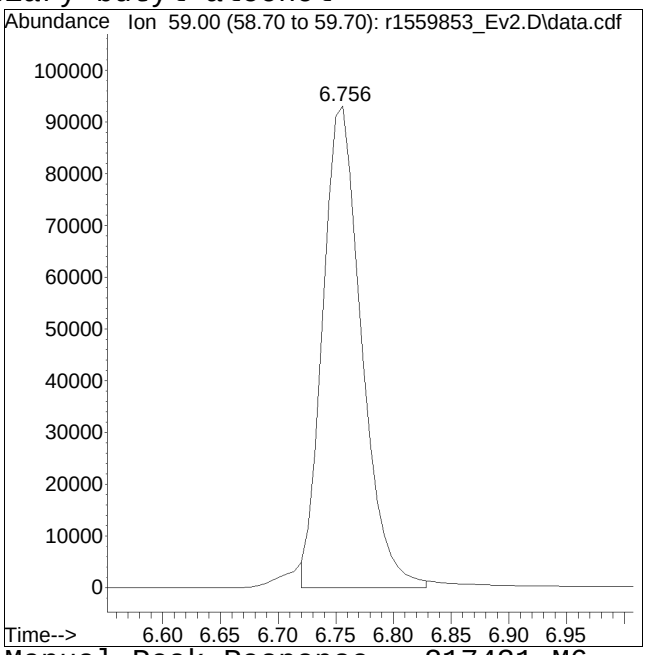
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559853_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 9:36 PM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 3/21/2026 12:01 pm

Compound #19: tertiary butyl alcohol



Original Peak Response = 225543



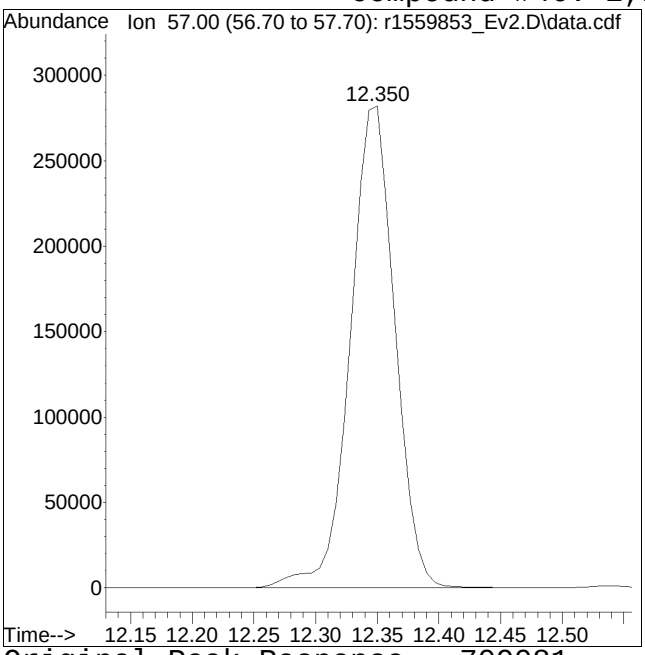
Manual Peak Response = 217431 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

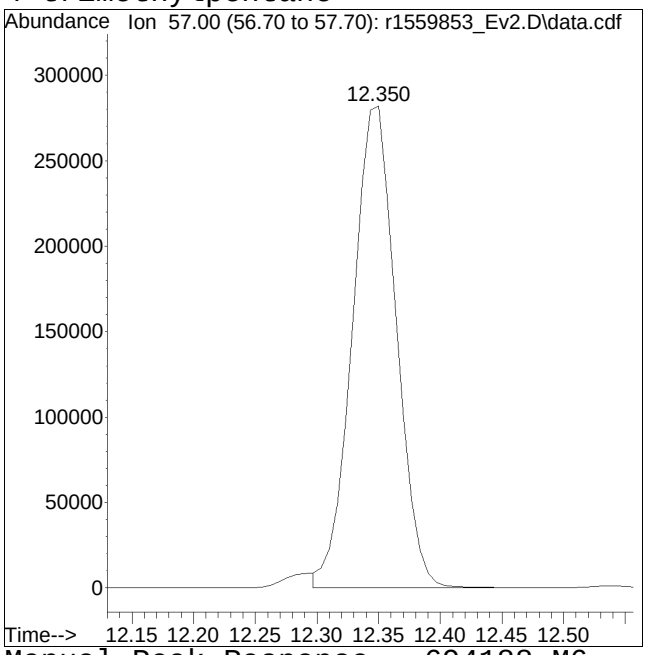
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559853_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 9:36 PM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 3/21/2026 12:01 pm

Compound #46: 2,2,4-trimethylpentane



Original Peak Response = 709081



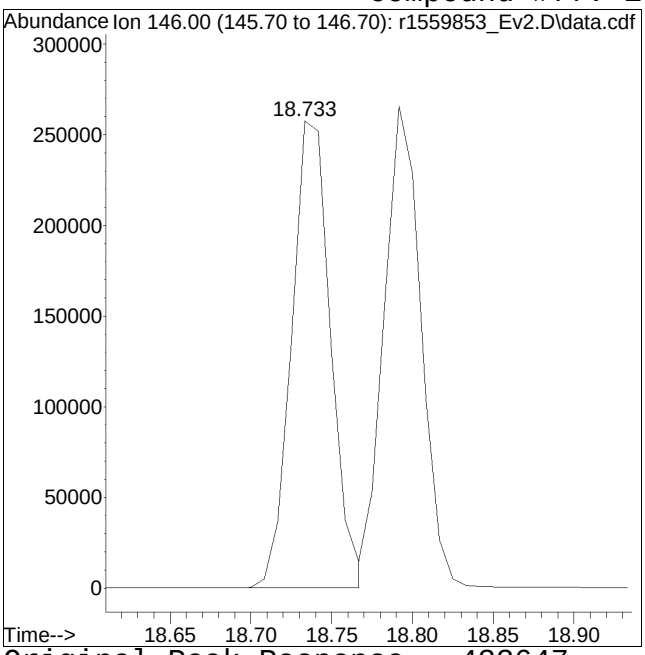
Manual Peak Response = 694188 M6

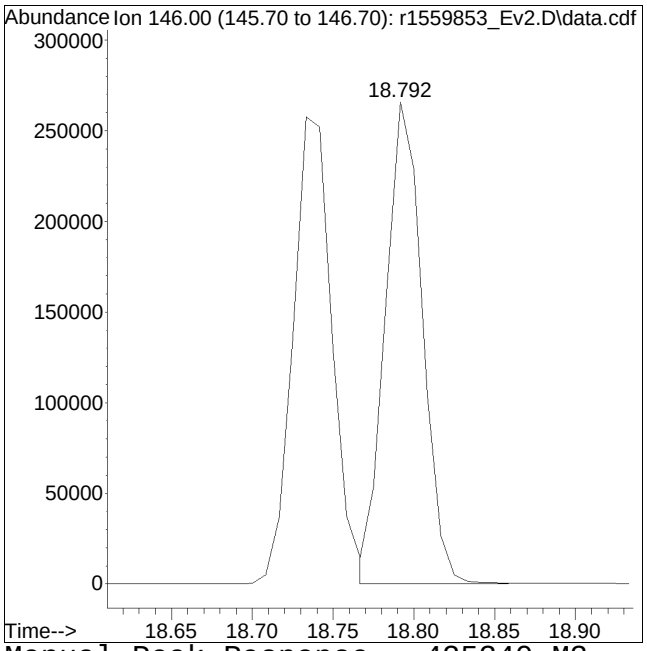
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559853_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 9:36 PM Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 3/21/2026 12:01 pm

Compound #77: 1,4-dichlorobenzene





Original Peak Response = 433647 Manual Peak Response = 425340 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\Airlab15\2026\03\0320SIM_I\
Data File : r1559854_Ev2.D
Acq On : 20 Mar 2026 10:18 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD010
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:35 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.275	49	365983	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 97.98%			
34) 1,4-difluorobenzene	11.497	114	875740	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 90.22%			
52) chlorobenzene-D5	16.158	54	159519	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 91.81%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.142	65	232065	11.347	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 113.47%			
54) toluene-D8	14.317	98	859938	11.165	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.65%			
68) bromofluorobenzene	17.533	95	585748	11.560	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 115.60%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.994	51	2653374	97.005	ppbV	99
3) propylene	4.072	41	207398M6	10.344	ppbV	
4) dichlorodifluoromethane	4.150	85	447088	9.885	ppbV	99
5) chloromethane	4.318	50	193836	10.103	ppbV	100
6) Freon-114	4.426	85	474061	10.060	ppbV	96
7) vinyl chloride	4.546	62	240917	10.746	ppbV	100
8) 1,3-butadiene	4.696	54	166207	10.410	ppbV	99
9) bromomethane	4.984	94	189974	10.586	ppbV	99
10) chloroethane	5.176	64	111284	10.624	ppbV	97
11) ethanol	5.302	31	883227	66.131	ppbV	99
12) vinyl bromide	5.560	106	158472	10.649	ppbV	98
13) acrolein	5.683	56	106086	10.706	ppbV	98
14) acetone	5.823	43	1134187	40.002	ppbV #	87
15) trichlorofluoromethane	6.020	101	414780	10.389	ppbV	99
16) isopropyl alcohol	6.103	45	929023	26.739	ppbV	100
17) acrylonitrile	6.343	53	240391	10.792	ppbV	100
18) 1,1-dichloroethene	6.720	61	365404	10.545	ppbV	99
19) tertiary butyl alcohol	6.762	59	479562	11.256	ppbV	97
20) methylene chloride	6.858	49	317449	10.357	ppbV	99
21) 3-chloropropene	6.990	41	312220	10.611	ppbV	99
22) carbon disulfide	7.170	76	614395	10.604	ppbV	99
23) Freon 113	7.164	101	443740	10.350	ppbV	100
24) trans-1,2-dichloroethene	7.908	61	321324	10.662	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559854_Ev2.D
Acq On : 20 Mar 2026 10:18 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD010
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:35 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.133	63	451768	10.515	ppbV		100
26) MTBE	8.200	73	518477	10.561	ppbV		99
27) vinyl acetate	8.317	43	424078	11.606	ppbV		99
28) 2-butanone	8.575	43	518971	10.643	ppbV		99
29) cis-1,2-dichloroethene	9.083	61	357294	10.648	ppbV		98
30) Ethyl Acetate	9.350	61	83860	10.751	ppbV		76
31) chloroform	9.425	83	472100	10.375	ppbV		99
32) Tetrahydrofuran	9.858	42	261347	10.740	ppbV		99
33) 1,2-dichloroethane	10.258	62	282084	10.491	ppbV		99
35) hexane	9.333	57	445208	11.417	ppbV		93
37) 1,1,1-trichloroethane	10.550	97	404843	11.268	ppbV		98
38) benzene	11.083	78	929352	11.337	ppbV		99
39) carbon tetrachloride	11.257	117	367594	11.556	ppbV		99
40) cyclohexane	11.397	56	479939	11.589	ppbV		99
41) Dibromomethane	11.990	93	274018	11.364	ppbV	#	99
42) 1,2-dichloropropane	12.023	63	323208	11.510	ppbV		99
43) bromodichloromethane	12.250	83	431612	11.600	ppbV		99
44) 1,4-dioxane	12.283	88	182868	11.728	ppbV		97
45) trichloroethene	12.303	130	385052	11.468	ppbV		99
46) 2,2,4-trimethylpentane	12.350	57	1424765	11.375	ppbV		100
47) heptane	12.663	43	507196	11.289	ppbV		96
48) cis-1,3-dichloropropene	13.308	75	409446	11.872	ppbV		100
49) 4-methyl-2-pentanone	13.342	43	590181	11.484	ppbV		98
50) trans-1,3-dichloropropene	13.933	75	283309	11.966	ppbV		100
51) 1,1,2-trichloroethane	14.125	97	336775	11.456	ppbV		100
53) toluene	14.425	91	1053761	11.185	ppbV		99
55) 2-hexanone	14.692	43	537181	11.194	ppbV		97
56) dibromochloromethane	14.867	129	417688	11.651	ppbV		98
57) 1,2-dibromoethane	15.108	107	483994	11.323	ppbV		99
58) tetrachloroethene	15.558	166	412961	11.276	ppbV		98
59) 1,1,1,2-tetrachloroethane	16.192	131	362241	11.480	ppbV		99
60) chlorobenzene	16.200	112	865248	11.176	ppbV		99
61) ethylbenzene	16.550	91	1392775	11.313	ppbV		99
62) m+p-xylene	16.717	91	2233799	22.356	ppbV		100
63) bromoform	16.783	173	337893	12.131	ppbV		99
64) styrene	17.033	104	882723	11.380	ppbV		97
65) 1,1,2,2-tetrachloroethane	17.125	83	818414	11.374	ppbV		100
66) o-xylene	17.133	91	1125677	11.154	ppbV		100
67) 1,2,3-Trichloropropane	17.242	75	603179	11.174	ppbV		100
69) isopropylbenzene	17.642	105	1433577	11.098	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559854_Ev2.D
Acq On : 20 Mar 2026 10:18 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD010
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:35 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

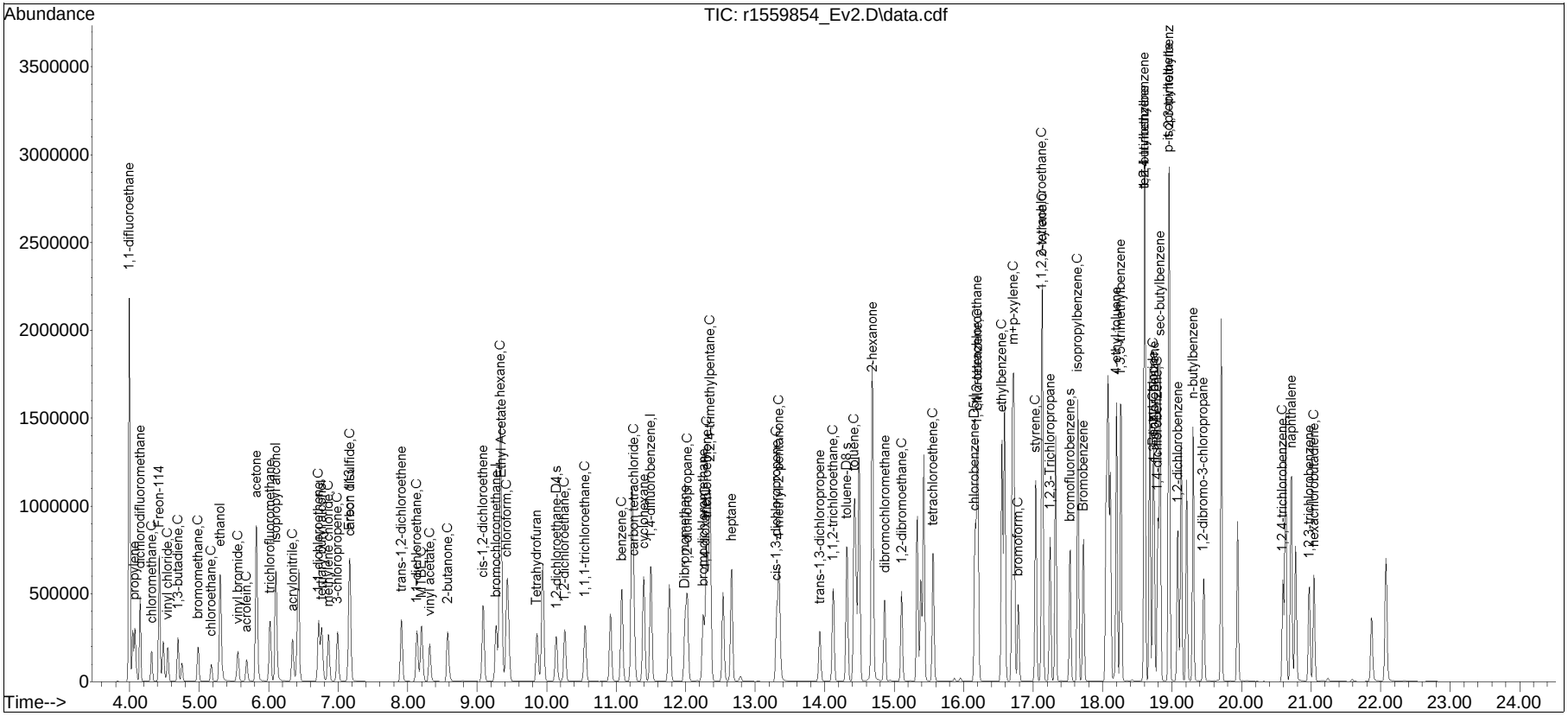
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.725	77	806848	11.145	ppbV	98
71) 4-ethyl toluene	18.200	105	1343515	11.230	ppbV	98
72) 1,3,5-trimethylbenzene	18.258	105	1240297	11.067	ppbV	100
73) tert-butylbenzene	18.600	119	1300394	11.132	ppbV	100
74) 1,2,4-trimethylbenzene	18.600	105	1275844	11.099	ppbV	99
75) Benzyl Chloride	18.725	91	818847	12.612	ppbV	100
76) 1,3-dichlorobenzene	18.742	146	893090	11.217	ppbV	93
77) 1,4-dichlorobenzene	18.792	146	891599	11.417	ppbV	99
78) sec-butylbenzene	18.825	105	1848248	11.126	ppbV	100
79) 1,2,3-trimethylbenzene	18.958	105	1166294	9.847	ppbV	96
80) p-isopropyltoluene	18.950	119	1478024	10.150	ppbV	96
81) 1,2-dichlorobenzene	19.083	146	842306	11.192	ppbV	94
82) n-butylbenzene	19.300	91	1453330	11.249	ppbV	99
83) 1,2-dibromo-3-chloropr...	19.450	75	336340	11.480	ppbV	98
84) 1,2,4-trichlorobenzene	20.592	180	632071	12.551	ppbV	99
85) naphthalene	20.717	128	1934294	12.893	ppbV	99
86) 1,2,3-trichlorobenzene	20.975	180	618839	13.080	ppbV	96
87) hexachlorobutadiene	21.042	225	519883	12.086	ppbV	99

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559854_Ev2.D
Acq On : 20 Mar 2026 10:18 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD010
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

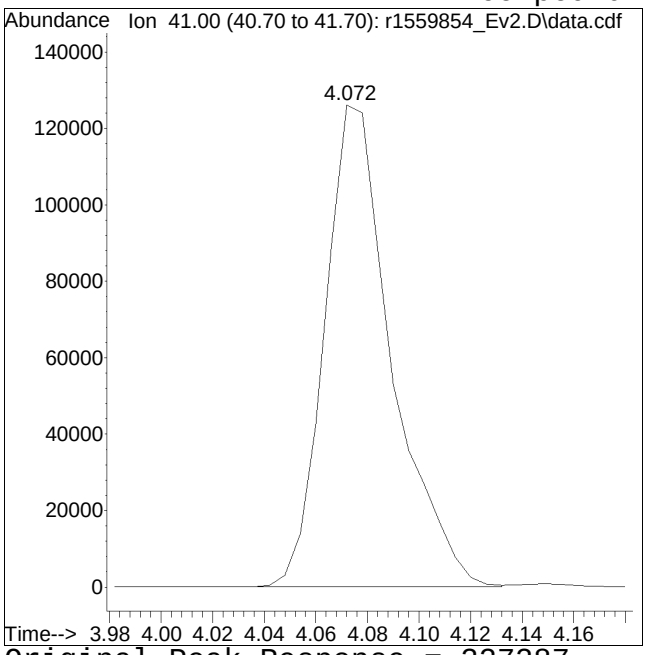
Quant Time: Mar 21 12:05:35 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration



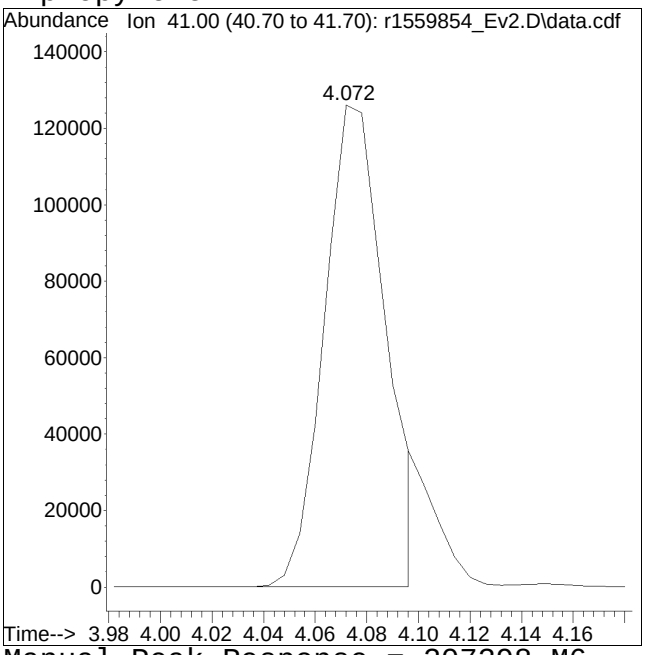
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559854_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 10:18 PM Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 227287



Manual Peak Response = 207398 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559855_Ev2.D
Acq On : 20 Mar 2026 10:55 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD020
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.267	49	379750	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 101.66%			
34) 1,4-difluorobenzene	11.497	114	1014515	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 104.51%			
52) chlorobenzene-D5	16.158	54	172045	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 99.01%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.133	65	230042	9.710	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.10%			
54) toluene-D8	14.317	98	899358	10.827	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.27%			
68) bromofluorobenzene	17.525	95	638260	11.679	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.79%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.982	51	5310597	187.113	ppbV	100
3) propylene	4.060	41	455161M6	21.879	ppbV	
4) dichlorodifluoromethane	4.138	85	925020	19.711	ppbV	99
5) chloromethane	4.300	50	402698	20.229	ppbV	100
6) Freon-114	4.408	85	976996	19.982	ppbV	98
7) vinyl chloride	4.534	62	517877	22.262	ppbV	100
8) 1,3-butadiene	4.684	54	370194	22.346	ppbV	99
9) bromomethane	4.972	94	407931	21.907	ppbV	100
10) chloroethane	5.158	64	241838	22.250	ppbV	96
11) ethanol	5.296	31	1952718	140.908	ppbV	99
12) vinyl bromide	5.547	106	429884	27.839	ppbV	95
13) acrolein	5.670	56	305260	29.689	ppbV	96
14) acetone	5.807	43	3153404	107.186	ppbV	94
15) trichlorofluoromethane	6.007	101	866325	20.913	ppbV	98
16) isopropyl alcohol	6.087	45	2105356	58.399	ppbV	99
17) acrylonitrile	6.330	53	540965	23.405	ppbV	99
18) 1,1-dichloroethene	6.708	61	779225	21.671	ppbV	98
19) tertiary butyl alcohol	6.744	59	1079257	24.413	ppbV	94
20) methylene chloride	6.852	49	651920	20.499	ppbV	95
21) 3-chloropropene	6.978	41	716316	23.461	ppbV	99
22) carbon disulfide	7.158	76	1406646	23.398	ppbV	97
23) Freon 113	7.152	101	950421	21.365	ppbV	99
24) trans-1,2-dichloroethene	7.900	61	747178	23.895	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559855_Ev2.D
Acq On : 20 Mar 2026 10:55 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD020
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.125	63	968865	21.733	ppbV		100
26) MTBE	8.183	73	1166374	22.897	ppbV		99
27) vinyl acetate	8.308	43	1098355	28.970	ppbV		97
28) 2-butanone	8.558	43	1079050	21.328	ppbV		98
29) cis-1,2-dichloroethene	9.075	61	774702	22.250	ppbV		98
30) Ethyl Acetate	9.333	61	197825	24.443	ppbV		94
31) chloroform	9.417	83	976718	20.687	ppbV		99
32) Tetrahydrofuran	9.842	42	593737	23.515	ppbV		99
33) 1,2-dichloroethane	10.250	62	585738	20.994	ppbV		99
35) hexane	9.325	57	1015021	22.469	ppbV		95
37) 1,1,1-trichloroethane	10.542	97	856085	20.568	ppbV		97
38) benzene	11.077	78	1957851	20.617	ppbV		99
39) carbon tetrachloride	11.250	117	775630	21.048	ppbV		99
40) cyclohexane	11.390	56	1098151	22.890	ppbV		98
41) Dibromomethane	11.983	93	603014	21.587	ppbV	#	96
42) 1,2-dichloropropane	12.017	63	700230	21.526	ppbV		98
43) bromodichloromethane	12.243	83	967400	22.444	ppbV		99
44) 1,4-dioxane	12.277	88	433061	23.975	ppbV		97
45) trichloroethene	12.297	130	833862	21.438	ppbV		99
46) 2,2,4-trimethylpentane	12.343	57	3246330	22.372	ppbV		99
47) heptane	12.657	43	1117680	21.474	ppbV		94
48) cis-1,3-dichloropropene	13.300	75	874464	21.886	ppbV		99
49) 4-methyl-2-pentanone	13.333	43	1313237	22.059	ppbV		94
50) trans-1,3-dichloropropene	13.925	75	614010	22.387	ppbV		99
51) 1,1,2-trichloroethane	14.117	97	722351	21.210	ppbV		99
53) toluene	14.425	91	2260614	22.249	ppbV		99
55) 2-hexanone	14.683	43	1211409	23.406	ppbV		95
56) dibromochloromethane	14.858	129	984011	25.450	ppbV		99
57) 1,2-dibromoethane	15.100	107	1034525	22.440	ppbV		97
58) tetrachloroethene	15.558	166	893805	22.628	ppbV		97
59) 1,1,1,2-tetrachloroethane	16.183	131	802301	23.575	ppbV		99
60) chlorobenzene	16.200	112	1832727	21.948	ppbV		97
61) ethylbenzene	16.550	91	2961919	22.307	ppbV		97
62) m+p-xylene	16.708	91	4700378	43.617	ppbV		100
63) bromoform	16.783	173	806019	26.831	ppbV		99
64) styrene	17.033	104	1885774	22.541	ppbV		99
65) 1,1,2,2-tetrachloroethane	17.125	83	1708658	22.017	ppbV		99
66) o-xylene	17.133	91	2339582	21.495	ppbV		98
67) 1,2,3-Trichloropropane	17.242	75	1264054	21.712	ppbV		99
69) isopropylbenzene	17.642	105	3063894	21.992	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559855_Ev2.D
Acq On : 20 Mar 2026 10:55 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD020
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

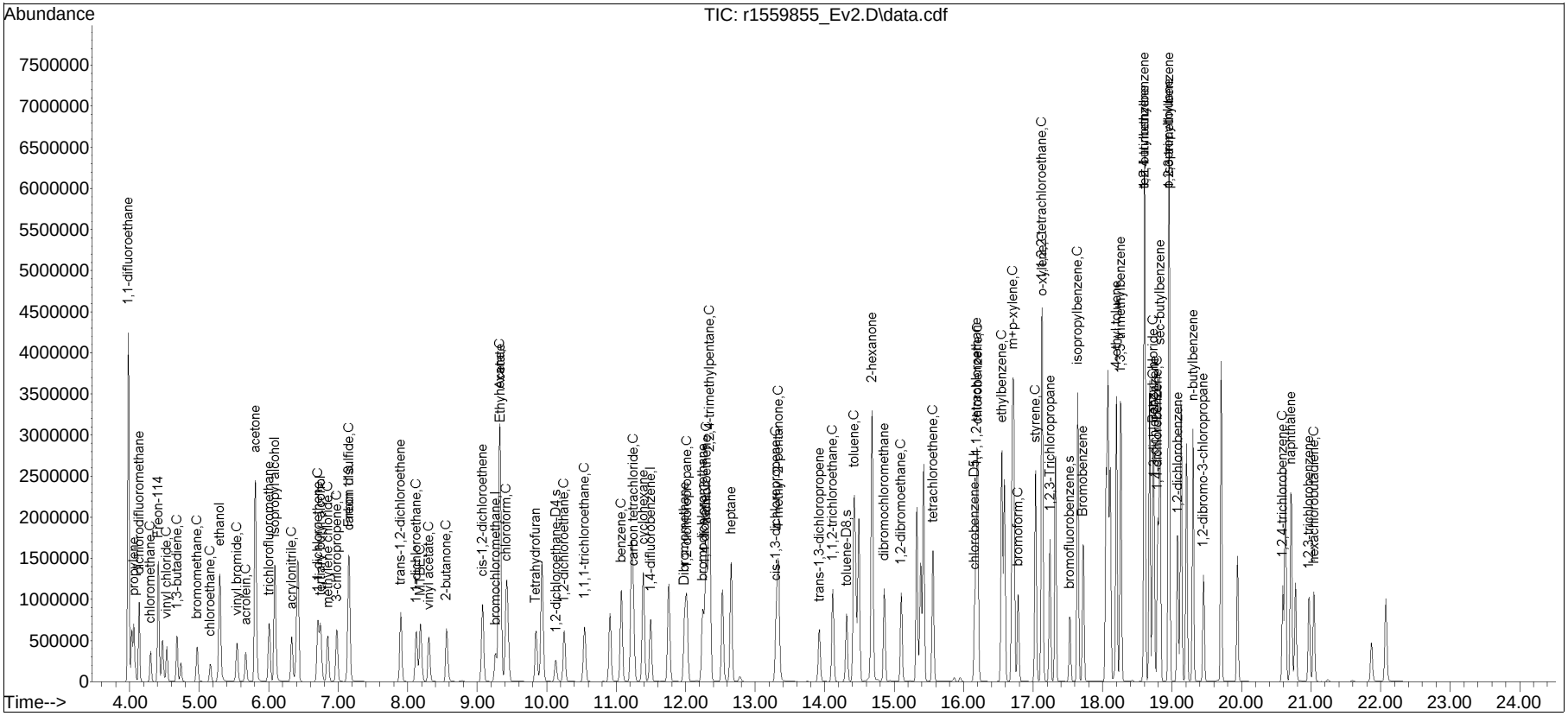
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.717	77	1708532	21.882	ppbV	95
71) 4-ethyl toluene	18.200	105	3005483	23.293	ppbV	97
72) 1,3,5-trimethylbenzene	18.258	105	2575997	21.311	ppbV	98
73) tert-butylbenzene	18.600	119	2712263	21.529	ppbV	98
74) 1,2,4-trimethylbenzene	18.600	105	2611274	21.063	ppbV	99
75) Benzyl Chloride	18.725	91	1953245	27.895	ppbV	97
76) 1,3-dichlorobenzene	18.742	146	1892805M3	22.042	ppbV	
77) 1,4-dichlorobenzene	18.792	146	1851332	21.980	ppbV	98
78) sec-butylbenzene	18.825	105	3884066	21.678	ppbV	97
79) 1,2,3-trimethylbenzene	18.958	105	2730341	21.373	ppbV	100
80) p-isopropyltoluene	18.950	119	3338436	21.256	ppbV	96
81) 1,2-dichlorobenzene	19.083	146	1779615	21.926	ppbV	92
82) n-butylbenzene	19.300	91	3052922	21.910	ppbV	97
83) 1,2-dibromo-3-chloropr...	19.450	75	692502	21.916	ppbV	93
84) 1,2,4-trichlorobenzene	20.592	180	1261479	23.225	ppbV	99
85) naphthalene	20.708	128	3757177	23.219	ppbV	100
86) 1,2,3-trichlorobenzene	20.967	180	1191601	23.352	ppbV	98
87) hexachlorobutadiene	21.042	225	972890	20.971	ppbV	98

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559855_Ev2.D
Acq On : 20 Mar 2026 10:55 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD020
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

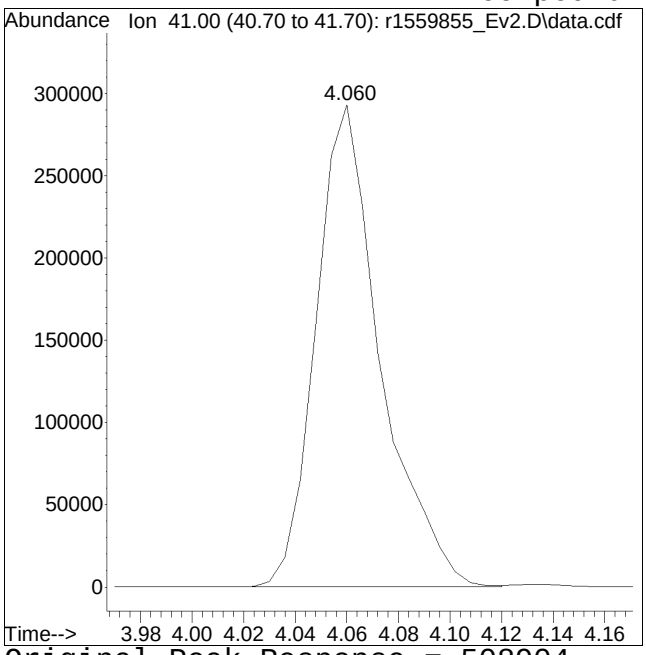


Manual Integration Report

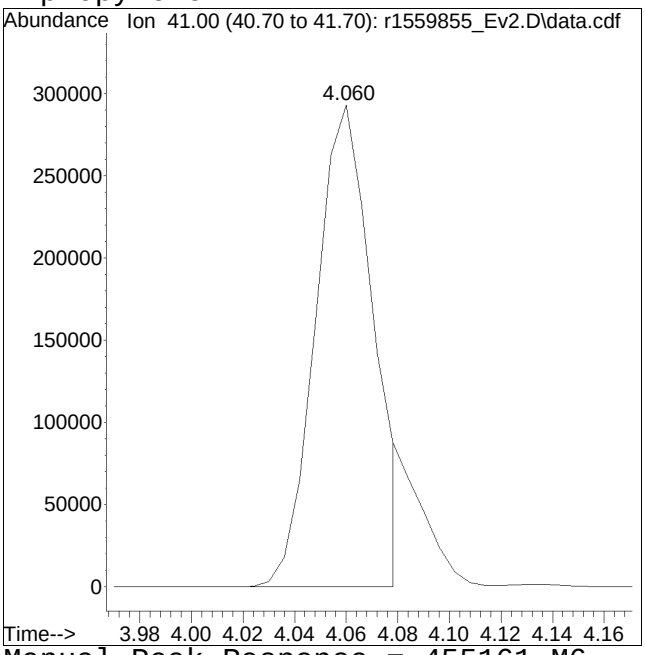
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1559855_Ev2.D
Date Inj'd : 3/20/2026 10:55 PM
Sample : ITO15-SIMSTD020

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 508904



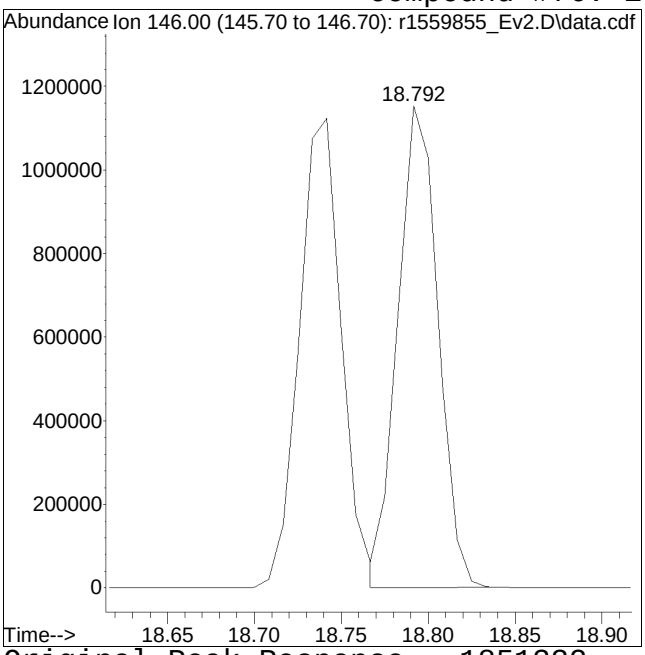
Manual Peak Response = 455161 M6

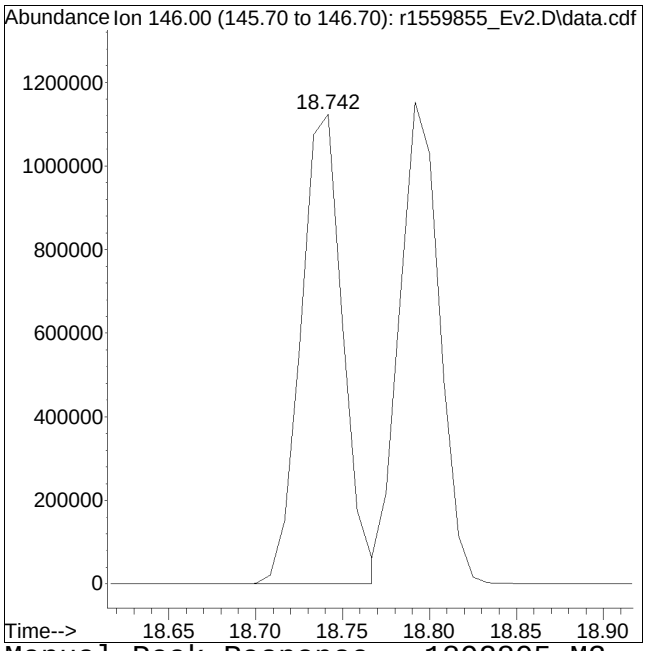
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559855_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/20/2026 10:55 PM Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 3/21/2026 12:05 pm

Compound #76: 1,3-dichlorobenzene





Original Peak Response = 1851332 Manual Peak Response = 1892805 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\Airlab15\2026\03\0320SIM_I\
Data File : r1559856_Ev2.D
Acq On : 20 Mar 2026 11:34 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD050
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:51 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.275	49	362225	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 96.97%			
34) 1,4-difluorobenzene	11.503	114	1009750	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 104.02%			
52) chlorobenzene-D5	16.167	54	171101	10.000	ppbV	# 0.00
Standard Area = 173758			Recovery = 98.47%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.142	65	222414	9.432	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.32%			
54) toluene-D8	14.325	98	891490	10.791	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.91%			
68) bromofluorobenzene	17.533	95	631314	11.616	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.16%			
Target Compounds						Qvalue
2) 1,1-difluoroethane	3.988	51	9435339	348.528	ppbV	97
3) propylene	4.066	41	1057543M6	53.294	ppbV	
4) dichlorodifluoromethane	4.138	85	1954311	43.659	ppbV	98
5) chloromethane	4.306	50	901592	47.482	ppbV	99
6) Freon-114	4.414	85	2049409	43.943	ppbV	93
7) vinyl chloride	4.540	62	1212239	54.632	ppbV	98
8) 1,3-butadiene	4.684	54	815121	51.583	ppbV	84
9) bromomethane	4.978	94	941870	53.028	ppbV	99
10) chloroethane	5.164	64	584885	56.415	ppbV	93
11) ethanol	5.308	31	4089533	309.377	ppbV	94
12) vinyl bromide	5.550	106	883761	60.001	ppbV	100
13) acrolein	5.677	56	556985	56.792	ppbV	96
14) acetone	5.817	43	5239607	186.714	ppbV #	87
15) trichlorofluoromethane	6.010	101	1696878	42.944	ppbV	97
16) isopropyl alcohol	6.107	45	3411521	99.207	ppbV #	95
17) acrylonitrile	6.343	53	929719	42.171	ppbV	96
18) 1,1-dichloroethene	6.714	61	1785539	52.060	ppbV	96
19) tertiary butyl alcohol	6.768	59	2479030	58.789	ppbV	93
20) methylene chloride	6.858	49	1458991	48.096	ppbV	93
21) 3-chloropropene	6.984	41	1655722	56.853	ppbV	99
22) carbon disulfide	7.158	76	3183214	55.512	ppbV	97
23) Freon 113	7.158	101	2167926	51.091	ppbV	98
24) trans-1,2-dichloroethene	7.908	61	1723396	57.780	ppbV	95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559856_Ev2.D
Acq On : 20 Mar 2026 11:34 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD050
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:51 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) 1,1-dichloroethane	8.133	63	2236853	52.604	ppbV		100
26) MTBE	8.200	73	2651622	54.572	ppbV		98
27) vinyl acetate	8.317	43	2776507	76.777	ppbV		97
28) 2-butanone	8.575	43	2464277	51.064	ppbV		96
29) cis-1,2-dichloroethene	9.083	61	1777490	53.520	ppbV		97
30) Ethyl Acetate	9.350	61	464373	60.153	ppbV	#	46
31) chloroform	9.433	83	2154250	47.834	ppbV		96
32) Tetrahydrofuran	9.858	42	1376236	57.143	ppbV		95
33) 1,2-dichloroethane	10.258	62	1323805	49.743	ppbV		99
35) hexane	9.333	57	2240502	49.832	ppbV		76
37) 1,1,1-trichloroethane	10.550	97	1996763	48.200	ppbV		99
38) benzene	11.083	78	4374332	46.281	ppbV		99
39) carbon tetrachloride	11.257	117	1712895	46.701	ppbV		99
40) cyclohexane	11.397	56	2502285	52.403	ppbV		98
41) Dibromomethane	11.997	93	1371897	49.344	ppbV	#	94
42) 1,2-dichloropropane	12.030	63	1630500	50.359	ppbV		98
43) bromodichloromethane	12.257	83	2175949	50.720	ppbV		97
44) 1,4-dioxane	12.283	88	1009660	56.160	ppbV		100
45) trichloroethene	12.303	130	1889643	48.810	ppbV		99
46) 2,2,4-trimethylpentane	12.350	57	7227087	50.041	ppbV		99
47) heptane	12.663	43	2484240	47.956	ppbV	#	92
48) cis-1,3-dichloropropene	13.317	75	1996456	50.204	ppbV		99
49) 4-methyl-2-pentanone	13.342	43	2943144	49.670	ppbV		92
50) trans-1,3-dichloropropene	13.933	75	1410658	51.676	ppbV		99
51) 1,1,2-trichloroethane	14.125	97	1672313	49.335	ppbV		99
53) toluene	14.433	91	5096186	50.433	ppbV		99
55) 2-hexanone	14.692	43	2692237	52.305	ppbV		92
56) dibromochloromethane	14.867	129	2233880	58.095	ppbV		98
57) 1,2-dibromoethane	15.108	107	2336311	50.957	ppbV		97
58) tetrachloroethene	15.567	166	2000921	50.936	ppbV		97
59) 1,1,1,2-tetrachloroethane	16.192	131	1794079	53.009	ppbV		98
60) chlorobenzene	16.208	112	3988040	48.024	ppbV		95
61) ethylbenzene	16.558	91	6578140	49.815	ppbV		97
62) m+p-xylene	16.717	91	10224159	95.399	ppbV		100
63) bromoform	16.792	173	1853131	62.029	ppbV		99
64) styrene	17.042	104	4232398	50.869	ppbV		98
65) 1,1,2,2-tetrachloroethane	17.133	83	3611583	46.795	ppbV		98
66) o-xylene	17.133	91	4979030	45.998	ppbV		98
67) 1,2,3-Trichloropropane	17.250	75	2796424	48.297	ppbV		98
69) isopropylbenzene	17.650	105	6703961	48.384	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559856_Ev2.D
Acq On : 20 Mar 2026 11:34 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD050
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:51 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default - All compounds listed

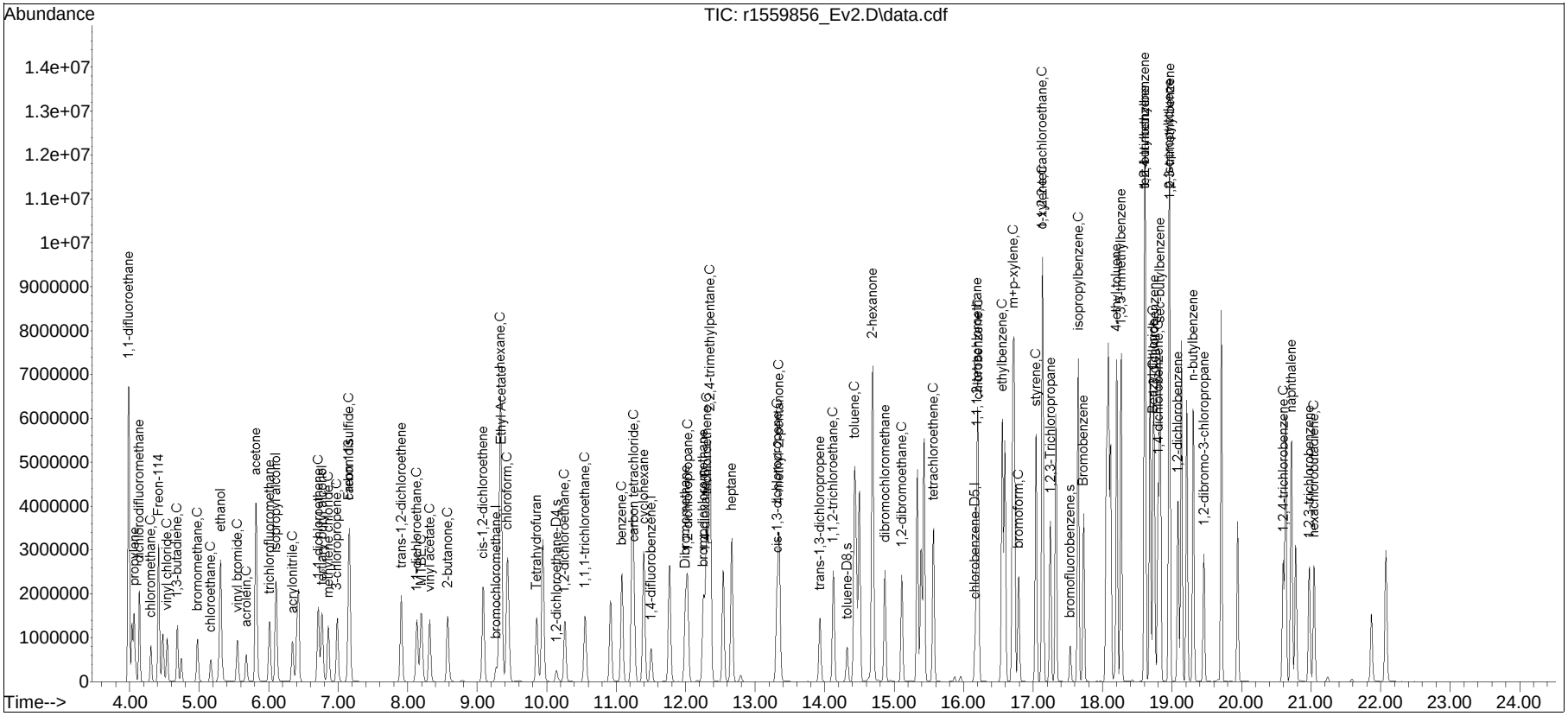
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Bromobenzene	17.725	77	3730780	48.046	ppbV	93
71) 4-ethyl toluene	18.200	105	6524083	50.843	ppbV	97
72) 1,3,5-trimethylbenzene	18.267	105	5671280	47.177	ppbV	97
73) tert-butylbenzene	18.608	119	5475894	43.705	ppbV	92
74) 1,2,4-trimethylbenzene	18.608	105	5383738	43.667	ppbV	97
75) Benzyl Chloride	18.725	91	4678904	67.189	ppbV	98
76) 1,3-dichlorobenzene	18.742	146	4212162	49.321	ppbV	96
77) 1,4-dichlorobenzene	18.800	146	4059619	48.463	ppbV	95
78) sec-butylbenzene	18.825	105	8223671	46.151	ppbV	96
79) 1,2,3-trimethylbenzene	18.967	105	5243758	41.274	ppbV	99
80) p-isopropyltoluene	18.958	119	6092305	39.005	ppbV	91
81) 1,2-dichlorobenzene	19.083	146	3984418	49.361	ppbV	96
82) n-butylbenzene	19.300	91	6717650	48.476	ppbV	97
83) 1,2-dibromo-3-chloropr...	19.458	75	1602848	51.006	ppbV	92
84) 1,2,4-trichlorobenzene	20.600	180	3124378	57.839	ppbV	98
85) naphthalene	20.717	128	9101127	56.555	ppbV	99
86) 1,2,3-trichlorobenzene	20.975	180	3020986	59.530	ppbV	97
87) hexachlorobutadiene	21.042	225	2367385	51.311	ppbV	96

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

Sub List : Default - All compounds listed3\0320SIM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559856_Ev2.D
Acq On : 20 Mar 2026 11:34 PM
Operator : AIRLAB15:KJD
Sample : ITO15-SIMSTD050
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 21 12:05:51 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sat Mar 21 12:04:07 2026
Response via : Initial Calibration

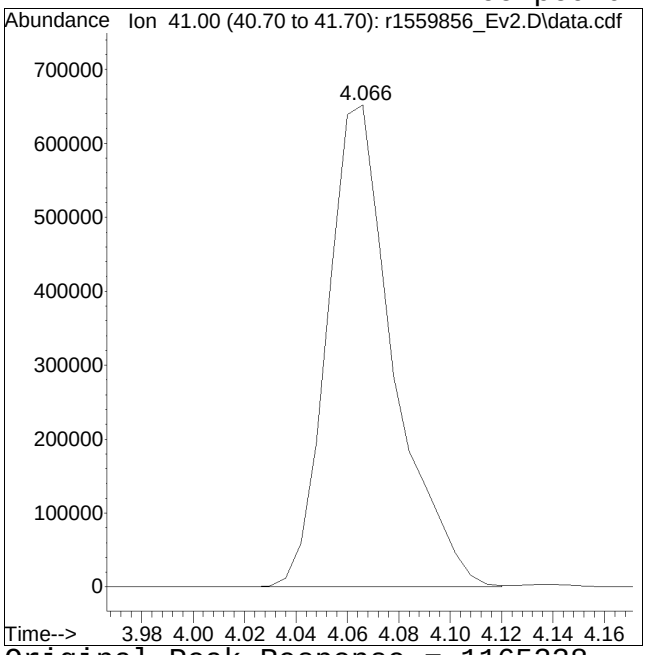


Manual Integration Report

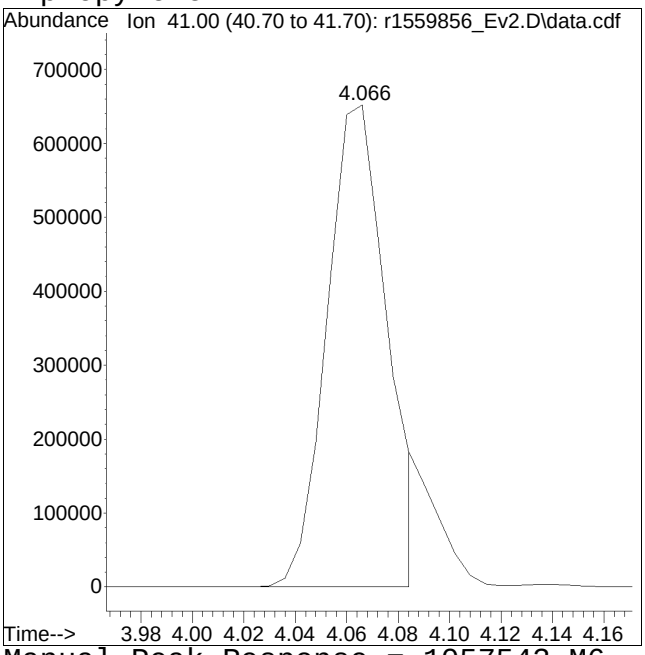
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1559856_Ev2.D
Date Inj'd : 3/20/2026 11:34 PM
Sample : ITO15-SIMSTD050

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/21/2026 12:05 pm

Compound #3: propylene



Original Peak Response = 1165238



Manual Peak Response = 1057543 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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	91	0.00
3		propylene	0.652	0.592	9.2	98	0.00
4		dichlorodifluoromethane	1.233	1.137	7.8	84	0.00
5	C	chloromethane	0.534	0.472	11.6	82	0.00
6		Freon-114	1.307	1.227	6.1	87	0.00
7	C	vinyl chloride	0.650	0.648	0.3	96	0.00
8	C	1,3-butadiene	0.470	0.468	0.4	97	0.00
9	C	bromomethane	0.522	0.558	-6.9	103	0.00
10	C	chloroethane	0.304	0.313	-3.0	99	0.00
11		ethanol	0.441	0.314	28.8	78	0.00
12	C	vinyl bromide	0.459	0.499	-8.7	111	0.00
13	C	acrolein	0.293	0.226	22.9	76	0.00
14		acetone	0.667	0.622	6.7	73	0.00
15		trichlorofluoromethane	1.018	0.928	8.8	77	0.00
16		isopropyl alcohol	0.881	0.723	17.9	69	0.00
17	C	acrylonitrile	0.547	0.405	26.0	60	0.00
18	C	1,1-dichloroethene	0.966	1.001	-3.6	96	0.00
19		tertiary butyl alcohol	1.259	1.140	9.5	89	0.00
20	C	methylene chloride	0.856	0.792	7.5	86	0.00
21	C	3-chloropropene	0.855	0.932	-9.0	105	0.00
22	C	carbon disulfide	1.658	1.753	-5.7	100	0.00
23		Freon 113	1.230	1.225	0.4	95	0.00
24		trans-1,2-dichloroethene	0.881	0.965	-9.5	106	0.00
25	C	1,1-dichloroethane	1.218	1.195	1.9	92	0.00
26	C	MTBE	1.407	1.514	-7.6	102	0.00
27	C	vinyl acetate	1.220	0.721	40.9#	66	0.00
28	C	2-butanone	1.379	1.418	-2.8	97	0.00
29		cis-1,2-dichloroethene	0.928	0.938	-1.1	93	0.00
30		Ethyl Acetate	0.230	0.260	-13.0	111	0.00
31	C	chloroform	1.290	1.188	7.9	87	0.00
32		Tetrahydrofuran	0.709	0.815	-15.0	111	0.00
33	C	1,2-dichloroethane	0.768	0.701	8.7	87	0.00
34	I	1,4-difluorobenzene	1.000	1.000	0.0	94	0.00
35	C	hexane	0.472	0.488	-3.4	103	0.00
36	s	1,2-dichloroethane-D4	0.236	0.233	1.3	94	0.00
37	C	1,1,1-trichloroethane	0.409	0.388	5.1	89	0.00
38	C	benzene	0.969	0.887	8.5	89	0.00
39	C	carbon tetrachloride	0.360	0.335	6.9	87	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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		cyclohexane	0.505	0.523	-3.6	104	0.00
41		Dibromomethane	0.294	0.257	12.6	88	0.00
42	C	1,2-dichloropropane	0.339	0.319	5.9	94	0.00
43		bromodichloromethane	0.445	0.453	-1.8	101	0.00
44	C	1,4-dioxane	0.188	0.199	-5.9	105	0.00
45	C	trichloroethene	0.387	0.378	2.3	93	0.00
46	C	2,2,4-trimethylpentane	1.519	1.645	-8.3	108	0.00
47		heptane	0.532	0.548	-3.0	101	0.00
48	C	cis-1,3-dichloropropene	0.381	0.446	-17.1	107	0.00
49	C	4-methyl-2-pentanone	0.600	0.600	0.0	96	0.00
50		trans-1,3-dichloropropene	0.260	0.314	-20.8	109	0.00
51	C	1,1,2-trichloroethane	0.345	0.327	5.2	92	0.00
52	I	chlorobenzene-D5	1.000	1.000	0.0	87	0.00
53	C	toluene	6.071	6.278	-3.4	93	0.00
54	s	toluene-D8	5.069	5.606	-10.6	101	0.00
55		2-hexanone	3.041	3.236	-6.4	94	0.00
56		dibromochloromethane	2.301	2.735	-18.9	106	0.00
57	C	1,2-dibromoethane	2.695	2.875	-6.7	94	0.00
58	C	tetrachloroethene	2.390	2.456	-2.8	93	0.00
59		1,1,1,2-tetrachloroethane	2.037	1.952	4.2	86	0.00
60	C	chlorobenzene	5.044	4.916	2.5	88	0.00
61	C	ethylbenzene	7.596	7.959	-4.8	90	0.00
62	C	m+p-xylene	6.075	6.436	-5.9	90	0.00
63	C	bromoform	1.744	2.125	-21.8	106	0.00
64	C	styrene	4.512	5.088	-12.8	91	0.00
65	C	1,1,2,2-tetrachloroethane	4.522	4.514	0.2	87	0.00
66	C	o-xylene	6.068	6.420	-5.8	89	0.00
67		1,2,3-Trichloropropane	3.413	3.149	7.7	81	0.00
68	s	bromofluorobenzene	3.535	3.702	-4.7	102	0.00
69	C	isopropylbenzene	8.312	7.970	4.1	86	0.00
70		Bromobenzene	4.512	4.258	5.6	82	0.00
71		4-ethyl toluene	7.177	8.655	-20.6	101	0.00
72		1,3,5-trimethylbenzene	6.749	7.312	-8.3	91	0.00
73		tert-butylbenzene	7.230	7.235	-0.1	86	0.00
74		1,2,4-trimethylbenzene	6.663	7.525	-12.9	91	0.00
75	C	Benzyl Chloride	4.237	3.967	6.4	85	0.00
76		1,3-dichlorobenzene	4.618	5.022	-8.7	88	0.00
77	C	1,4-dichlorobenzene	4.647	4.983	-7.2	89	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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)
78		sec-butylbenzene	10.474	9.961	4.9	83	0.00
80		p-isopropyltoluene	8.383	8.260	1.5	79	0.02
81		1,2-dichlorobenzene	4.533	4.709	-3.9	87	0.03
82		n-butylbenzene	7.995	7.903	1.2	85	0.03
83		1,2-dibromo-3-chloropropane	1.607	1.452	9.6	69	0.04
84	C	1,2,4-trichlorobenzene	2.836	3.205	-13.0	89	0.06
85		naphthalene	8.668	7.861	9.3	73	0.06
86		1,2,3-trichlorobenzene	2.850	2.552	10.5	75	0.07
87	C	hexachlorobutadiene	2.636	2.636	0.0	85	0.06

* 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\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.267	49	338934	10.000	ppbV	0.00
Standard Area = 373547			Recovery = 90.73%			
34) 1,4-difluorobenzene	11.497	114	915020	10.000	ppbV	0.00
Standard Area = 970692			Recovery = 94.26%			
52) chlorobenzene-D5	16.158	54	151549	10.000	ppbV	0.00
Standard Area = 173758			Recovery = 87.22%			
System Monitoring Compounds						
36) 1,2-dichloroethane-D4	10.133	65	213402	9.872	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.72%			
54) toluene-D8	14.317	98	849530	11.058	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.58%			
68) bromofluorobenzene	17.525	95	561105	10.473	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.73%			
Target Compounds						Qvalue
3) propylene	4.066	41	100390M6	4.541	ppbV	
4) dichlorodifluoromethane	4.138	85	192759	4.614	ppbV	99
5) chloromethane	4.306	50	79908	4.418	ppbV	99
6) Freon-114	4.414	85	208018	4.695	ppbV	96
7) vinyl chloride	4.540	62	109815	4.982	ppbV	99
8) 1,3-butadiene	4.684	54	79228	4.978	ppbV	87
9) bromomethane	4.972	94	94499	5.342	ppbV	98
10) chloroethane	5.164	64	53042	5.145	ppbV	93
11) ethanol	5.296	31	266268	17.827	ppbV	97
12) vinyl bromide	5.550	106	84512	5.437	ppbV	99
13) acrolein	5.673	56	38221	3.850	ppbV	95
14) acetone	5.813	43	527069	23.316	ppbV #	89
15) trichlorofluoromethane	6.010	101	157340	4.560	ppbV	97
16) isopropyl alcohol	6.093	45	306324	10.258	ppbV #	96
17) acrylonitrile	6.333	53	68600M6	3.698	ppbV	
18) 1,1-dichloroethene	6.708	61	169662	5.183	ppbV	98
19) tertiary butyl alcohol	6.762	59	193148	4.525	ppbV	94
20) methylene chloride	6.852	49	134289	4.630	ppbV	93
21) 3-chloropropene	6.984	41	157876	5.448	ppbV	99
22) carbon disulfide	7.158	76	297058	5.285	ppbV	98
23) Freon 113	7.152	101	207678	4.983	ppbV	98
24) trans-1,2-dichloroethene	7.900	61	163460	5.472	ppbV	98
25) 1,1-dichloroethane	8.125	63	202455	4.904	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) MTBE	8.200	73	256490	5.380	ppbV		98
27) vinyl acetate	8.308	43	122214	2.956	ppbV		98
28) 2-butanone	8.575	43	240259	5.139	ppbV		96
29) cis-1,2-dichloroethene	9.075	61	158928	5.054	ppbV		98
30) Ethyl Acetate	9.350	61	44058	5.645	ppbV	#	31
31) chloroform	9.417	83	201294	4.604	ppbV		97
32) Tetrahydrofuran	9.858	42	138130	5.750	ppbV		98
33) 1,2-dichloroethane	10.258	62	118811	4.565	ppbV		98
35) hexane	9.325	57	223237	5.170	ppbV	#	71
37) 1,1,1-trichloroethane	10.550	97	177472	4.741	ppbV		99
38) benzene	11.077	78	405673	4.574	ppbV		99
39) carbon tetrachloride	11.250	117	153351	4.652	ppbV		99
40) cyclohexane	11.390	56	239321	5.178	ppbV		97
41) Dibromomethane	11.983	93	117390	4.358	ppbV	#	96
42) 1,2-dichloropropane	12.017	63	145959	4.704	ppbV		98
43) bromodichloromethane	12.243	83	207259	5.093	ppbV		100
44) 1,4-dioxane	12.283	88	91108	5.303	ppbV		98
45) trichloroethene	12.297	130	173163	4.893	ppbV		98
46) 2,2,4-trimethylpentane	12.343	57	752483	5.414	ppbV		98
47) heptane	12.657	43	250712	5.150	ppbV		93
48) cis-1,3-dichloropropene	13.308	75	204258	5.859	ppbV		99
49) 4-methyl-2-pentanone	13.342	43	274505	5.001	ppbV		94
50) trans-1,3-dichloropropene	13.925	75	143447	6.023	ppbV		98
51) 1,1,2-trichloroethane	14.117	97	149698	4.739	ppbV		99
53) toluene	14.425	91	475745	5.171	ppbV		99
55) 2-hexanone	14.692	43	245182	5.320	ppbV	#	98
56) dibromochloromethane	14.858	129	207234	5.943	ppbV		98
57) 1,2-dibromoethane	15.100	107	217821	5.334	ppbV		99
58) tetrachloroethene	15.558	166	186130	5.139	ppbV		97
59) 1,1,1,2-tetrachloroethane	16.183	131	147918	4.792	ppbV		98
60) chlorobenzene	16.200	112	372476	4.873	ppbV		96
61) ethylbenzene	16.550	91	603089	5.239	ppbV		99
62) m+p-xylene	16.708	91	975356	10.594	ppbV		99
63) bromoform	16.783	173	161025	6.092	ppbV		99
64) styrene	17.033	104	385567	5.639	ppbV		100
65) 1,1,2,2-tetrachloroethane	17.125	83	342017	4.991	ppbV		99
66) o-xylene	17.125	91	486505	5.291	ppbV		97
67) 1,2,3-Trichloropropane	17.242	75	238609	4.613	ppbV		99
69) isopropylbenzene	17.642	105	603931	4.794	ppbV		98
70) Bromobenzene	17.717	77	322644	4.719	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\r1559853_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

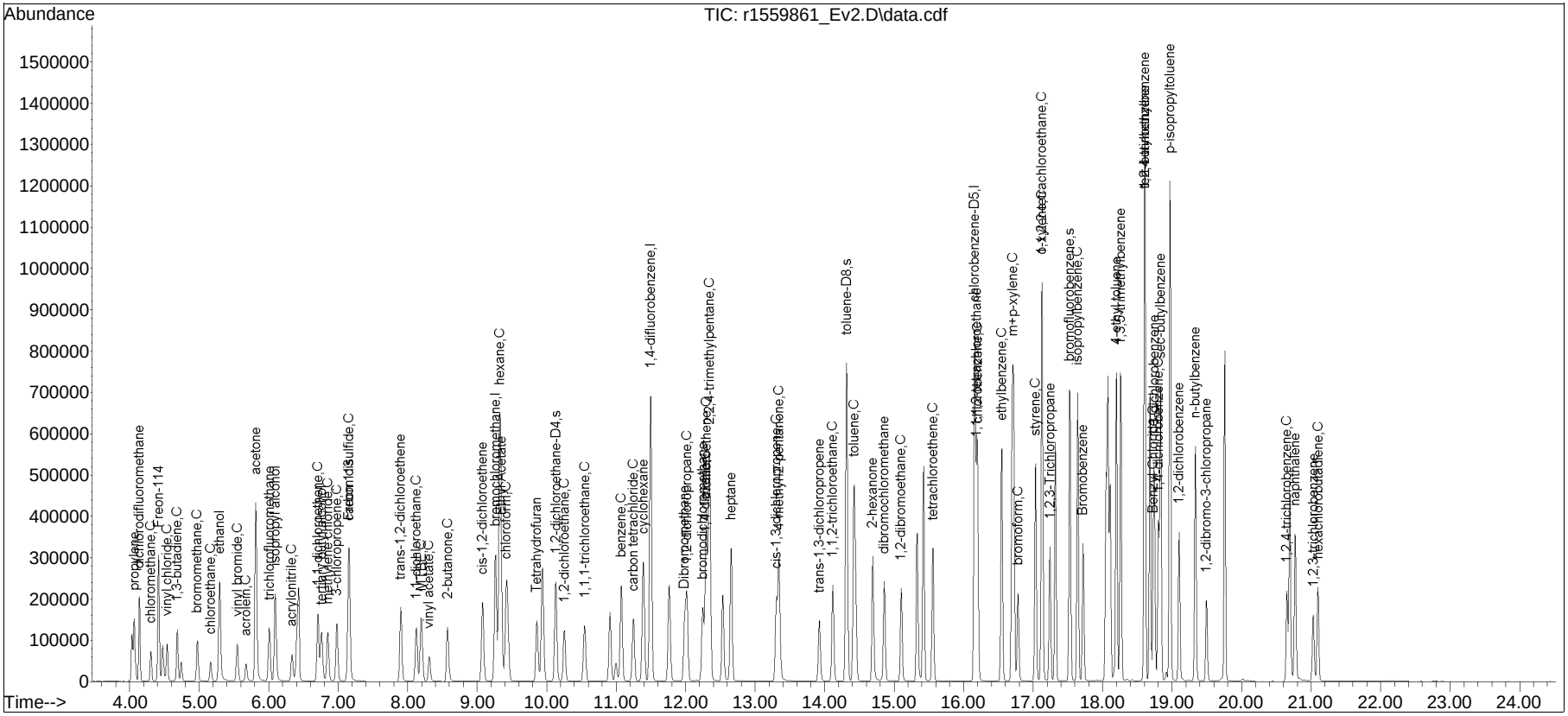
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 4-ethyl toluene	18.200	105	655797	6.030	ppbV	98
72) 1,3,5-trimethylbenzene	18.258	105	554049	5.417	ppbV	99
73) tert-butylbenzene	18.608	119	548222	5.003	ppbV	98
74) 1,2,4-trimethylbenzene	18.608	105	570214	5.647	ppbV	93
75) Benzyl Chloride	18.725	91	300568	4.681	ppbV	96
76) 1,3-dichlorobenzene	18.742	146	380569	5.438	ppbV	97
77) 1,4-dichlorobenzene	18.800	146	377600	5.362	ppbV	98
78) sec-butylbenzene	18.833	105	754776	4.755	ppbV	100
80) p-isopropyltoluene	18.967	119	625913	4.927	ppbV	98
81) 1,2-dichlorobenzene	19.100	146	356856	5.195	ppbV	96
82) n-butylbenzene	19.333	91	598826	4.942	ppbV	99
83) 1,2-dibromo-3-chloropr...	19.492	75	110004	4.517	ppbV	97
84) 1,2,4-trichlorobenzene	20.650	180	242860	5.650	ppbV	100
85) naphthalene	20.767	128	595647	4.534	ppbV	100
86) 1,2,3-trichlorobenzene	21.033	180	193404	4.477	ppbV	96
87) hexachlorobutadiene	21.100	225	199708	4.999	ppbV	99

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

Sub List : Default-ICV-AP2 - All compounds listedM_I\r1559853_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\
Data File : r1559861_Ev2.D
Acq On : 21 Mar 2026 1:23 PM
Operator : AIRLAB15:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2188474
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 23 14:36:40 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0320SIM_I\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

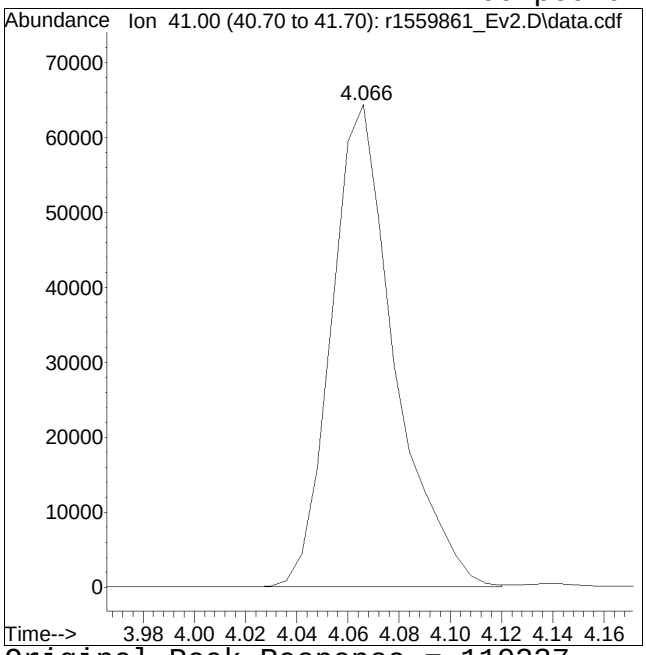


Manual Integration Report

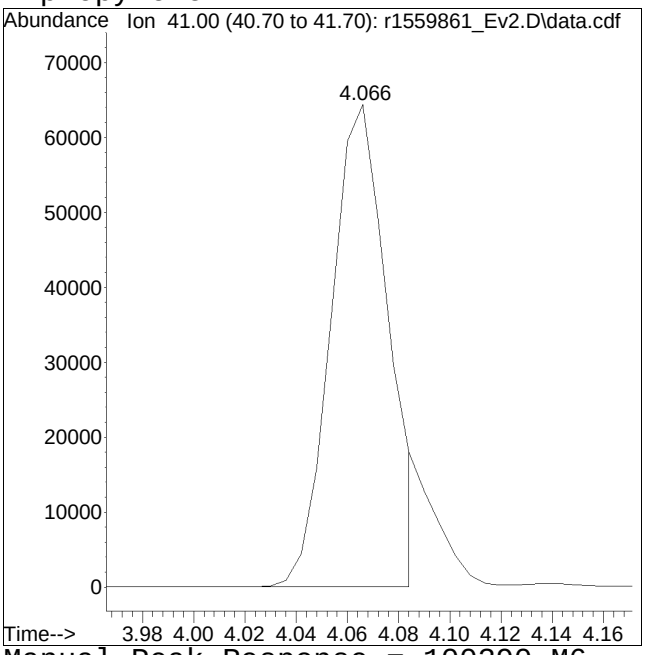
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1559861_Ev2.D
Date Inj'd : 3/21/2026 1:23 PM
Sample : CTO15-SIMSTD5.0

Method : TSIM15_260320.M
Operator : AIRLAB15:KJD
Instrument :
Quant Date : 3/23/2026 2:36 pm

Compound #3: propylene



Original Peak Response = 110237



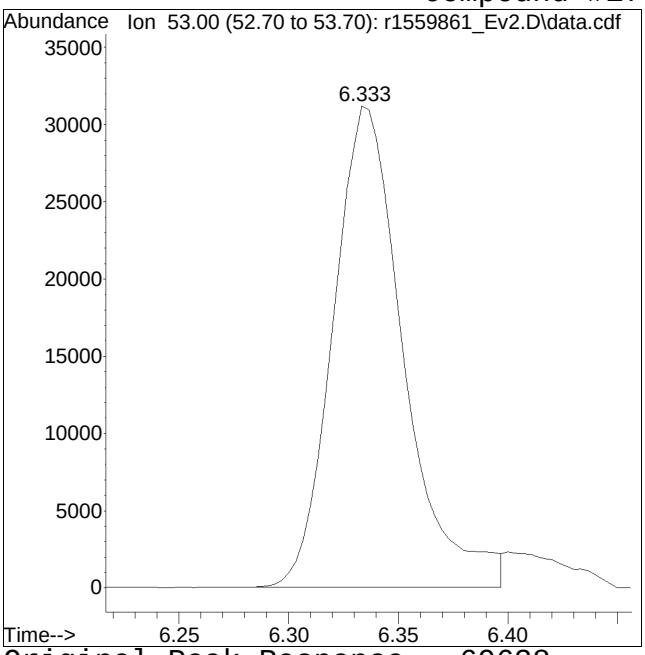
Manual Peak Response = 100390 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

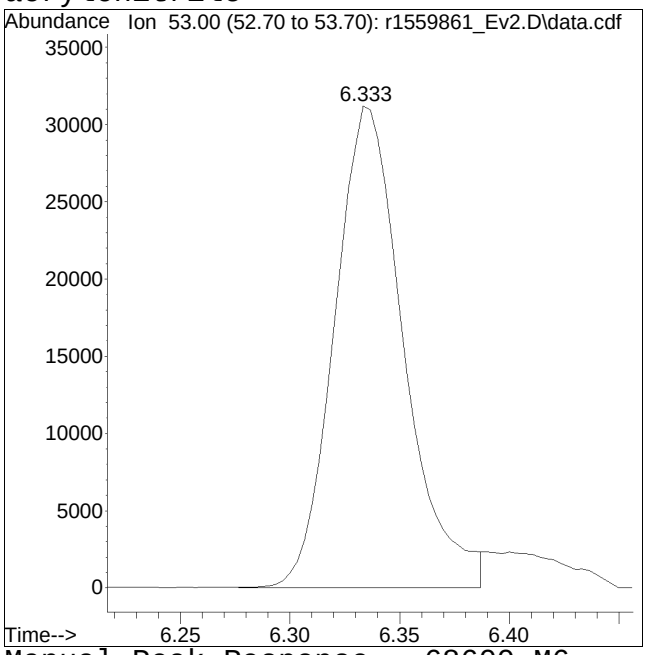
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1559861_Ev2.D Operator : AIRLAB15:KJD
Date Inj'd : 3/21/2026 1:23 PM Instrument :
Sample : CTO15-SIMSTD5.0 Quant Date : 3/23/2026 2:36 pm

Compound #17: acrylonitrile



Original Peak Response = 69638



Manual Peak Response = 68600 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Response Factor Report Airlab26

Method Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Method File : TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026
Response Via : Initial Calibration

Calibration Files
0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D
5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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				0.744	0.759	0.722	0.634	0.617	0.621	0.567	0.666	11.12
3)		dichlorodifluo...				2.218	2.294	2.269	2.049	1.975	1.948	1.721	2.068	10.03
4)	C	chloromethane				0.763	0.786	0.775	0.705	0.674	0.676	0.633	0.716	8.25
5)		Freon-114		2.455	2.471	2.441	2.529	2.470	2.226	2.128	2.085	1.813	2.291	10.61
6)	C	vinyl chloride	0.993	0.975	0.941	0.912	0.951	0.932	0.843	0.812	0.820	0.769	0.895	8.64
7)	C	1,3-butadiene	0.711	0.580	0.614	0.588	0.615	0.599	0.520	0.504	0.532	0.503	0.577	11.16
8)	C	bromomethane	1.007	0.920	0.890	0.874	0.888	0.865	0.794	0.772	0.792	0.744	0.855	9.33
9)	C	chloroethane			0.525	0.513	0.517	0.504	0.467	0.451	0.463	0.442	0.485	6.80
10)		ethanol					0.370	0.367	0.356	0.345	0.344	0.309	0.349	6.32
11)	C	vinyl bromide				0.856	0.933	0.889	0.779	0.760	0.807	0.759	0.826	8.22
12)	C	acrolein		0.433	0.483	0.440	0.401	0.392	0.373	0.363	0.376	0.360	0.402	10.34
13)		acetone				0.996	1.021	1.004	0.851	0.808	0.811	0.681	0.882	14.56
14)		trichlorofluor...		2.073	2.106	2.029	2.098	2.055	1.863	1.807	1.820	1.656	1.945	8.32
15)		isopropyl alcohol				1.405	1.284	1.304	0.895	0.870	1.009	0.889	1.094	20.97
16)	C	acrylonitrile				0.647	0.677	0.685	0.622	0.606	0.617	0.590	0.635	5.66

Method Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Method File : TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026
Response Via : Initial Calibration

Calibration Files
0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D
5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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...	1.336	1.240	1.287	1.215	1.308	1.269	1.150	1.120	1.136	1.052	1.211	7.69
18)		tertiary butyl...					1.505	1.541	1.366	1.365	1.582	1.400	1.460	6.49
19)	C	methylene chlo...					0.849	0.849	0.806	0.719	0.729	0.741	0.782	7.68
20)	C	3-chloropropene				0.742	0.756	0.750	0.699	0.662	0.706	0.660	0.711	5.66
21)	C	carbon disulfide				2.329	2.405	2.343	2.052	1.988	2.080	1.857	2.151	9.69
22)		Freon 113	1.885	1.877	1.905	1.797	1.886	1.838	1.668	1.621	1.632	1.480	1.759	8.40
23)		trans-1,2-dich...	1.141	1.075	1.111	1.069	1.115	1.094	0.969	0.955	1.125	0.955	1.061	6.92
24)	C	1,1-dichloroet...	1.579	1.461	1.486	1.451	1.488	1.471	1.341	1.319	1.495	1.250	1.434	6.91
25)	C	MTBE	2.219	2.141	2.239	2.079	2.172	2.115	1.855	1.878	2.057	1.745	2.050	8.18
26)	C	vinyl acetate					1.163	1.303	1.353	1.429	1.635	1.466	1.392	11.50
27)	C	2-butanone				1.488	1.506	1.829	1.576	1.689	1.750	1.618	1.637	7.71
28)		cis-1,2-dichlo...	1.252	1.270	1.253	1.206	1.236	1.201	1.138	1.127	1.153	1.075	1.191	5.45
29)		Ethyl Acetate					0.412	0.375	0.261	0.289	0.307	0.263	0.318	19.56
30)	C	chloroform	2.014	1.947	1.988	1.833	1.915	1.868	1.724	1.686	1.731	1.604	1.831	7.59
31)		Tetrahydrofuran				0.699	0.678	0.693	0.655	0.657	0.684	0.663	0.676	2.60
32)	C	1,2-dichloroet...	1.181	1.064	1.122	1.061	1.079	1.060	0.992	0.986	1.014	0.956	1.051	6.44

Method Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Method File : TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026
Response Via : Initial Calibration

Calibration Files
0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D
5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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				0.474	0.470	0.466	0.333	0.329	0.343	0.316	0.390	19.28
35)	s	1,2-dichloroet...				0.218	0.217	0.217	0.214	0.230	0.216	0.216	0.218	2.52
36)	C	1,1,1-trichlor...	0.581	0.539	0.546	0.538	0.538	0.540	0.504	0.510	0.520	0.483	0.530	5.12
37)	C	benzene		0.942	0.944	0.946	0.922	0.896	0.840	0.823	0.832	0.745	0.877	8.03
38)	C	carbon tetrach...	0.536	0.515	0.519	0.515	0.516	0.516	0.486	0.482	0.499	0.462	0.505	4.37
39)		cyclohexane				0.399	0.398	0.393	0.350	0.344	0.374	0.341	0.371	7.05
40)		Dibromomethane		0.373	0.367	0.346	0.339	0.331	0.329	0.328	0.327	0.307	0.339	6.17
41)	C	1,2-dichloropr...	0.354	0.327	0.346	0.323	0.323	0.319	0.302	0.298	0.305	0.285	0.318	6.68
42)		bromodichlorom...	0.568	0.575	0.581	0.552	0.556	0.552	0.509	0.511	0.548	0.511	0.546	4.93
43)	C	1,4-dioxane			0.141	0.192	0.177	0.185	0.157	0.173	0.190	0.178	0.174	10.02
44)	C	trichloroethene	0.456	0.417	0.426	0.445	0.447	0.441	0.394	0.392	0.396	0.365	0.418	7.17
45)	C	2,2,4-trimethy...				1.205	1.234	1.214	1.044	1.051	1.085	0.950	1.112	9.64
46)		heptane				0.404	0.396	0.394	0.352	0.352	0.371	0.340	0.373	6.79
47)	C	cis-1,3-dichlo...	0.457	0.444	0.458	0.449	0.451	0.460	0.433	0.442	0.469	0.437	0.450	2.50
48)	C	4-methyl-2-pen...					0.513	0.523	0.486	0.483	0.503	0.458	0.494	4.73

Method Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Method File : TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026
Response Via : Initial Calibration

Calibration Files
0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D
5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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...	0.361	0.347	0.342	0.328	0.339	0.340	0.325	0.330	0.361	0.346	0.342	3.69
50)	C	1,1,2-trichlor...	0.398	0.426	0.400	0.376	0.385	0.383	0.369	0.369	0.383	0.354	0.384	5.24
51)	I	chlorobenzene-D5	----------ISTD----------											
52)	C	toluene			8.399	7.939	8.133	8.190	7.380	7.349	7.262	6.286	7.617	9.06
53)	s	toluene-D8				5.945	5.946	5.984	5.813	5.927	5.819	5.874	5.901	1.13
54)		2-hexanone				3.597	3.312	3.762	3.414	3.436	3.566	3.214	3.472	5.33
55)		dibromochlorom...	4.162	4.004	4.110	3.874	3.923	4.012	3.679	3.757	3.983	3.719	3.922	4.17
56)	C	1,2-dibromoethane	4.647	4.362	4.364	4.037	4.150	4.188	3.870	3.891	4.014	3.665	4.119	6.97
57)	C	tetrachloroethene	4.017	3.666	3.843	3.664	3.658	3.667	3.303	3.300	3.335	3.041	3.549	8.32
58)		1,1,1,2-tetrac...	3.281	3.165	3.214	2.998	3.092	3.115	3.071	3.108	3.108	2.890	3.104	3.49
59)	C	chlorobenzene	7.027	6.804	6.829	6.472	6.528	6.508	6.025	5.967	5.964	5.143	6.327	8.84
60)	C	ethylbenzene	1.075	1.023	1.046	0.998	1.008	1.025	0.951	0.945	0.916	0.766	0.975	9.05
61)	C	m+p-xylene	8.662	8.432	8.570	8.013	8.144	8.141	7.403	7.203	6.915	5.542	7.703	12.48
62)	C	bromoform	3.543	3.498	3.478	3.284	3.345	3.377	3.273	3.348	3.650	3.412	3.421	3.51
63)	C	styrene	4.919	5.166	5.477	5.517	5.638	5.934	5.637	5.771	5.859	5.104	5.502	6.16
64)	C	1,1,2,2-tetrac...	6.669	6.510	6.642	5.786	5.923	5.985	5.670	5.578	5.731	4.913	5.941	9.18

Method Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Method File : TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026
Response Via : Initial Calibration

Calibration Files
0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D
5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.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	8.376	8.163	8.231	7.645	7.886	7.890	7.190	7.119	6.933	5.924	7.536	9.99
66)		1,2,3-Trichlor...	4.930	4.671	4.785	4.281	4.327	4.364	4.302	4.291	4.213	3.794	4.396	7.38
67)	s	bromofluoroben...				3.613	3.705	3.607	3.524	3.569	3.529	3.537	3.583	1.81
68)	C	isopropylbenzene				1.082	1.169	1.156	1.089	1.068	0.973	0.789	1.047	12.48
69)		Bromobenzene	7.608	8.133	8.138	7.047	7.107	7.080	6.887	6.771	6.539	5.734	7.104	10.22
70)		4-ethyl toluene	1.037	1.055	1.078	0.948	0.997	1.017	0.974	0.950	0.966	0.785	0.981	8.35
71)		1,3,5-trimethy...	9.230	9.161	8.654	8.282	8.191	8.383	8.038	8.048	7.946	6.635	8.257	8.81
72)		tert-butylbenzene				9.106	9.300	9.403	9.512	9.344	8.859	7.401	8.989	8.15
73)		1,2,4-trimethy...	9.523	9.153	9.444	8.202	8.532	8.691	8.561	8.384	8.306	6.849	8.564	8.90
74)	C	Benzyl Chloride			7.291	5.809	6.170	6.471	6.942	7.021	7.629	6.642	6.747	8.83
75)		1,3-dichlorobe...	6.813	7.076	7.173	6.145	6.324	6.417	6.468	6.366	6.499	5.710	6.499	6.67
76)	C	1,4-dichlorobe...	8.184	7.808	7.956	6.550	6.432	6.400	6.425	6.370	6.585	5.657	6.837	12.23
77)		sec-butylbenzene				1.285	1.332	1.335	1.356	1.281	1.200	0.947	1.248	11.40
78)		p-isopropyltol...				1.125	1.140	1.172	1.207	1.188	1.118	0.897	1.121	9.30
79)		1,2-dichlorobe...	7.752	7.339	7.281	6.134	6.147	6.141	6.254	6.246	6.367	5.532	6.519	10.66
80)		n-butylbenzene				0.987	1.026	1.026	1.138	1.096	1.033	0.832	1.020	9.50

Method Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Method File : TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026
Response Via : Initial Calibration

Calibration Files
0.02=R267624.D 0.05=R267625.D 0.1 =R267626.D 0.2 =R267627.D 0.5 =R267628.D 1.0 =R267629.D
5.0 =R267630.D 10.0=R267631.D 20.0=R267632.D 50.0=R267633.D

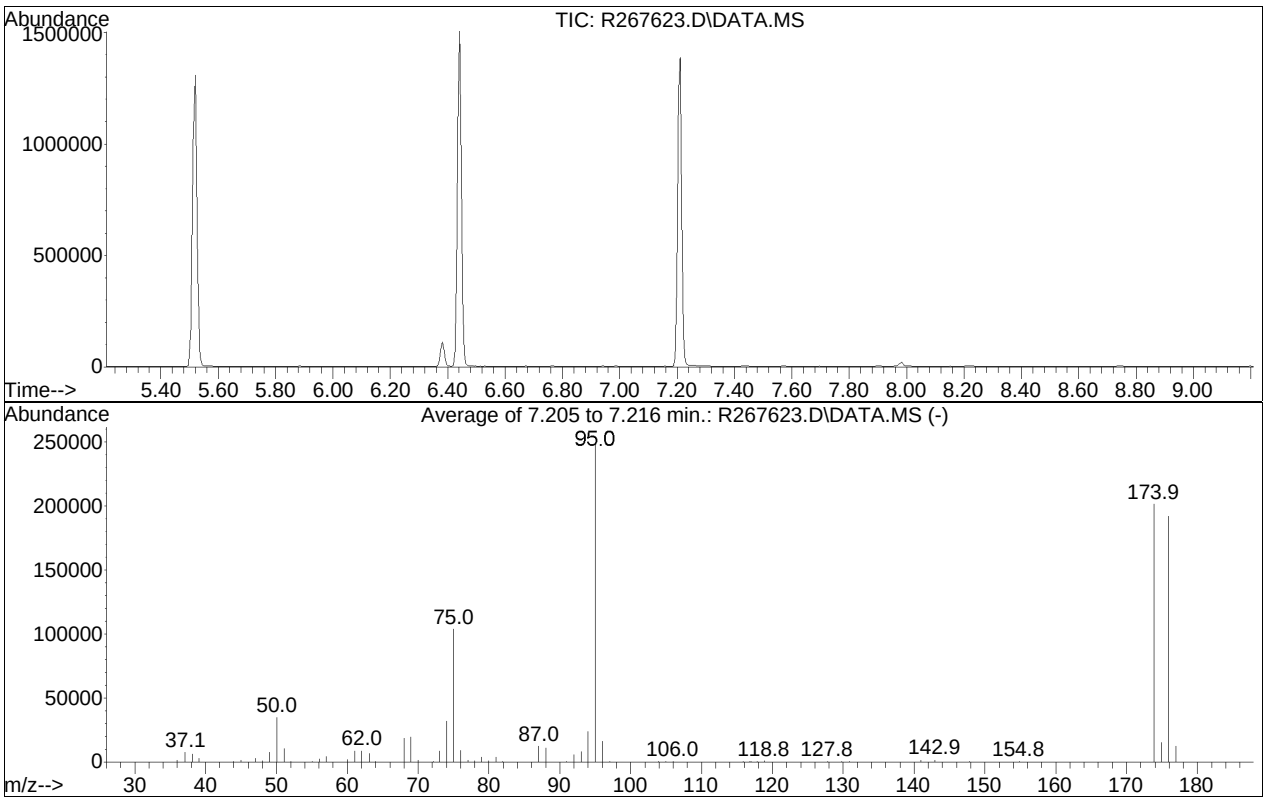
		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
81)		1,2-dibromo-3-...	3.591	3.167	3.211	2.291	2.236	2.319	2.901	2.955	3.074	2.895	2.864	15.67
82)	C	1,2,4-trichlor...		7.326	7.558	4.735	4.765	5.064	6.096	6.114	6.555	6.173	6.043	17.09
83)		naphthalene		1.876	1.852	1.223	1.288	1.456	1.611	1.569	1.421	1.102	1.489	17.93
84)		1,2,3-trichlor...		7.213	7.369	4.108	4.208	4.412	7.055	6.844	6.726	6.058	5.999	22.84
85)	C	hexachlorobuta...		4.543	4.774	2.859	3.017	3.059	4.141	4.292	4.429	4.139	3.917	18.70

(#) = Out of Range

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267623.D
Acq On : 07 Jan 2026 08:31 pm
Operator : AIRLAB26:KJD
Sample : WG2163147-1,3,250,250
Misc : WG2163147
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Jan 08 17:59:57 2026



AutoFind: Scans 801, 802, 803; Background Corrected with Scan 794

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.0	34979	PASS
75	95	30	66	41.7	103989	PASS
95	95	100	100	100.0	249664	PASS
96	95	5	9	6.6	16403	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	80.9	201856	PASS
175	174	4	9	7.5	15110	PASS
176	174	93	101	95.3	192299	PASS
177	176	5	9	6.5	12519	PASS

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267624.D
Acq On : 07 Jan 2026 09:01 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:01 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	212520	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 108.10%			
33) 1,4-difluorobenzene	4.324	114	696577	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 105.70%			
51) chlorobenzene-D5	6.439	54	93716	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 102.96%			
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	0.000	95	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
Target Compounds						Qvalue
2) propylene	1.933	41	444M4	0.033	ppbV	
3) dichlorodifluoromethane	1.955	85	960M6	0.022	ppbV	
4) chloromethane	1.999	50	413M6	0.023	ppbV	
5) Freon-114	2.032	85	1094M4	0.023	ppbV	
6) vinyl chloride	2.065	62	422M4	0.024	ppbV	
7) 1,3-butadiene	2.103	54	302	0.027	ppbV	# 62
8) bromomethane	2.180	94	428	0.025	ppbV	89
9) chloroethane	2.229	64	216M4	0.022	ppbV	
10) ethanol	2.268	31	1104M4	0.146	ppbV	
11) vinyl bromide	2.329	106	410M4	0.025	ppbV	
12) acrolein	2.369	56	236M4	0.029	ppbV	
13) acetone	2.414	43	3622M4	0.200	ppbV	
14) trichlorofluoromethane	2.454	101	906M4	0.023	ppbV	
15) isopropyl alcohol	2.482	45	2685M4	0.141	ppbV	
16) acrylonitrile	2.533	53	301M6	0.023	ppbV	
17) 1,1-dichloroethene	2.634	61	568m	0.023	ppbV	
18) tertiary butyl alcohol	2.662	59	1299M6	0.045	ppbV	
19) methylene chloride	2.662	49	770M6	0.045	ppbV	
20) 3-chloropropene	2.701	41	377M6	0.025	ppbV	
21) carbon disulfide	2.753	76	1295	0.030	ppbV	# 73
22) Freon 113	2.753	101	801	0.023	ppbV	96
23) trans-1,2-dichloroethene	2.971	61	485M6	0.024	ppbV	
24) 1,1-dichloroethane	3.046	63	671M6	0.024	ppbV	

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267624.D
Acq On : 07 Jan 2026 09:01 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:01 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.090	73	943M6	0.024	ppbV		
26) vinyl acetate	3.112	43	980M6	0.034	ppbV		
27) 2-butanone	3.223	43	708M6	0.021	ppbV		
28) cis-1,2-dichloroethene	3.366	61	532M6	0.022	ppbV		
29) Ethyl Acetate	3.500	61	184M6	0.033	ppbV		
30) chloroform	3.493	83	856	0.023	ppbV	#	100
31) Tetrahydrofuran	3.711	42	292M3	0.021	ppbV		
32) 1,2-dichloroethane	3.809	62	502	0.024	ppbV	#	95
34) hexane	3.471	57	655	0.028	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	810M4	0.023	ppbV		
37) benzene	4.126	78	1337M4	0.023	ppbV		
38) carbon tetrachloride	4.201	117	747M4	0.022	ppbV		
39) cyclohexane	4.258	56	651M6	0.027	ppbV		
40) Dibromomethane	4.503	93	681	0.030	ppbV	#	100
41) 1,2-dichloropropane	4.521	63	493M4	0.023	ppbV		
42) bromodichloromethane	4.616	83	792	0.022	ppbV	#	100
43) 1,4-dioxane	4.719	88	202M6	0.018	ppbV		
44) trichloroethene	4.644	130	635	0.023	ppbV	#	46
45) 2,2,4-trimethylpentane	4.682	57	1709M6	0.023	ppbV		
46) heptane	4.833	43	631M6	0.026	ppbV		
47) cis-1,3-dichloropropene	5.084	75	636M6	0.021	ppbV		
48) 4-methyl-2-pentanone	5.156	43	845	0.025	ppbV	#	55
49) trans-1,3-dichloropropene	5.356	75	503	0.022	ppbV	#	100
50) 1,1,2-trichloroethane	5.427	97	555	0.022	ppbV	#	1
52) toluene	5.571	91	1741	0.025	ppbV		99
54) 2-hexanone	5.795	43	391M6	0.012	ppbV		
55) dibromochloromethane	5.763	129	780	0.023	ppbV		97
56) 1,2-dibromoethane	5.882	107	871	0.024	ppbV		97
57) tetrachloroethene	6.130	166	753	0.024	ppbV		95
58) 1,1,1,2-tetrachloroethane	6.461	131	615M4	0.021	ppbV		
59) chlorobenzene	6.466	112	1317	0.023	ppbV	#	1
60) ethylbenzene	6.668	91	2015	0.023	ppbV		99
61) m+p-xylene	6.761	91	3247M4	0.047	ppbV		
62) bromoform	6.761	173	664M4	0.022	ppbV		
63) styrene	6.940	104	922M6	0.017	ppbV		
64) 1,1,2,2-tetrachloroethane	6.986	83	1250	0.024	ppbV		99
65) o-xylene	6.986	91	1570	0.023	ppbV		98
66) 1,2,3-Trichloropropane	7.050	75	924	0.023	ppbV		96
68) isopropylbenzene	7.300	105	2415	0.024	ppbV		98
69) Bromobenzene	7.312	77	1426M6	0.022	ppbV		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267624.D
Acq On : 07 Jan 2026 09:01 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:01 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

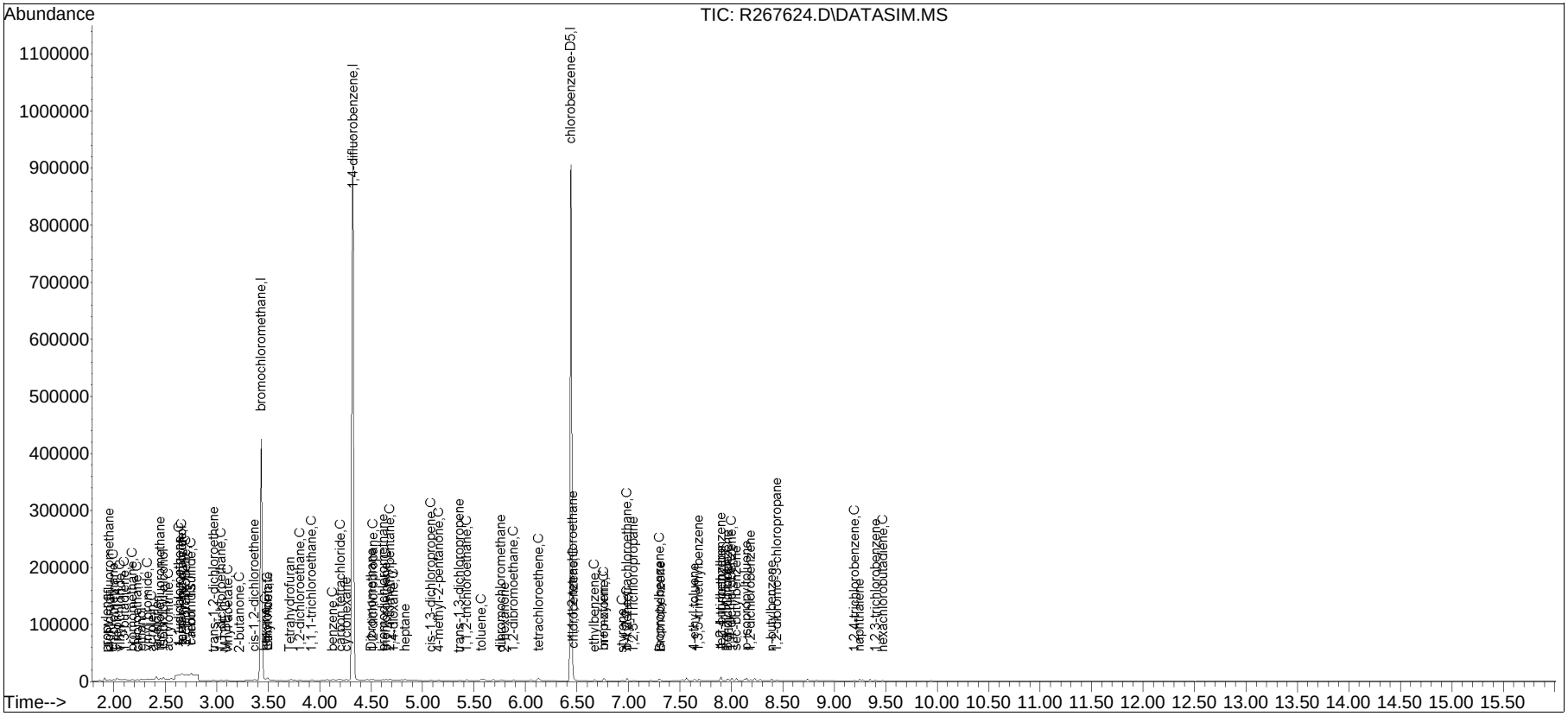
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 4-ethyl toluene	7.643	105	1944M4	0.021	ppbV		
71) 1,3,5-trimethylbenzene	7.682	105	1730M3	0.023	ppbV		
72) tert-butylbenzene	7.898	119	2050	0.023	ppbV		100
73) 1,2,4-trimethylbenzene	7.898	105	1785	0.022	ppbV		98
74) Benzyl Chloride	7.962	91	1238	0.019	ppbV	#	89
75) 1,3-dichlorobenzene	7.962	146	1277M6	0.021	ppbV		
76) 1,4-dichlorobenzene	8.002	146	1534M4	0.025	ppbV		
77) sec-butylbenzene	8.050	105	2807	0.022	ppbV		100
78) p-isopropyltoluene	8.145	119	2388	0.021	ppbV		98
79) 1,2-dichlorobenzene	8.185	146	1453	0.025	ppbV		97
80) n-butylbenzene	8.393	91	2317	0.022	ppbV		97
81) 1,2-dibromo-3-chloropr...	8.441	75	673	0.025	ppbV	#	89
82) 1,2,4-trichlorobenzene	9.197	180	1464	0.026	ppbV		97
83) naphthalene	9.244	128	3796	0.025	ppbV		95
84) 1,2,3-trichlorobenzene	9.401	180	1467M6	0.022	ppbV		
85) hexachlorobutadiene	9.472	225	936	0.024	ppbV		96

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267624.D
Acq On : 07 Jan 2026 09:01 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.02
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:01 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

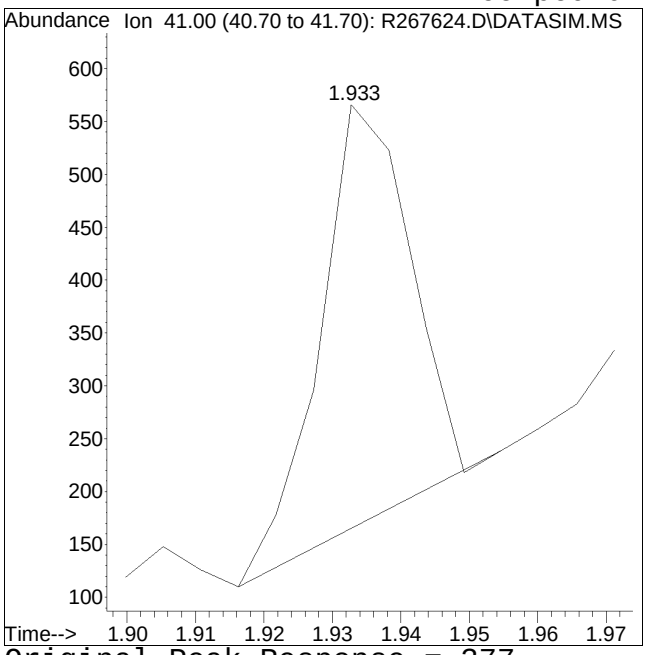


Manual Integration Report

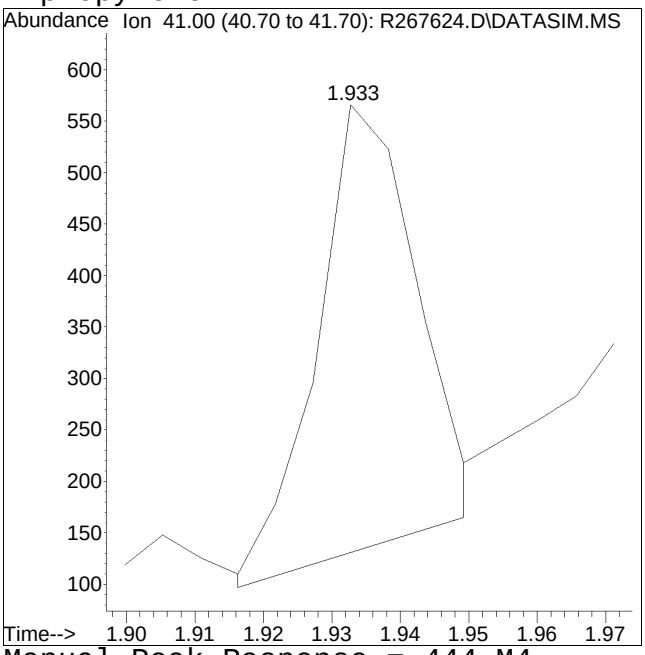
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267624.D
Date Inj'd : 1/7/2026 9:01 pm
Sample : ITO15-SIMSTD0.02

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #2: propylene



Original Peak Response = 377



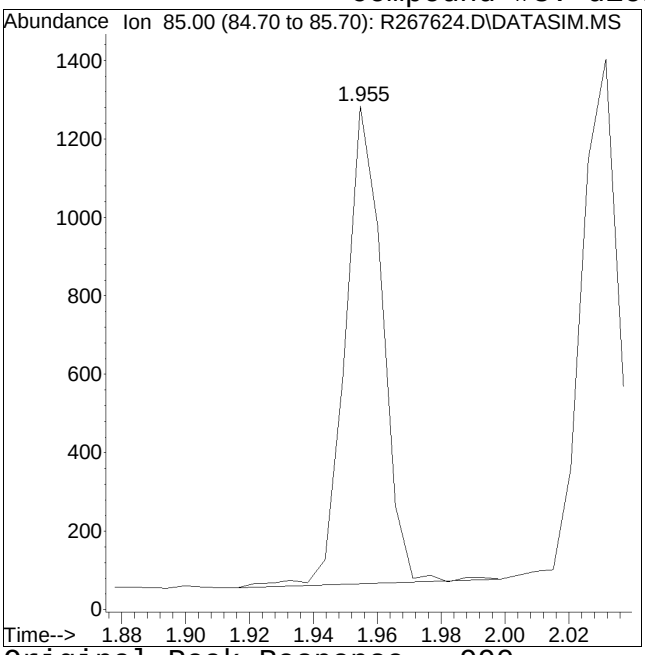
Manual Peak Response = 444 M4

M4 = Poor automated baseline construction.

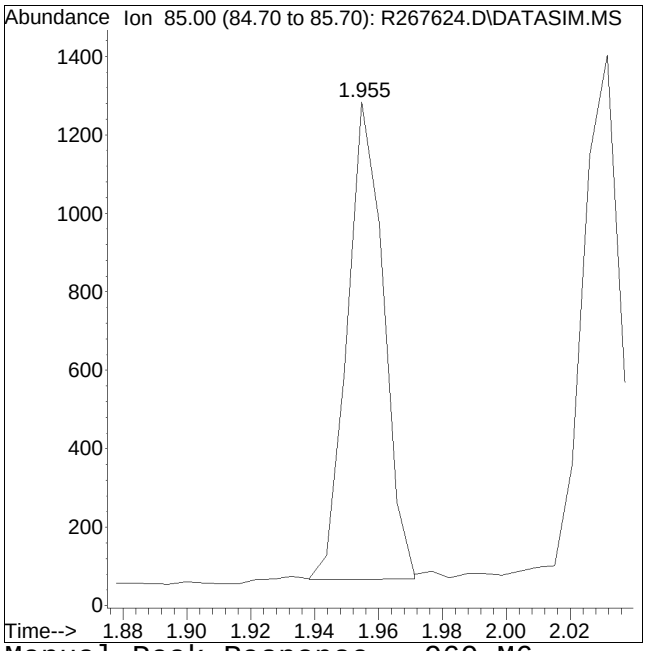
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #3: dichlorodifluoromethane



Original Peak Response = 990



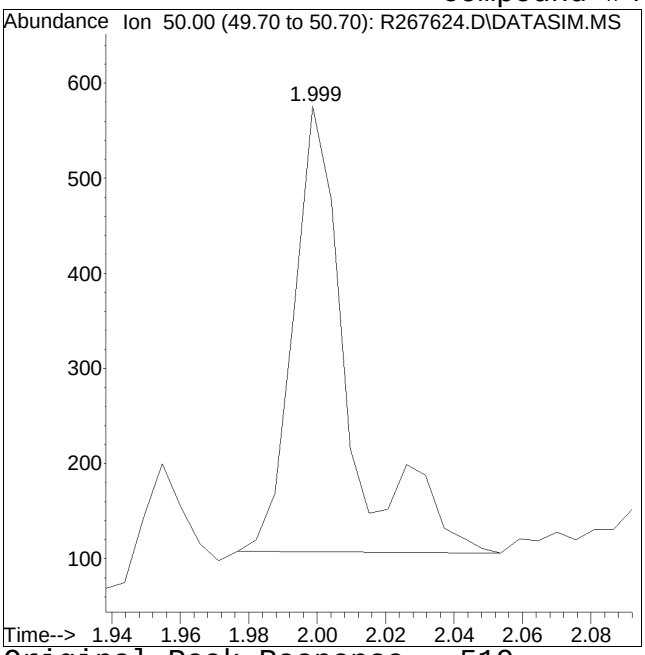
Manual Peak Response = 960 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

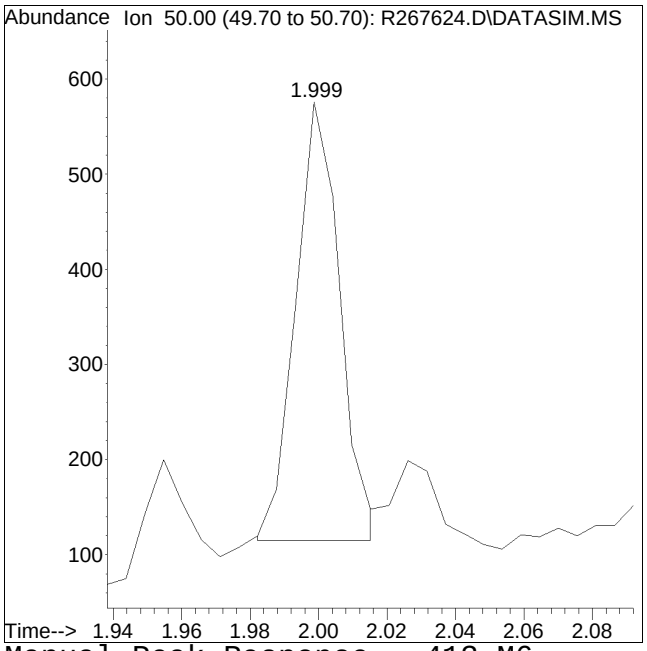
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 519



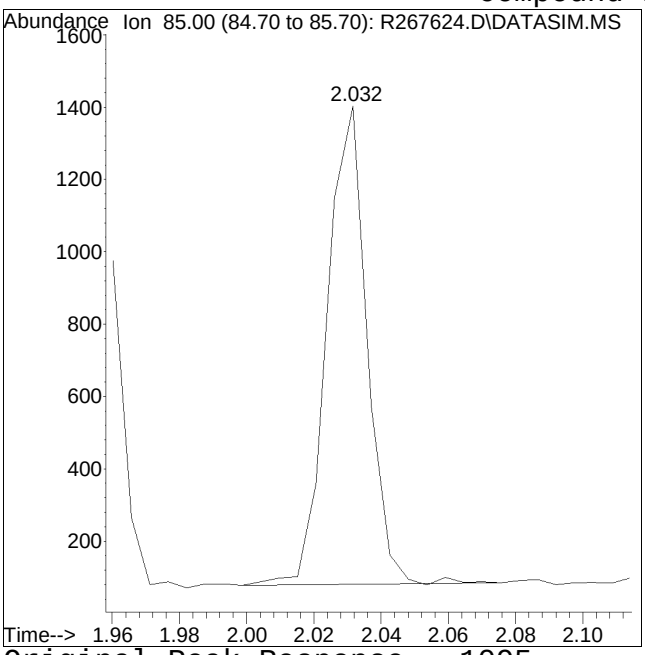
Manual Peak Response = 413 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

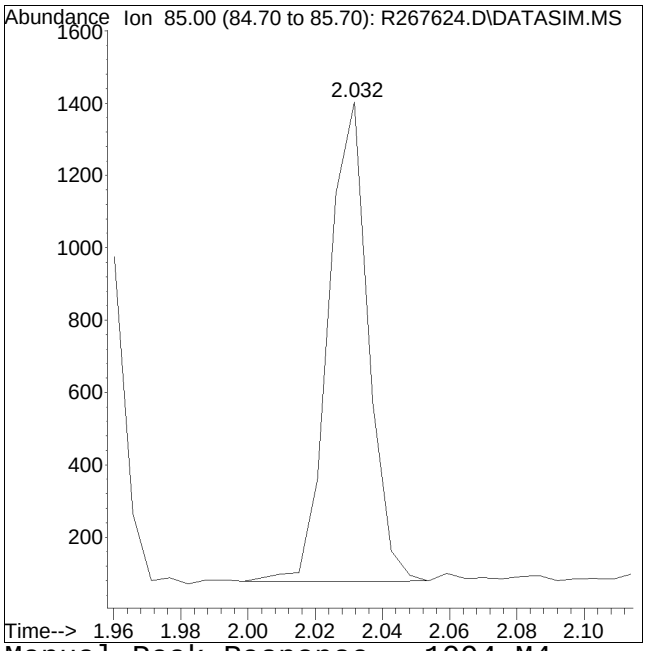
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #5: Freon-114



Original Peak Response = 1095



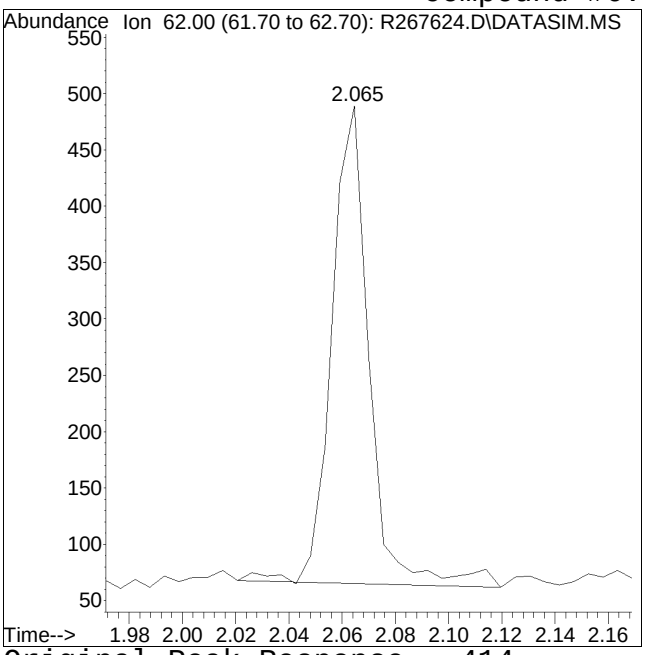
Manual Peak Response = 1094 M4

M4 = Poor automated baseline construction.

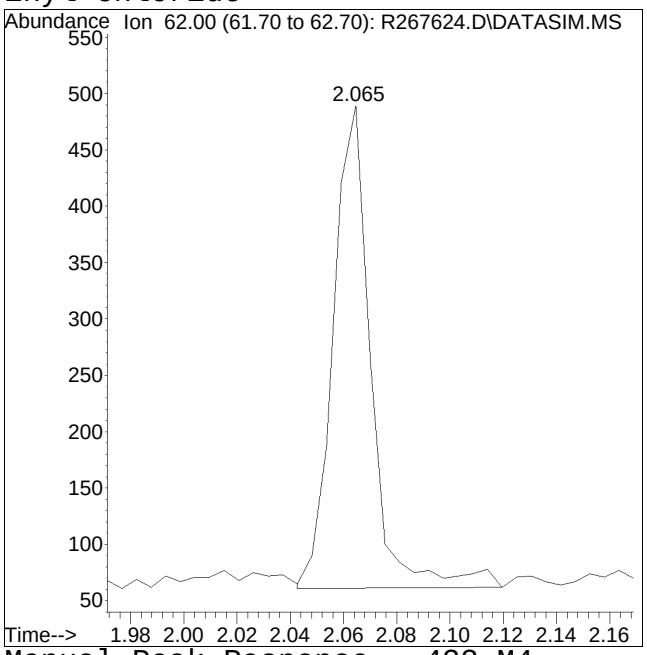
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #6: vinyl chloride



Original Peak Response = 414



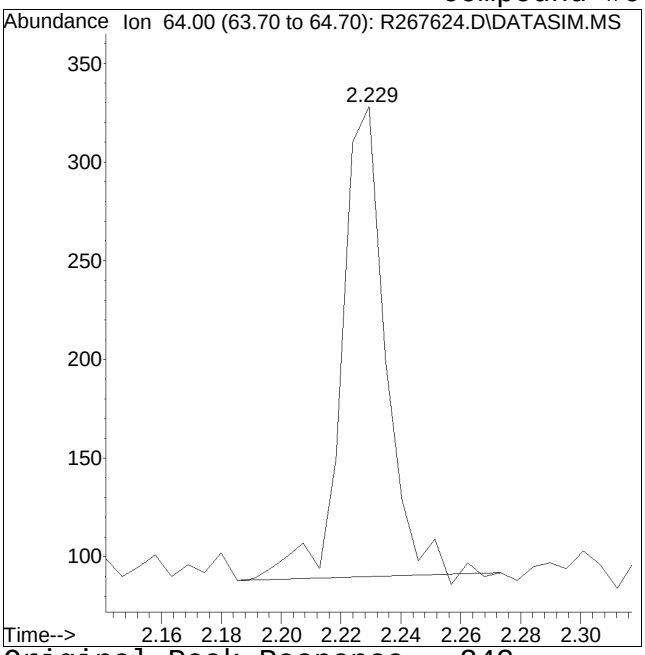
Manual Peak Response = 422 M4

M4 = Poor automated baseline construction.

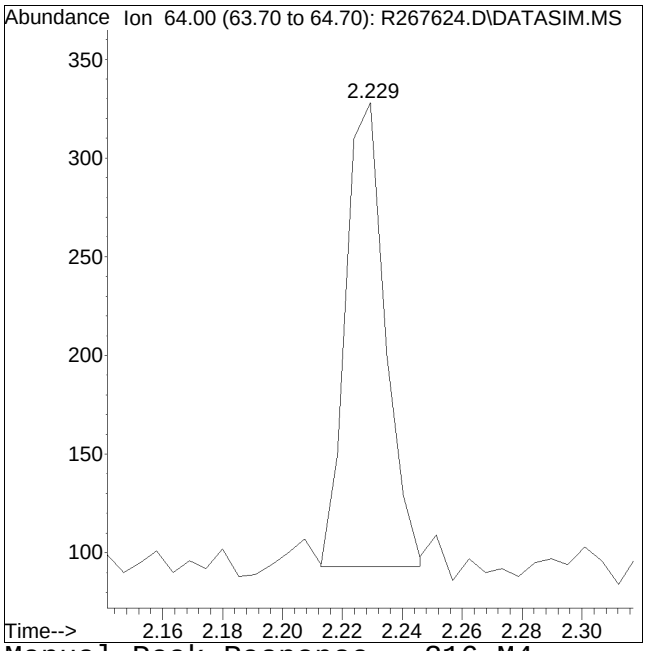
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #9: chloroethane



Original Peak Response = 242



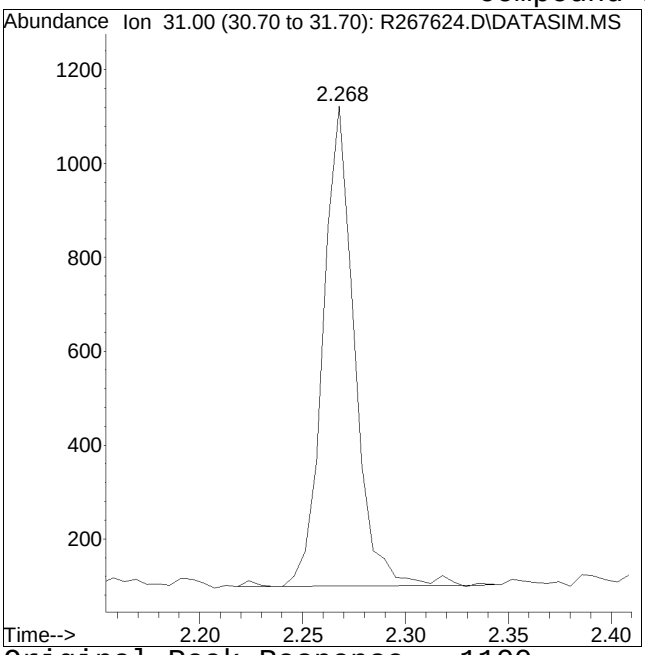
Manual Peak Response = 216 M4

M4 = Poor automated baseline construction.

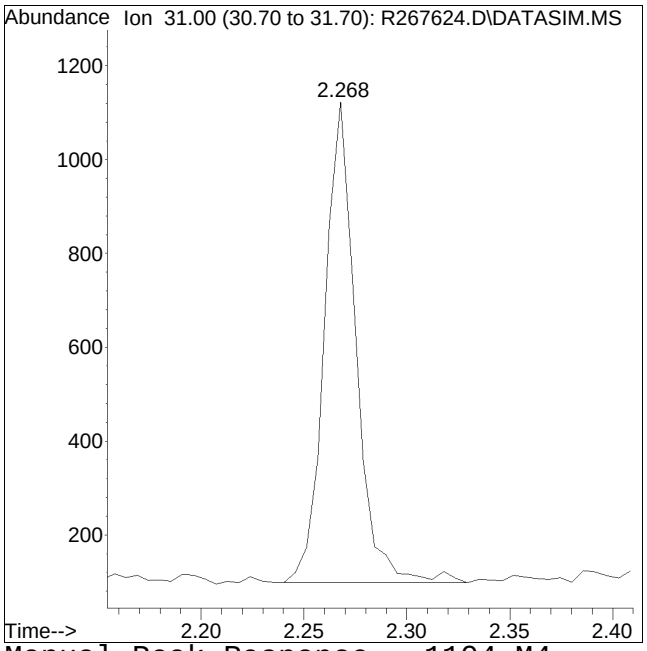
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #10: ethanol



Original Peak Response = 1100



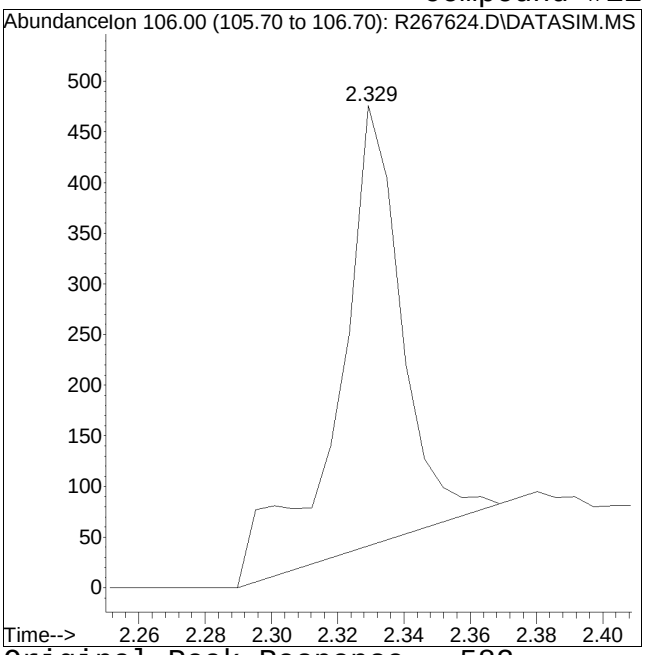
Manual Peak Response = 1104 M4

M4 = Poor automated baseline construction.

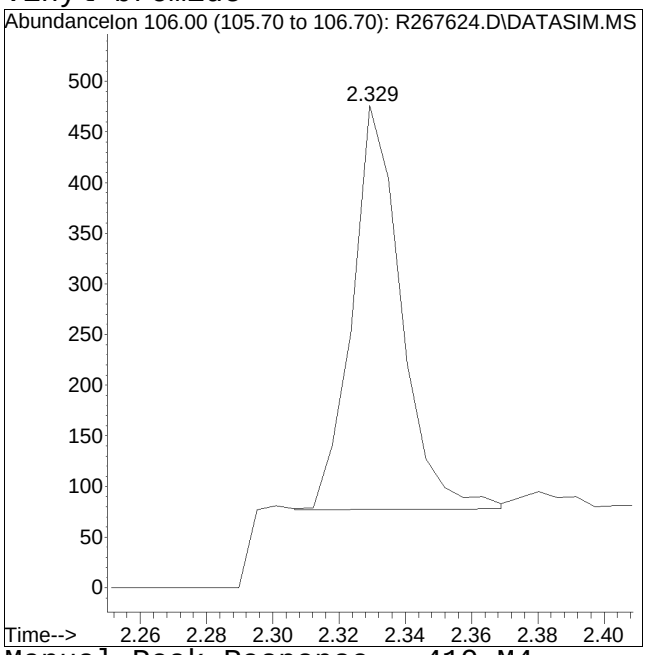
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #11: vinyl bromide



Original Peak Response = 582



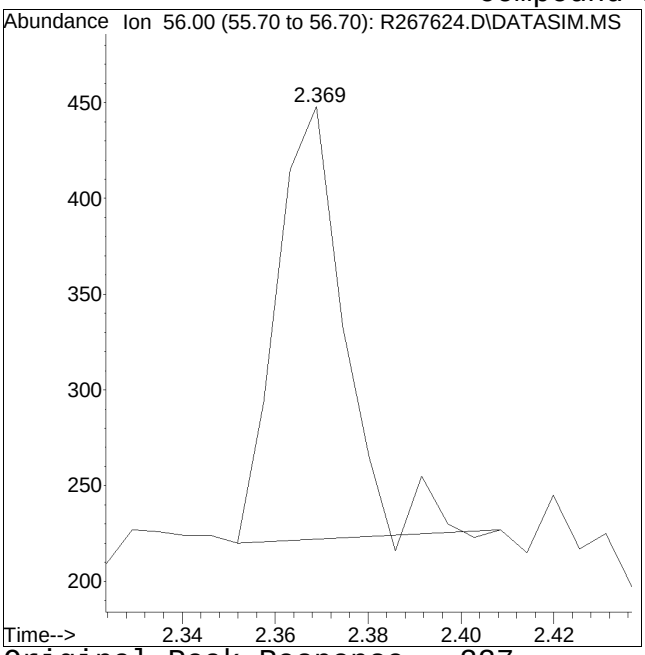
Manual Peak Response = 410 M4

M4 = Poor automated baseline construction.

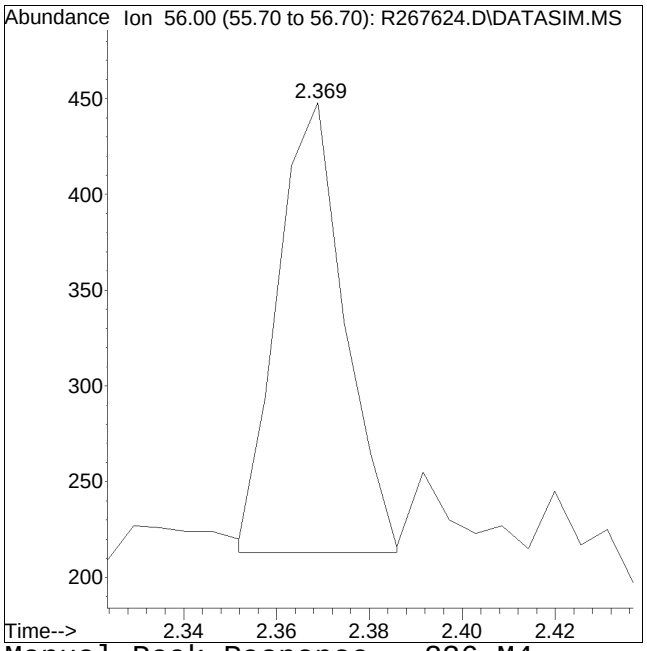
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #12: acrolein



Original Peak Response = 227



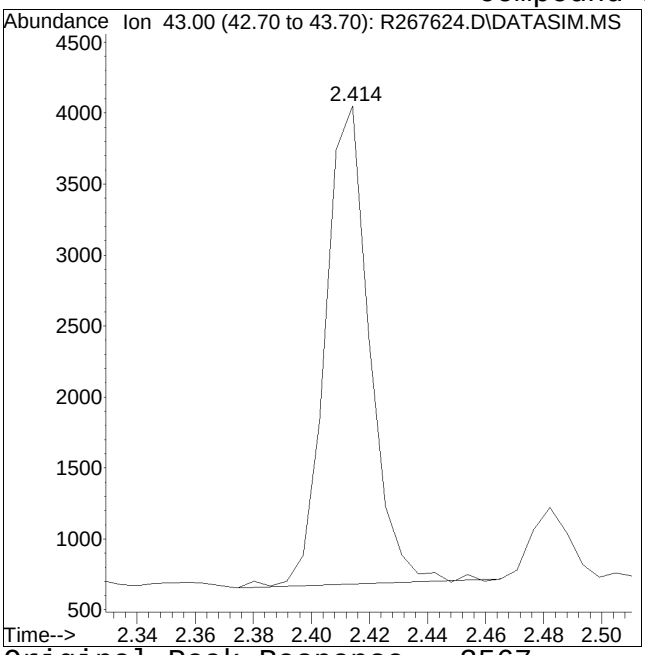
Manual Peak Response = 236 M4

M4 = Poor automated baseline construction.

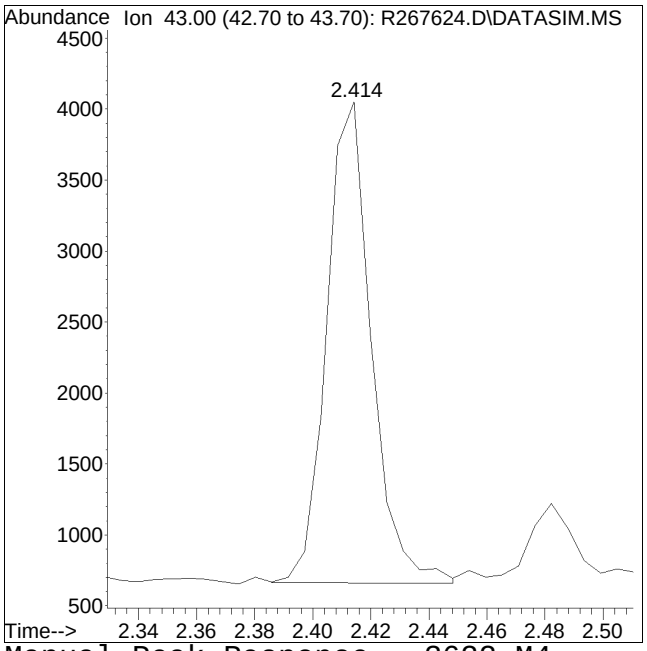
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #13: acetone



Original Peak Response = 3567



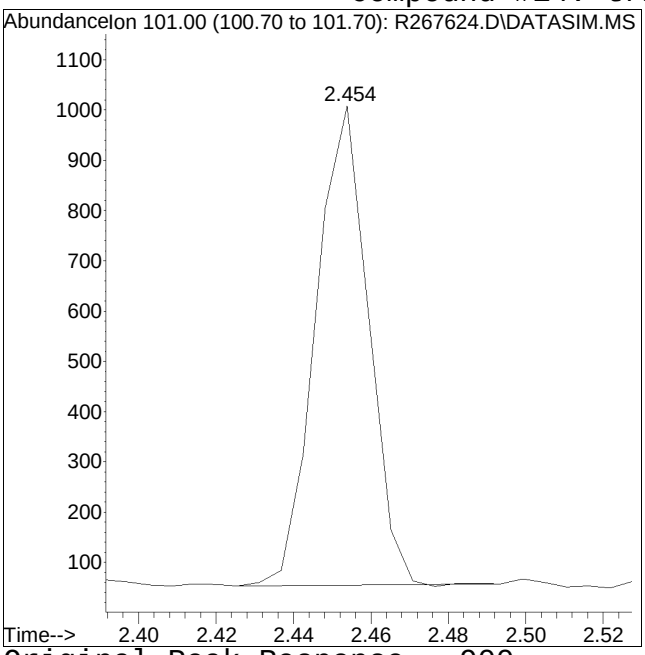
Manual Peak Response = 3622 M4

M4 = Poor automated baseline construction.

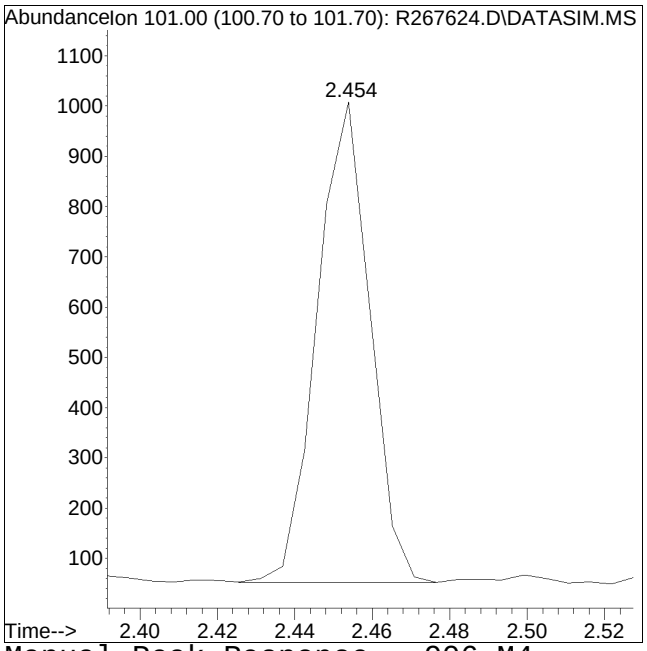
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #14: trichlorofluoromethane



Original Peak Response = 900



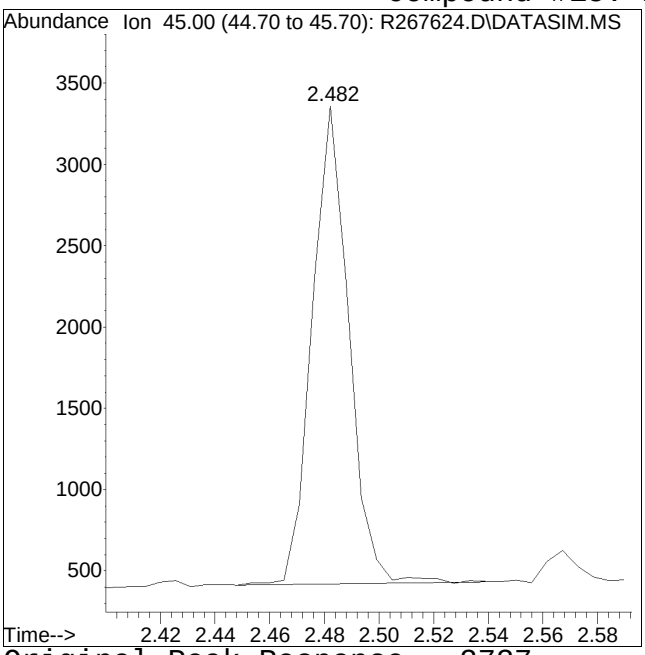
Manual Peak Response = 906 M4

M4 = Poor automated baseline construction.

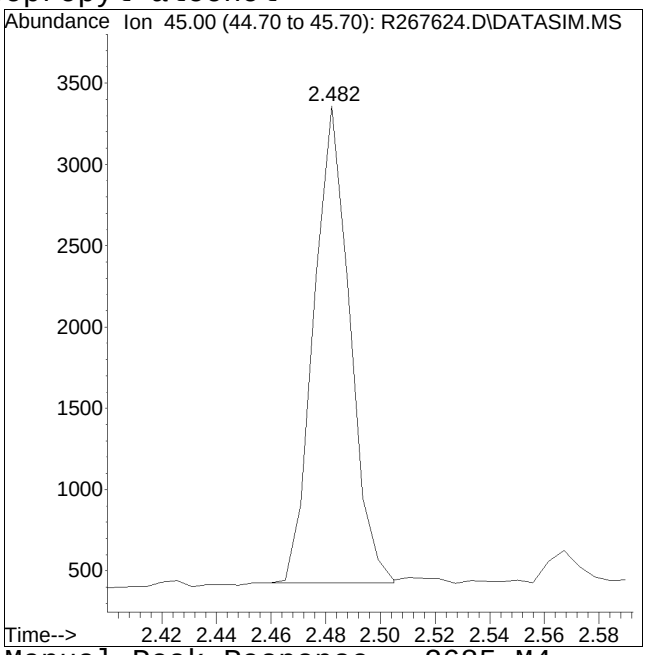
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #15: isopropyl alcohol



Original Peak Response = 2737



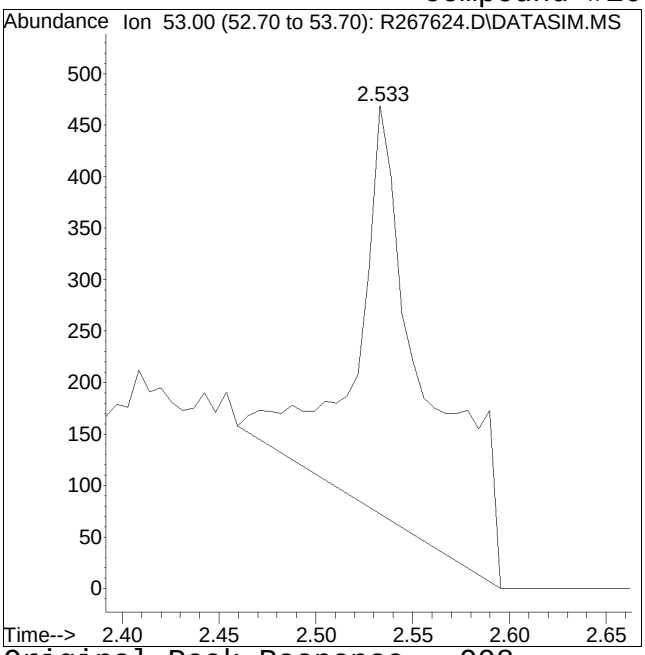
Manual Peak Response = 2685 M4

M4 = Poor automated baseline construction.

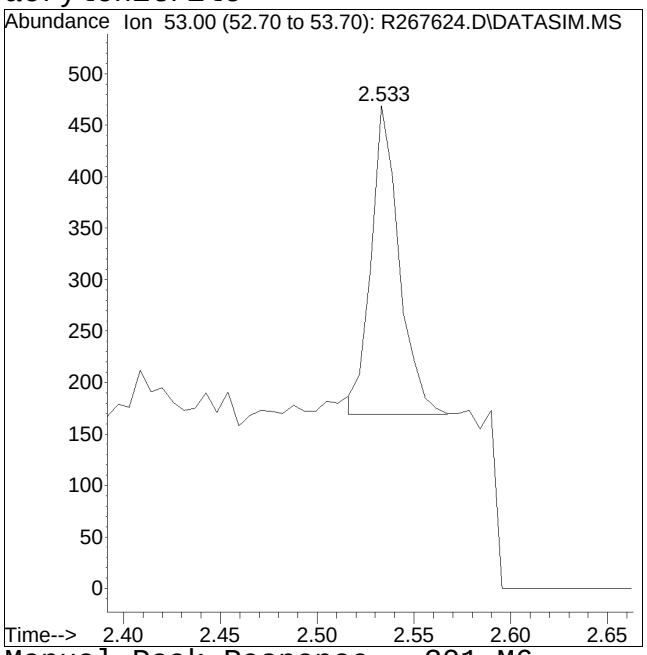
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #16: acrylonitrile



Original Peak Response = 998



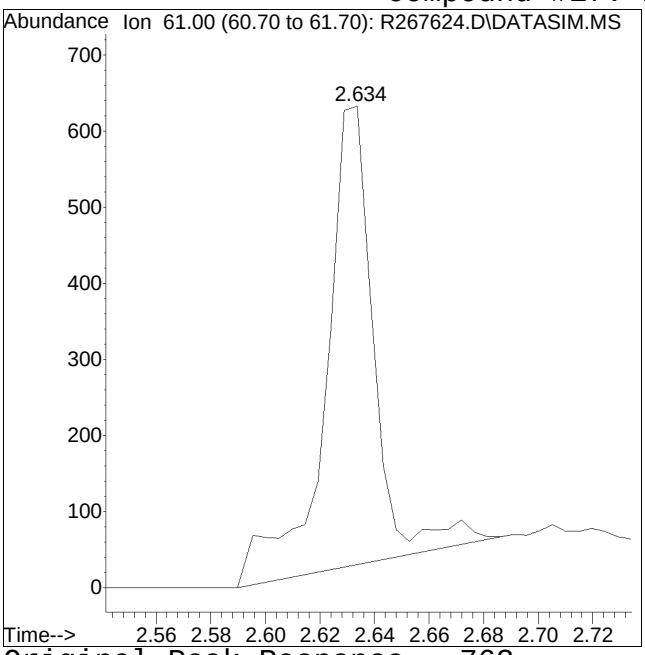
Manual Peak Response = 301 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

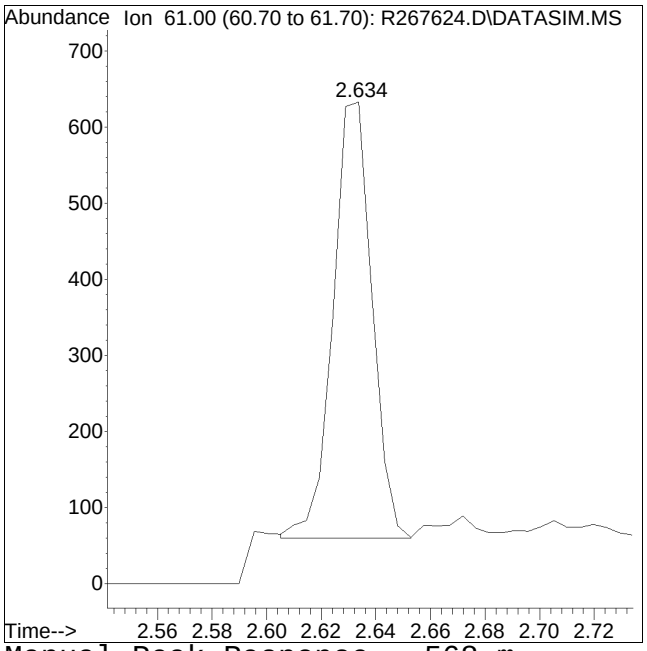
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 763

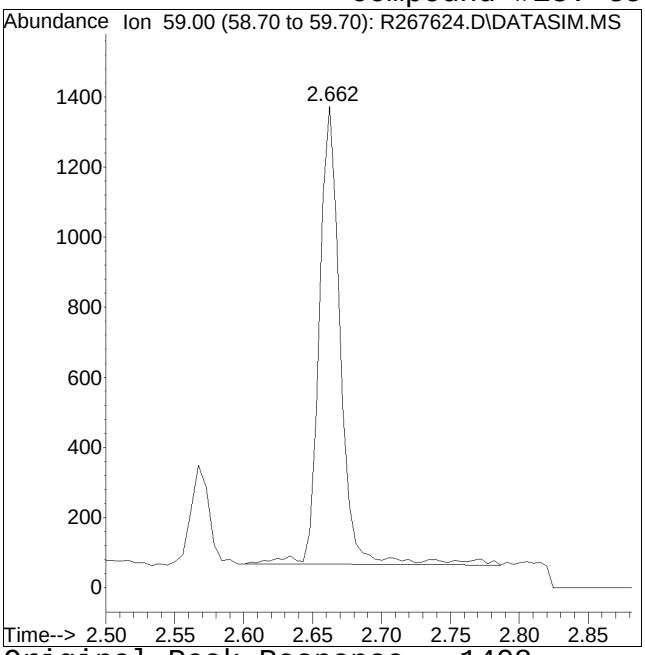


Manual Peak Response = 568 m

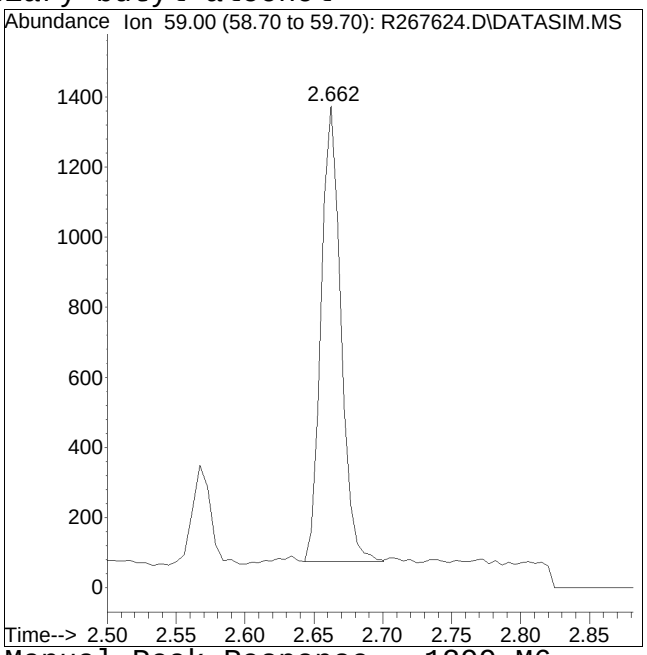
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #18: tertiary butyl alcohol



Original Peak Response = 1408



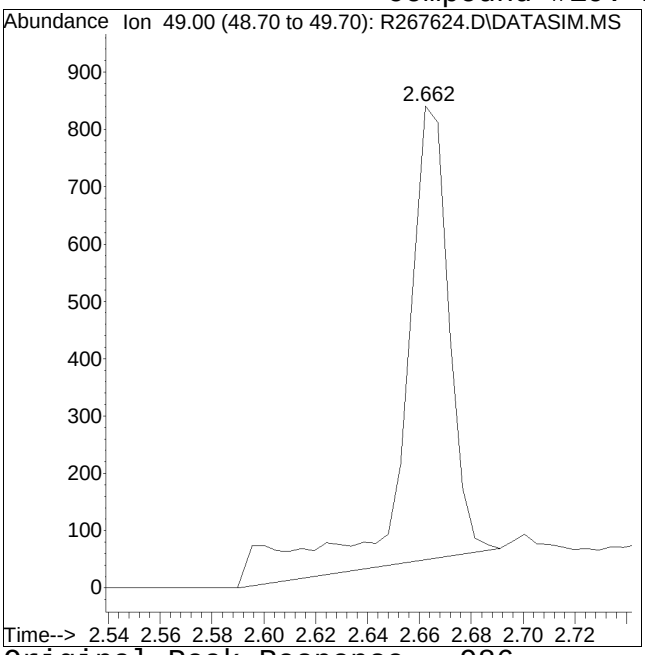
Manual Peak Response = 1299 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

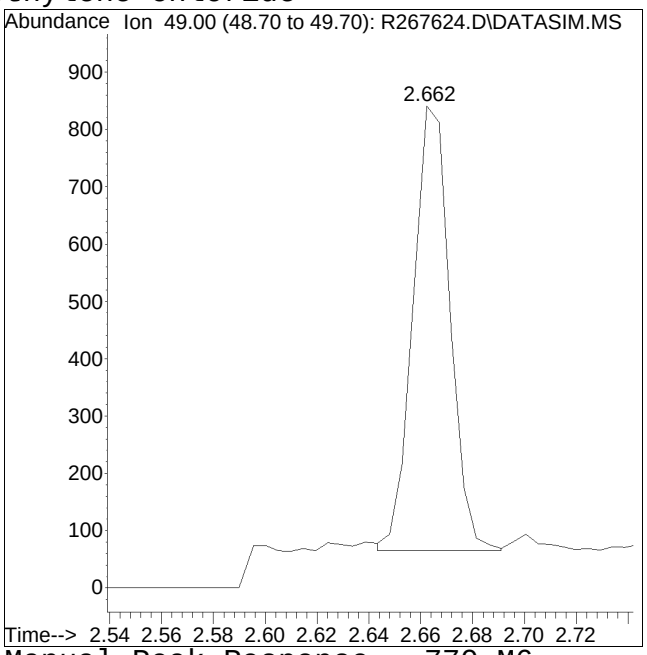
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #19: methylene chloride



Original Peak Response = 986



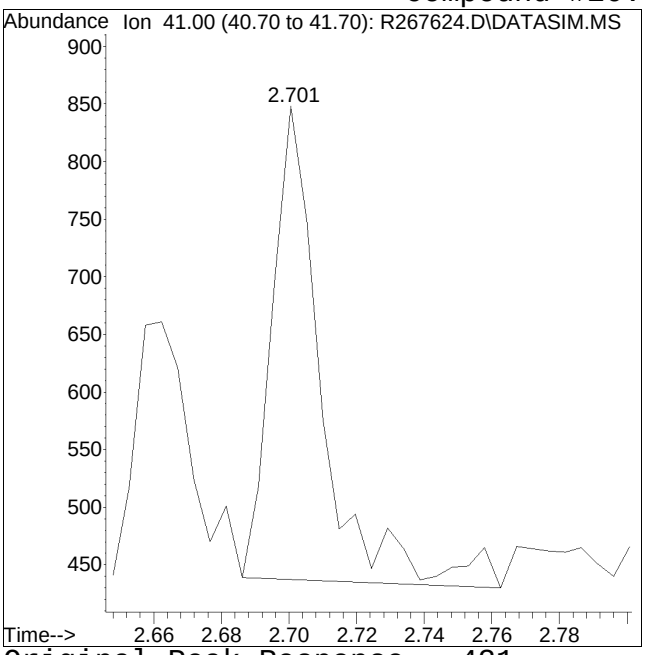
Manual Peak Response = 770 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

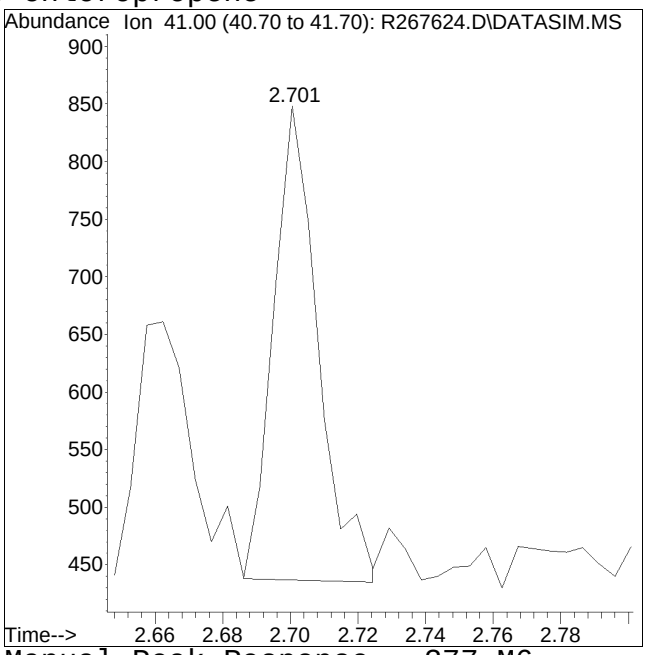
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #20: 3-chloropropene



Original Peak Response = 421



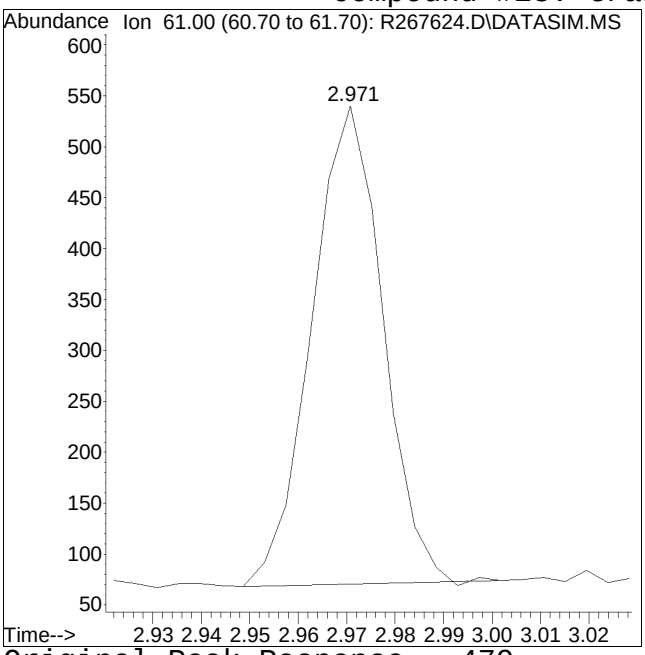
Manual Peak Response = 377 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

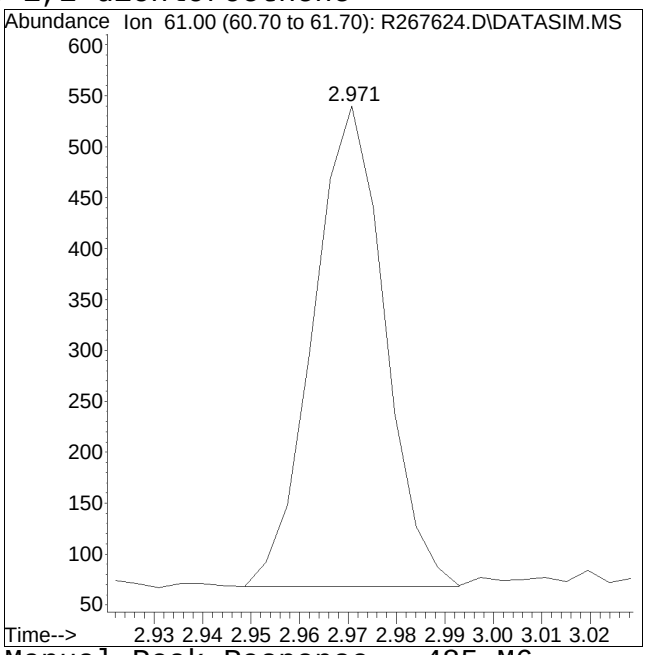
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #23: trans-1,2-dichloroethene



Original Peak Response = 479



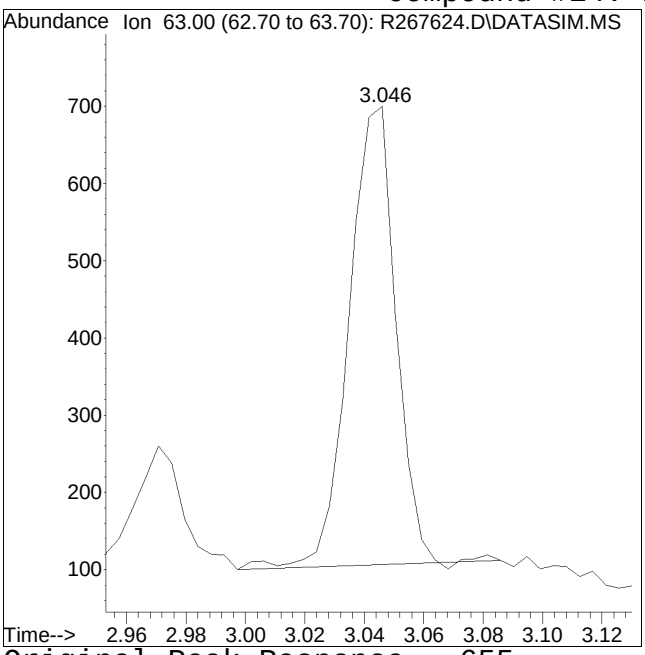
Manual Peak Response = 485 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

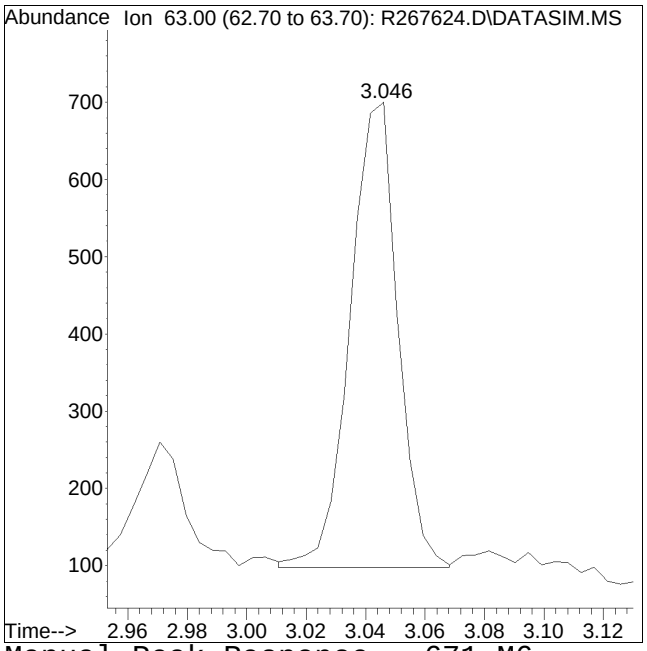
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #24: 1,1-dichloroethane



Original Peak Response = 655



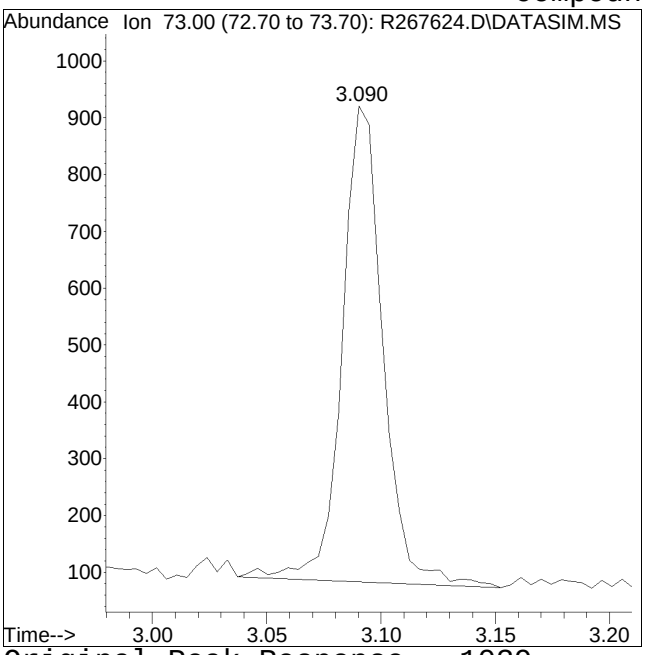
Manual Peak Response = 671 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

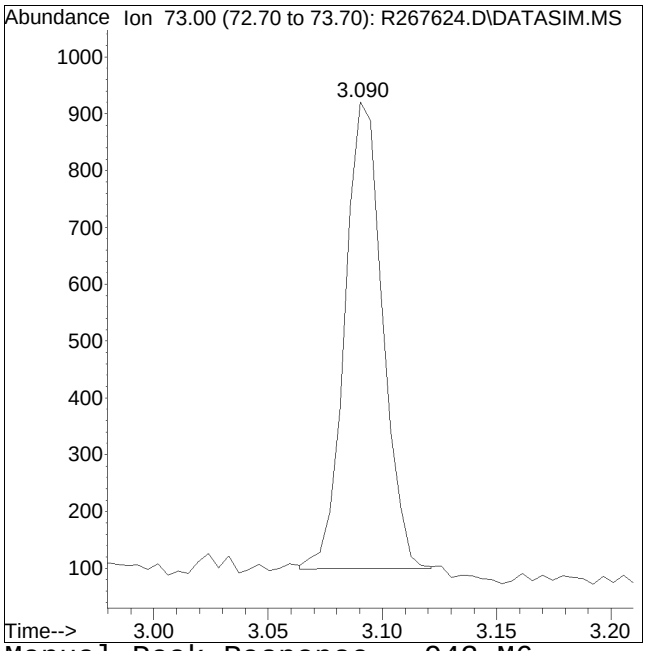
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #25: MTBE



Original Peak Response = 1039



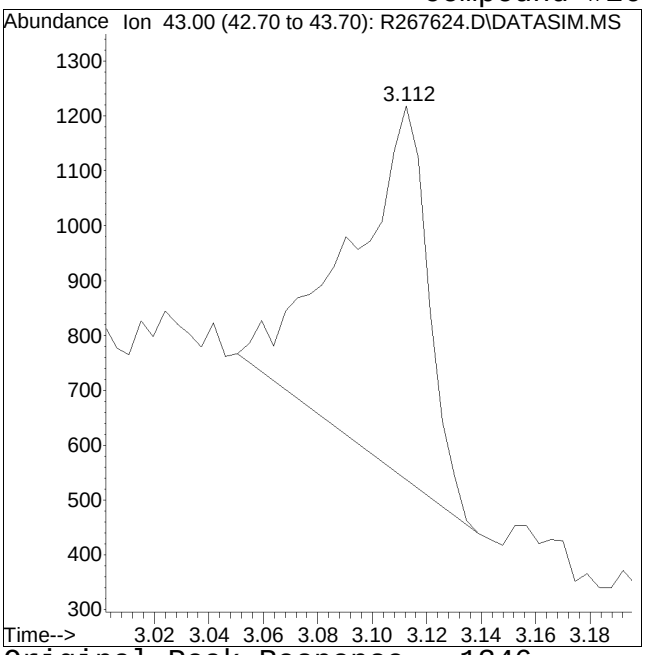
Manual Peak Response = 943 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

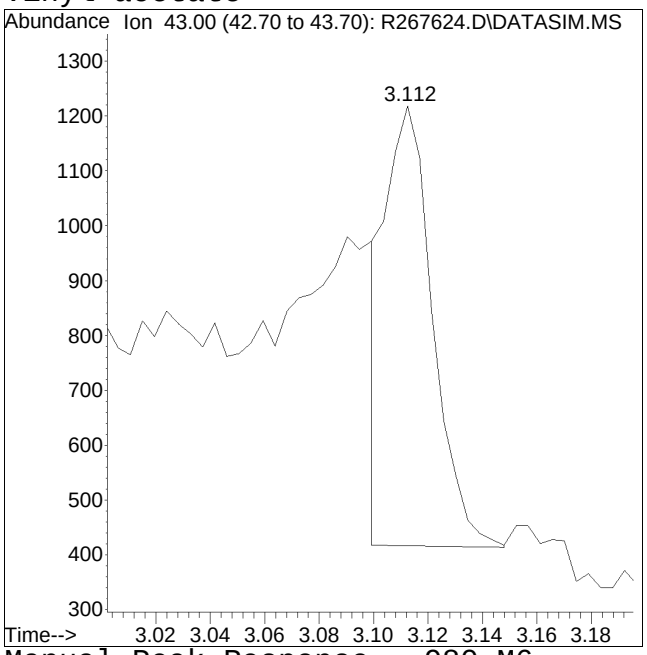
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 1346



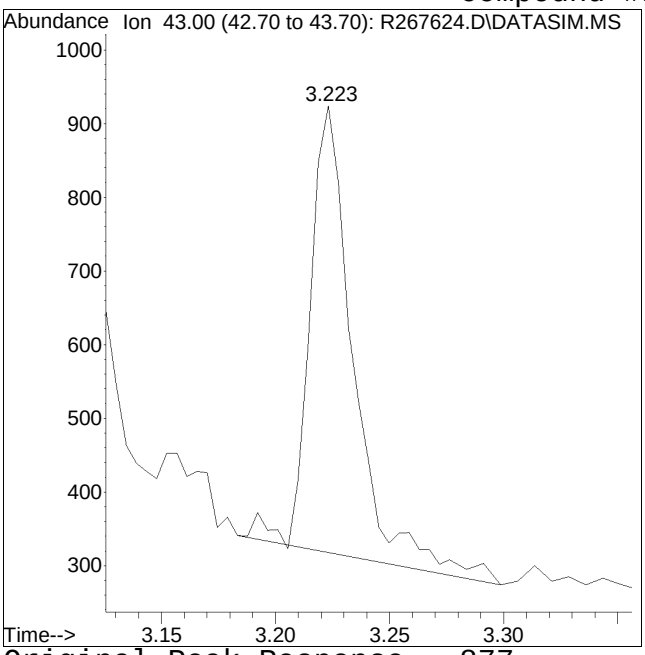
Manual Peak Response = 980 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

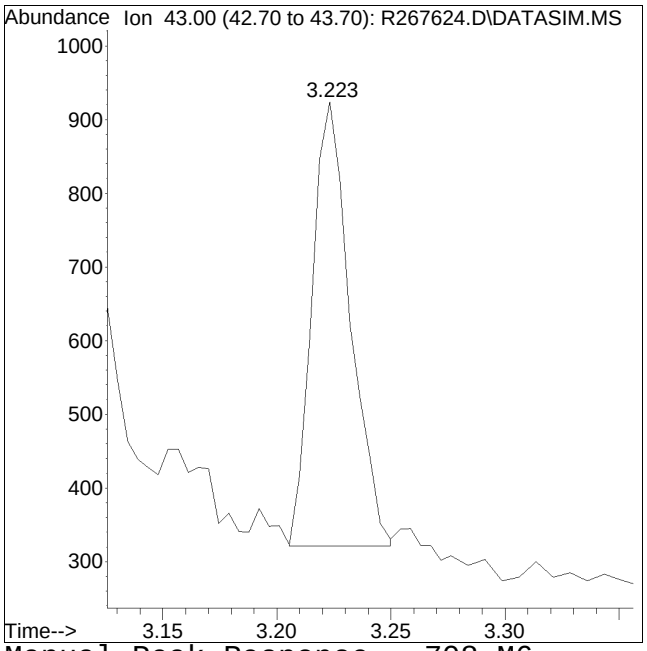
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #27: 2-butanone



Original Peak Response = 877



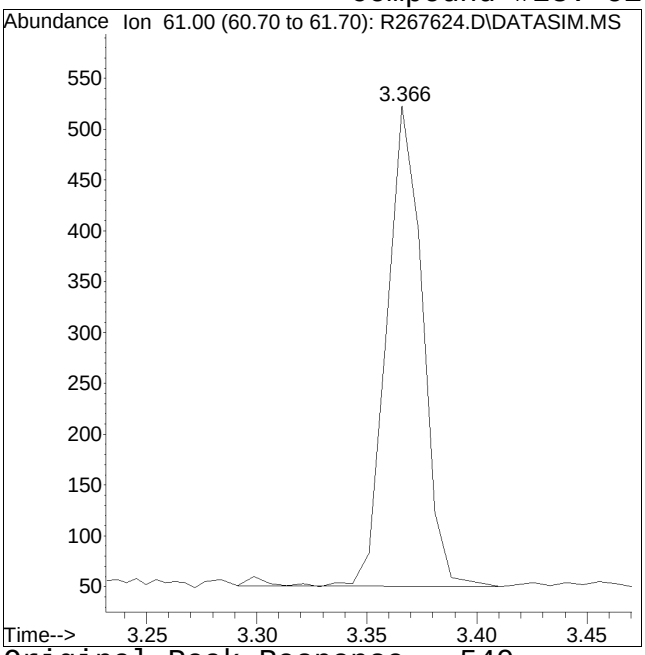
Manual Peak Response = 708 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

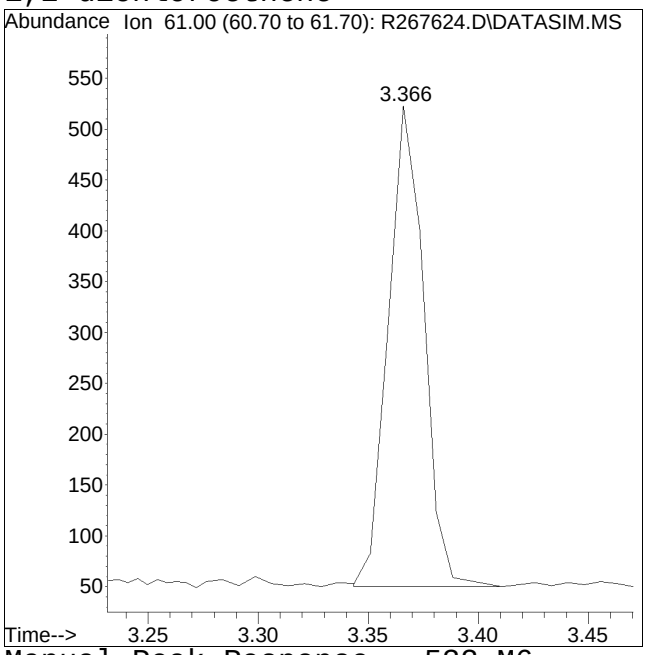
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #28: cis-1,2-dichloroethene



Original Peak Response = 540



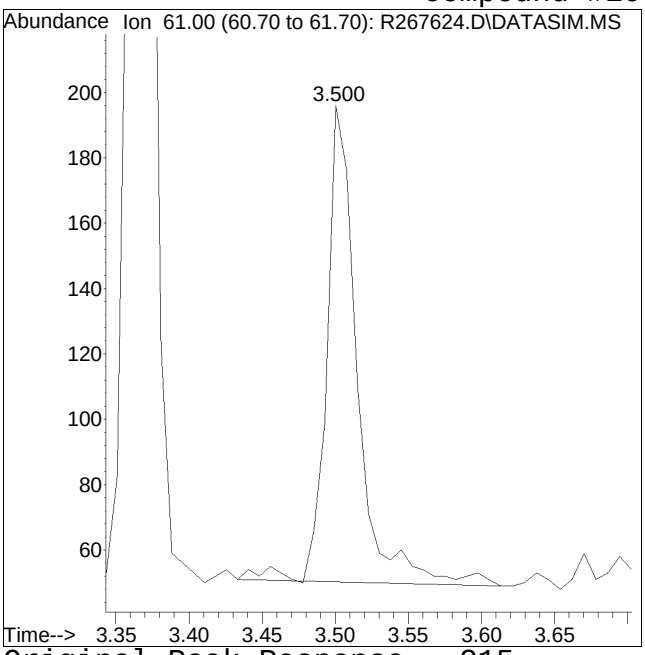
Manual Peak Response = 532 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

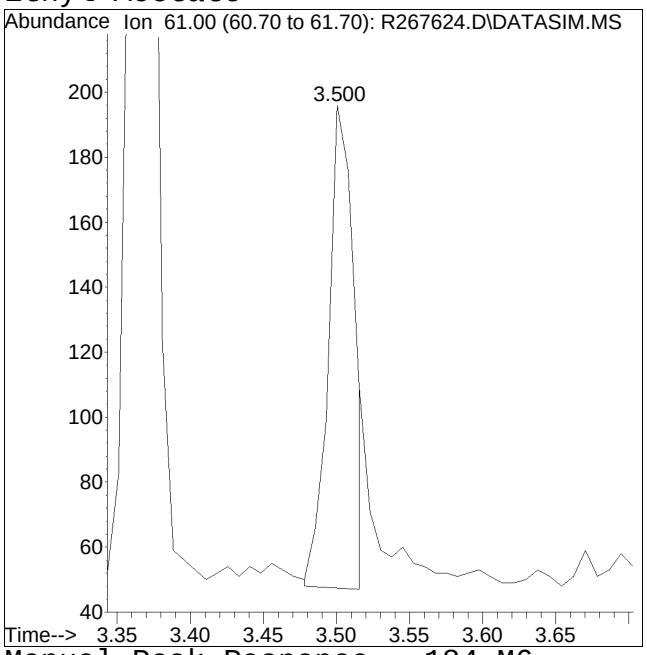
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 215



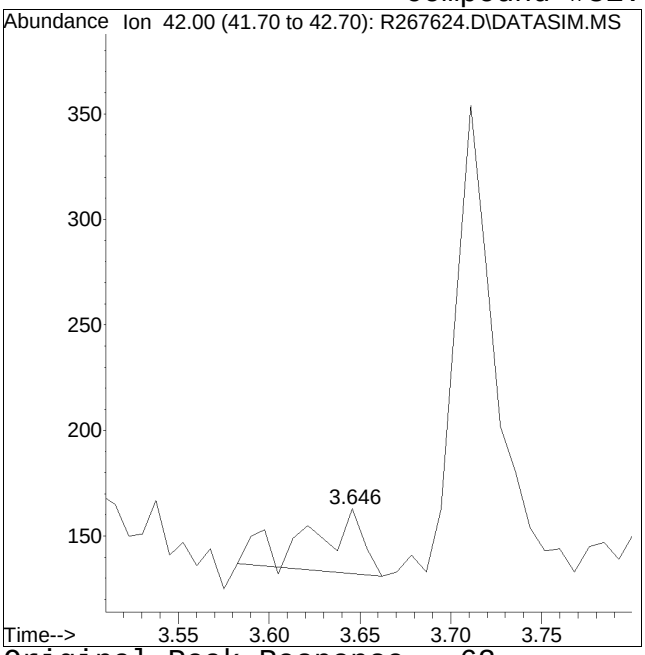
Manual Peak Response = 184 M6

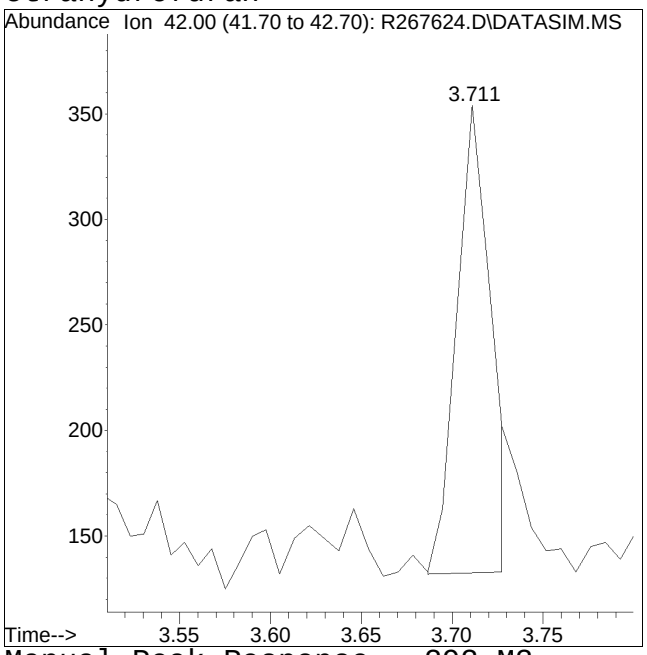
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran





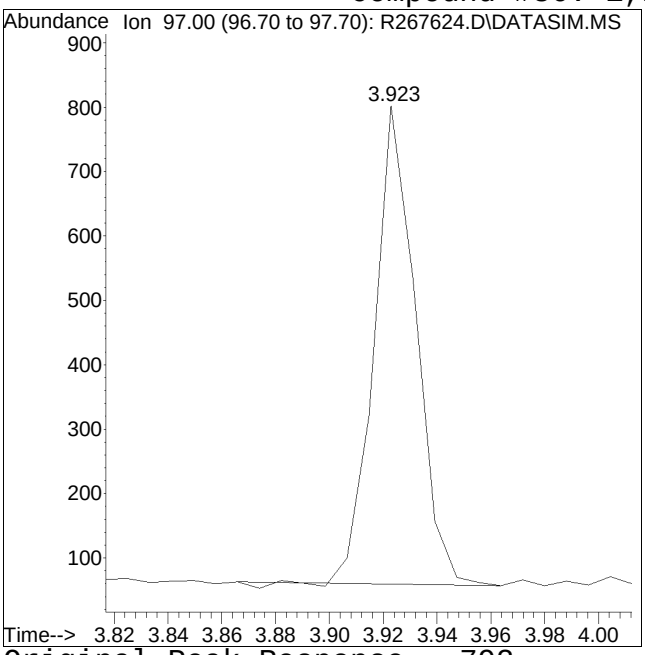
Original Peak Response = 62 Manual Peak Response = 292 M3

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.

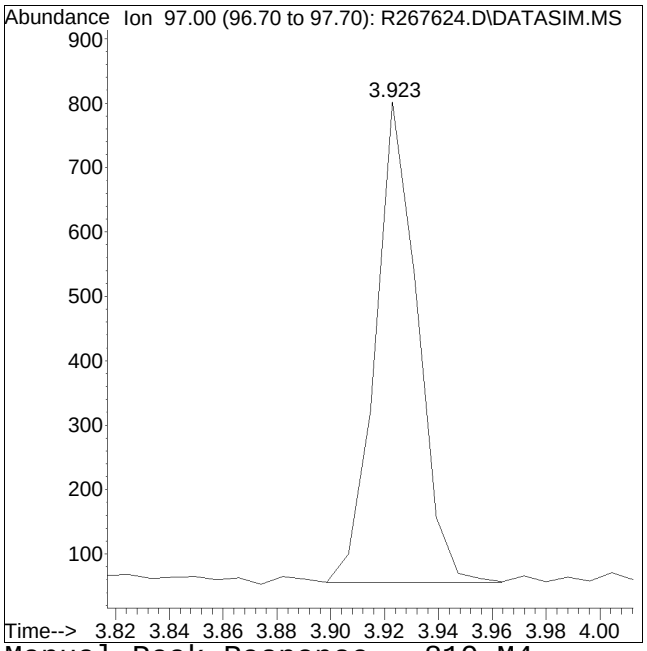
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #36: 1,1,1-trichloroethane



Original Peak Response = 792



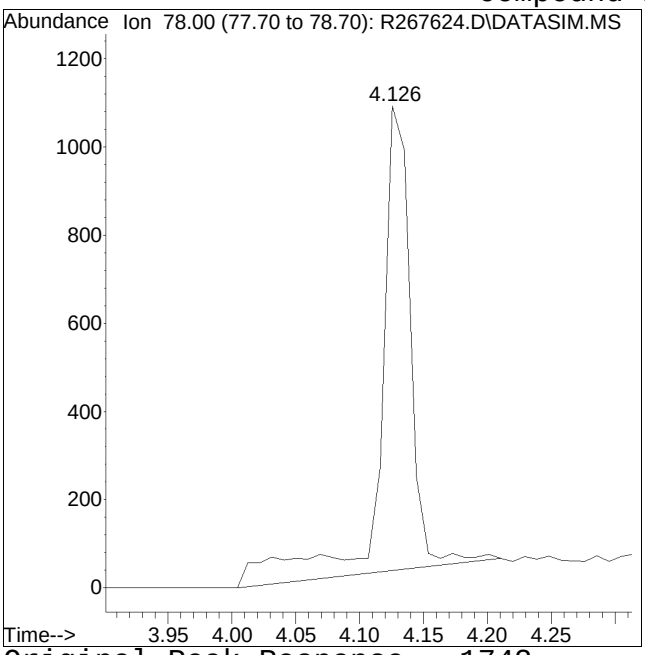
Manual Peak Response = 810 M4

M4 = Poor automated baseline construction.

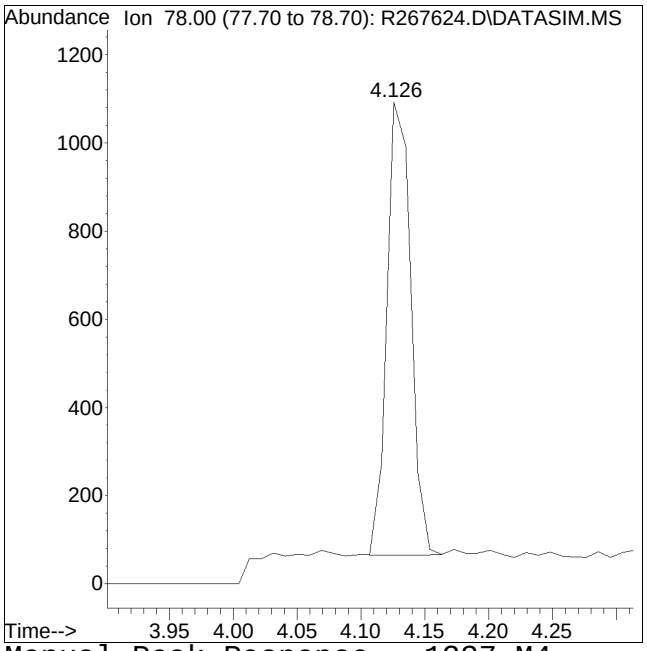
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #37: benzene



Original Peak Response = 1742



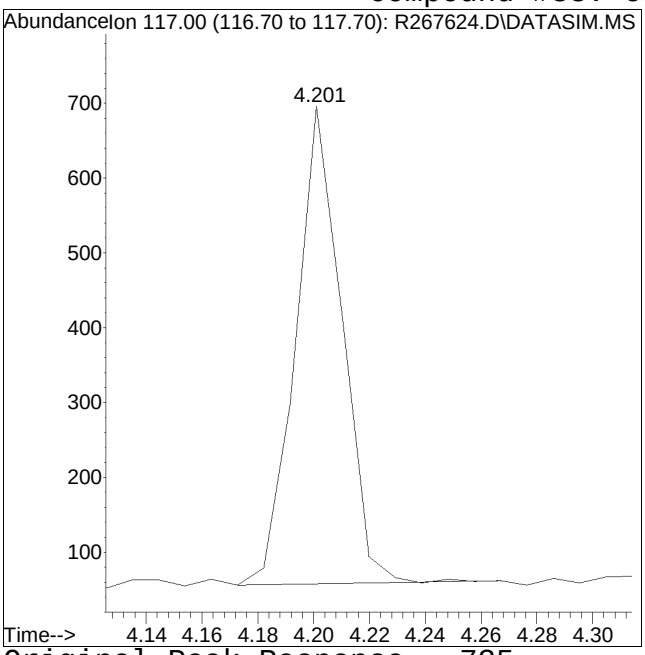
Manual Peak Response = 1337 M4

M4 = Poor automated baseline construction.

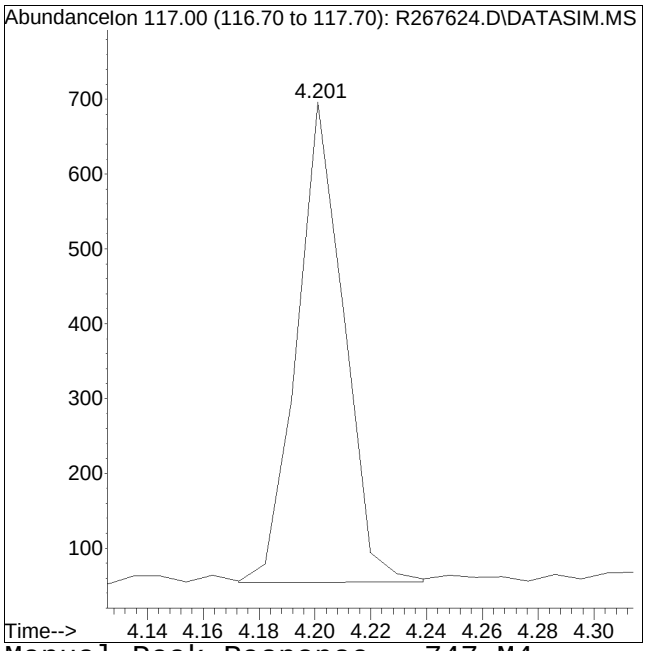
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #38: carbon tetrachloride



Original Peak Response = 735



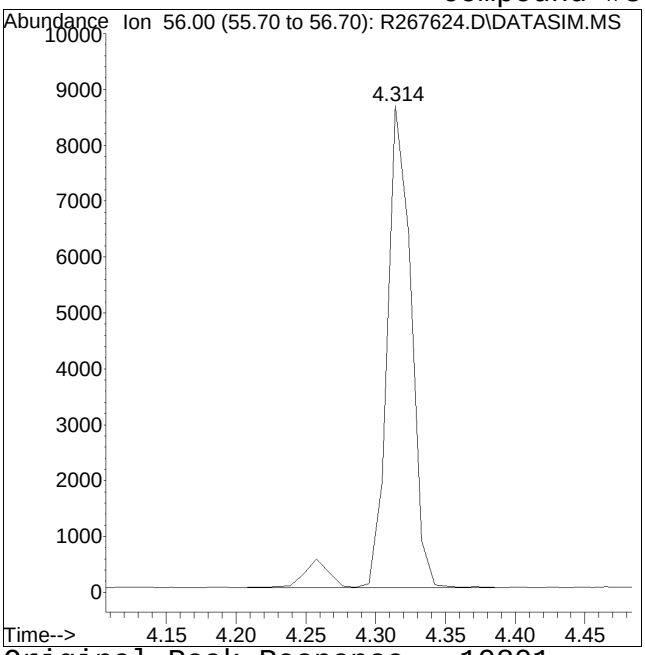
Manual Peak Response = 747 M4

M4 = Poor automated baseline construction.

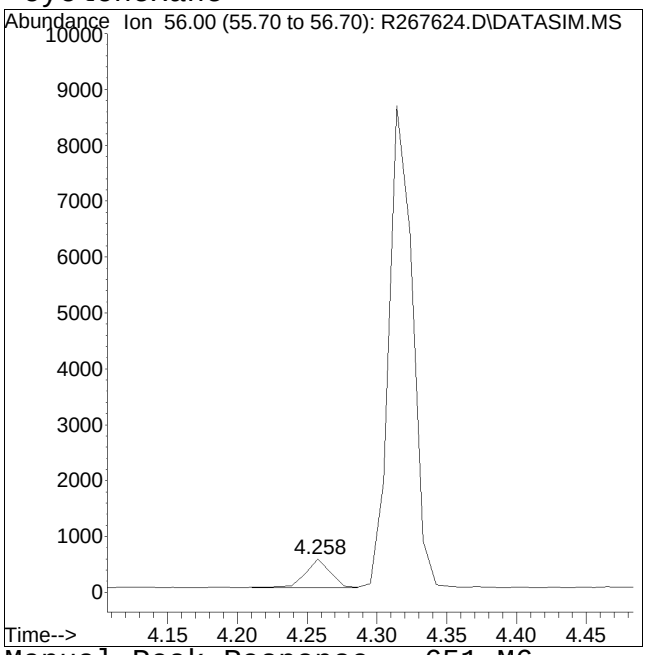
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #39: cyclohexane



Original Peak Response = 10801



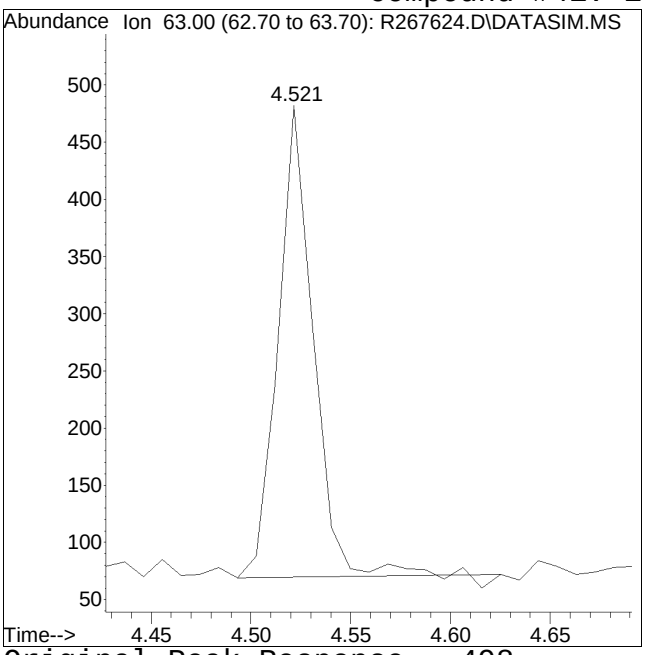
Manual Peak Response = 651 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

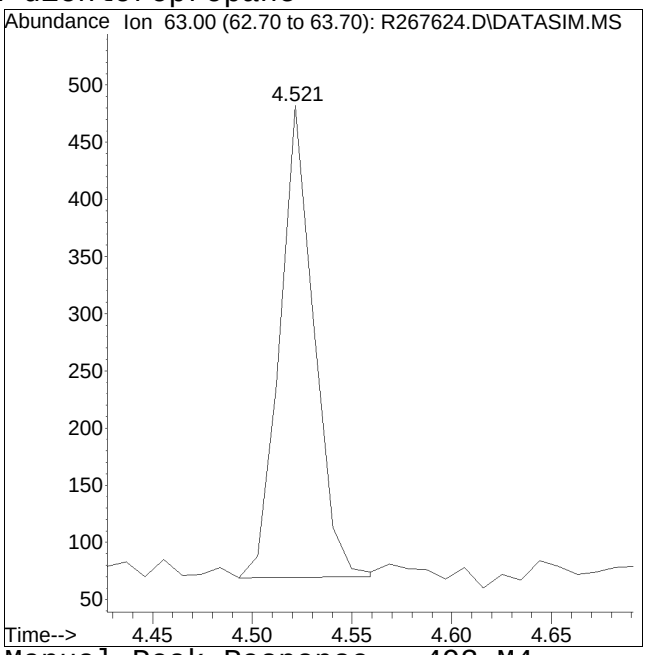
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #41: 1,2-dichloropropane



Original Peak Response = 498



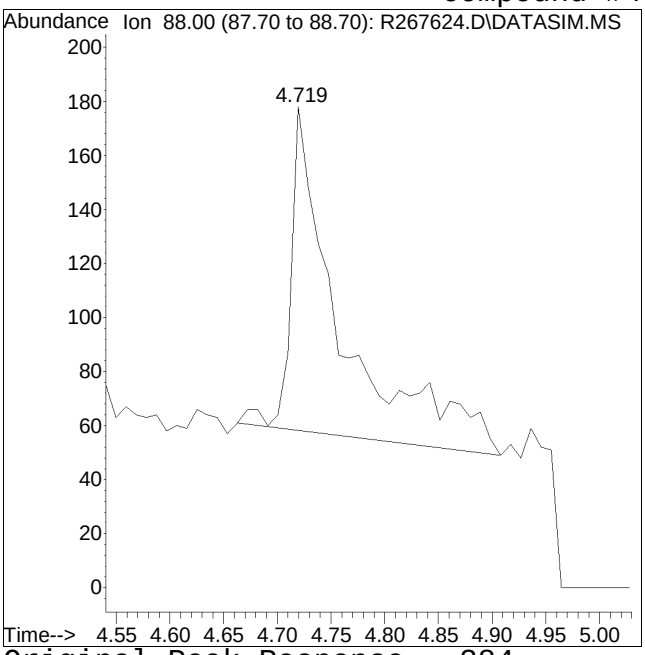
Manual Peak Response = 493 M4

M4 = Poor automated baseline construction.

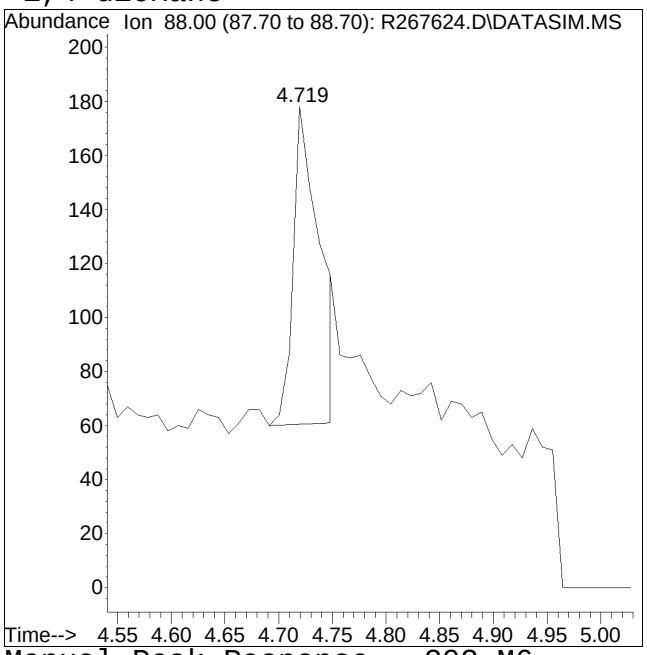
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #43: 1,4-dioxane



Original Peak Response = 384



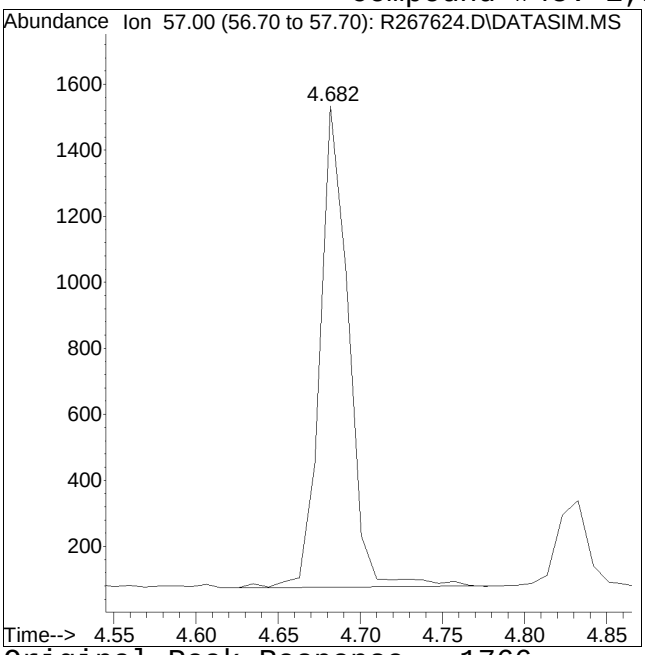
Manual Peak Response = 202 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

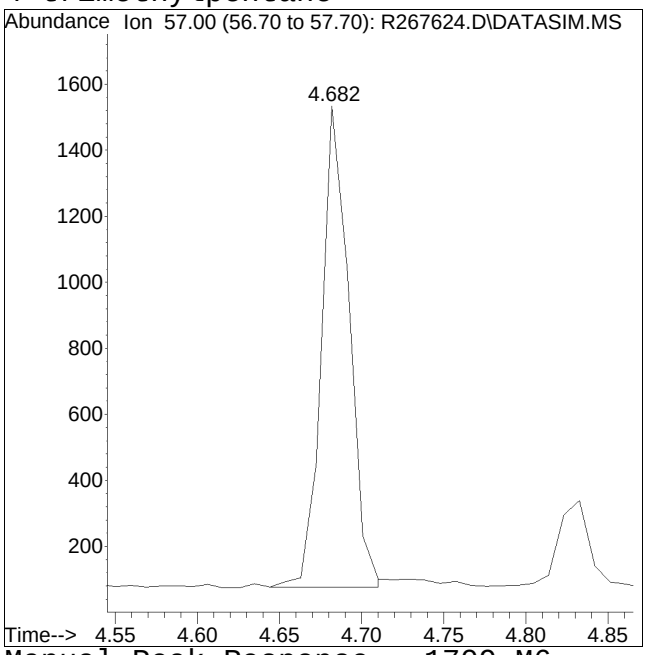
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #45: 2,2,4-trimethylpentane



Original Peak Response = 1766



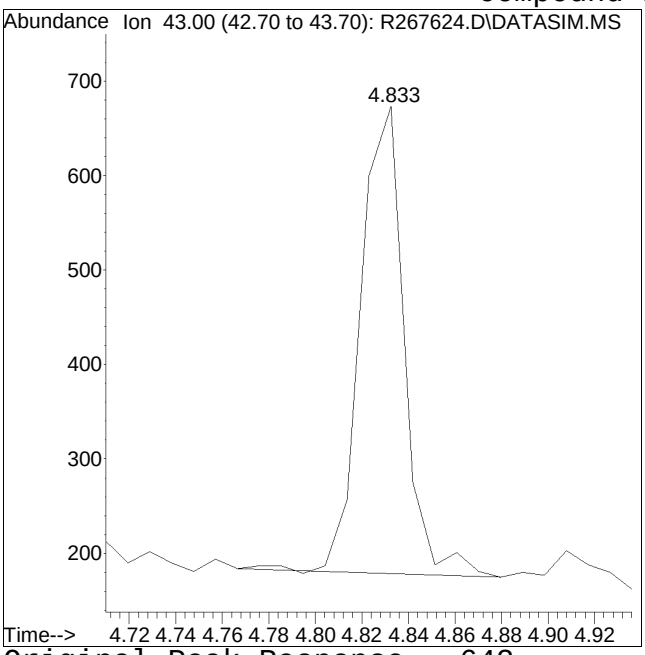
Manual Peak Response = 1709 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

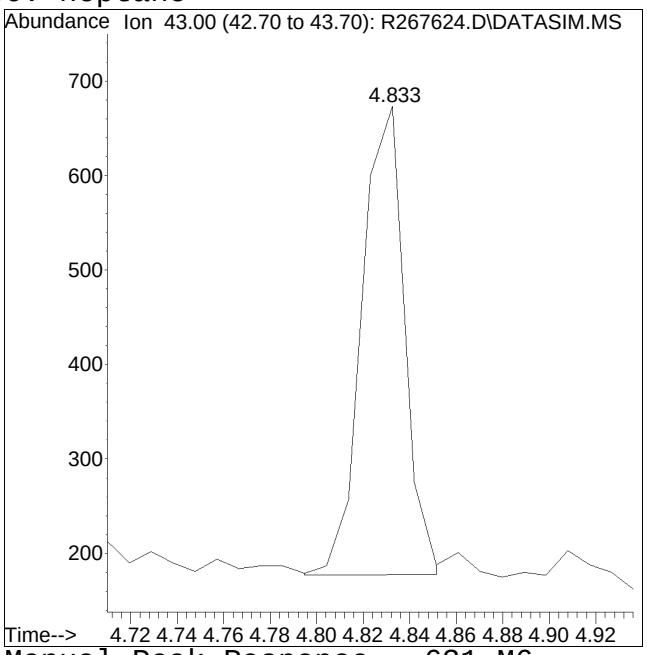
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #46: heptane



Original Peak Response = 642



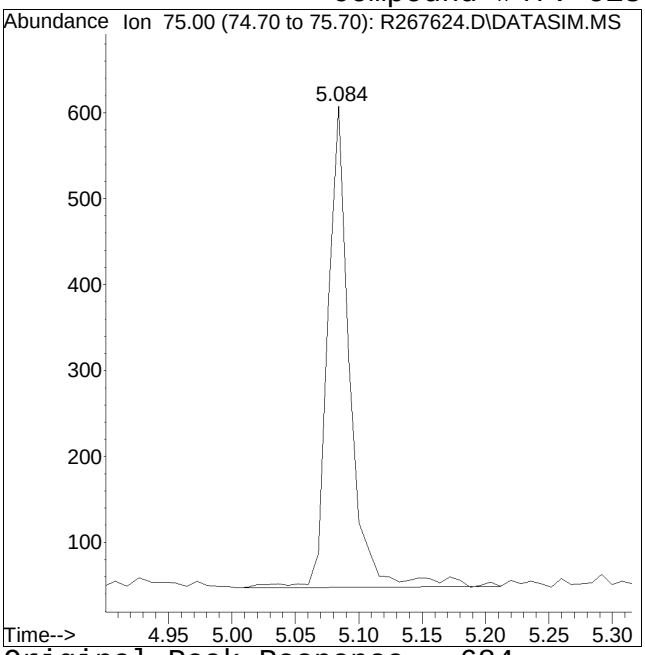
Manual Peak Response = 631 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

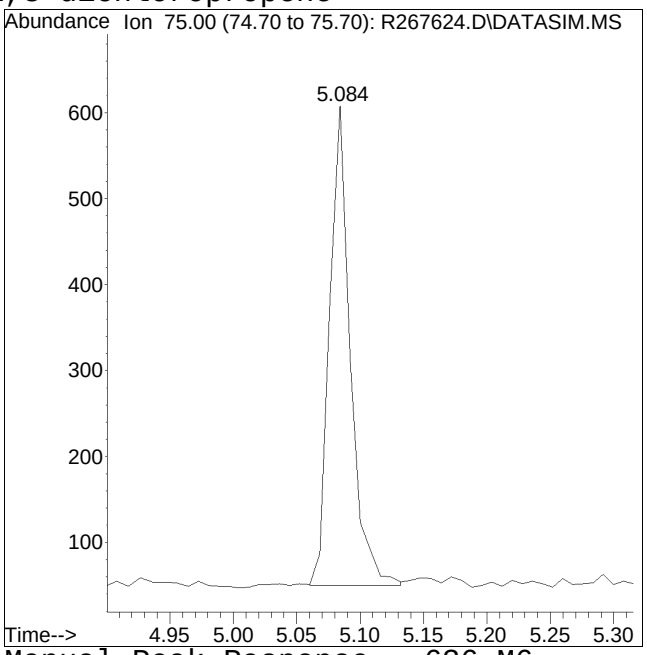
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #47: cis-1,3-dichloropropene



Original Peak Response = 684



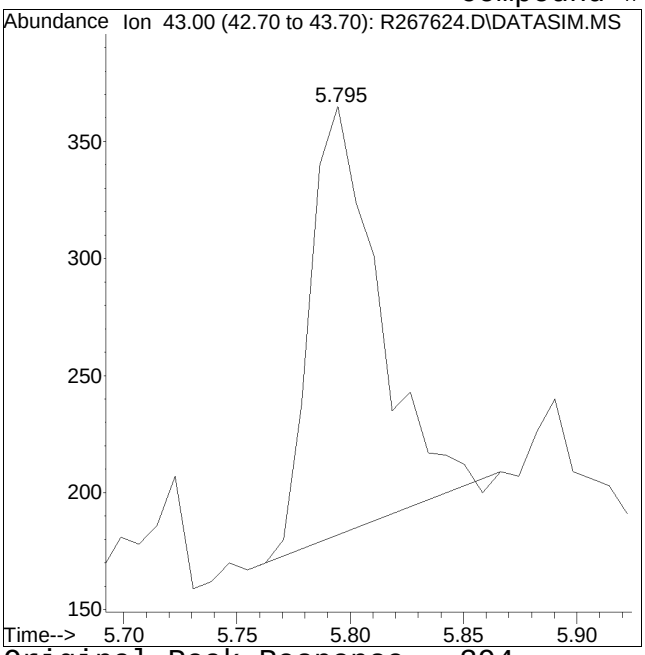
Manual Peak Response = 636 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

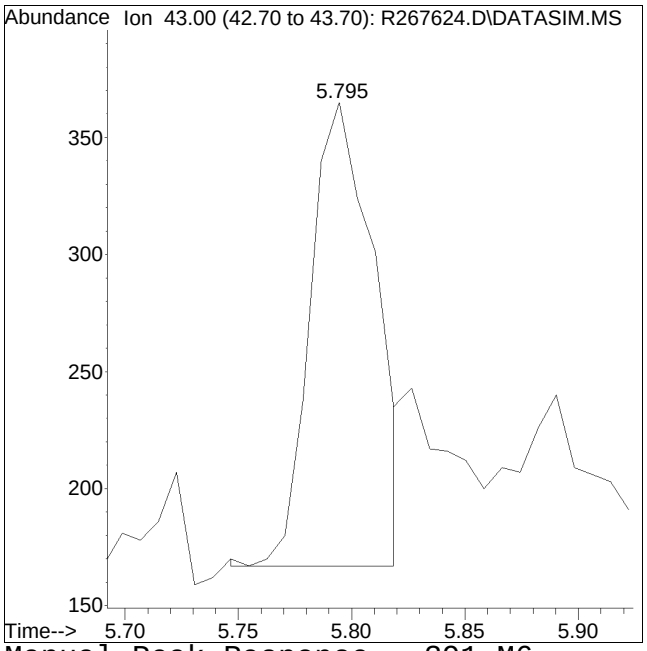
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #54: 2-hexanone



Original Peak Response = 394



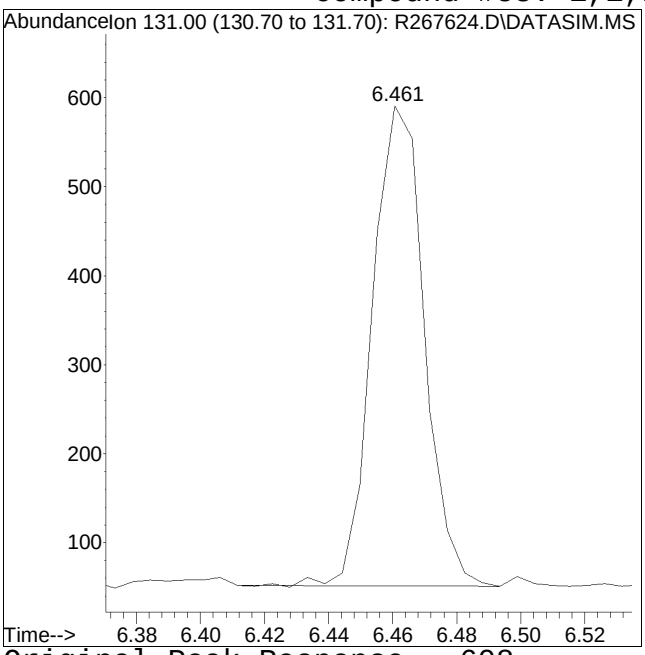
Manual Peak Response = 391 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

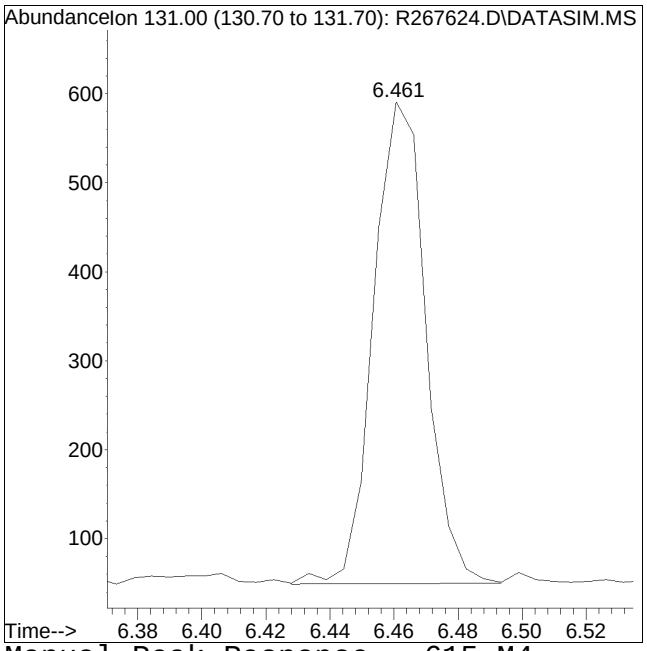
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #58: 1,1,1,2-tetrachloroethane



Original Peak Response = 608



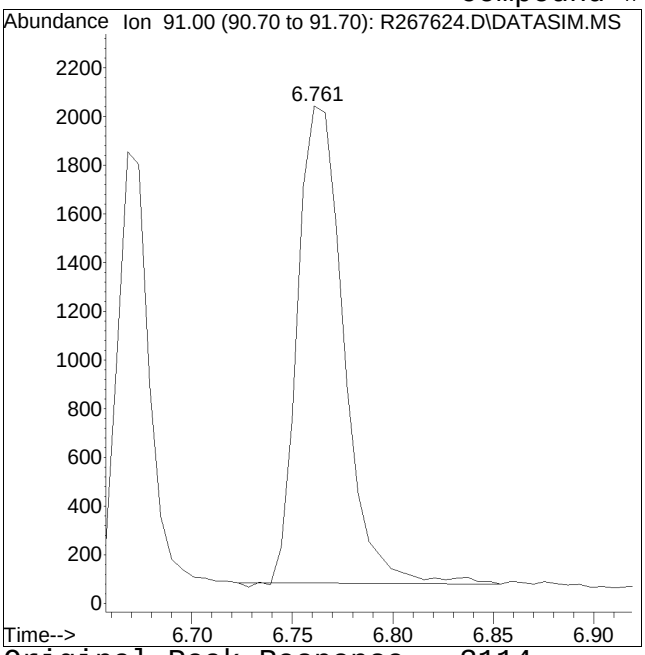
Manual Peak Response = 615 M4

M4 = Poor automated baseline construction.

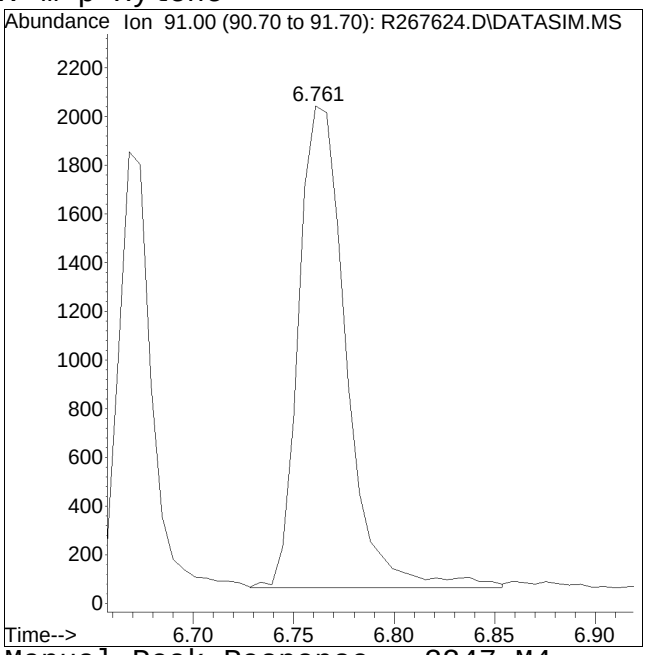
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #61: m+p-xylene



Original Peak Response = 3114



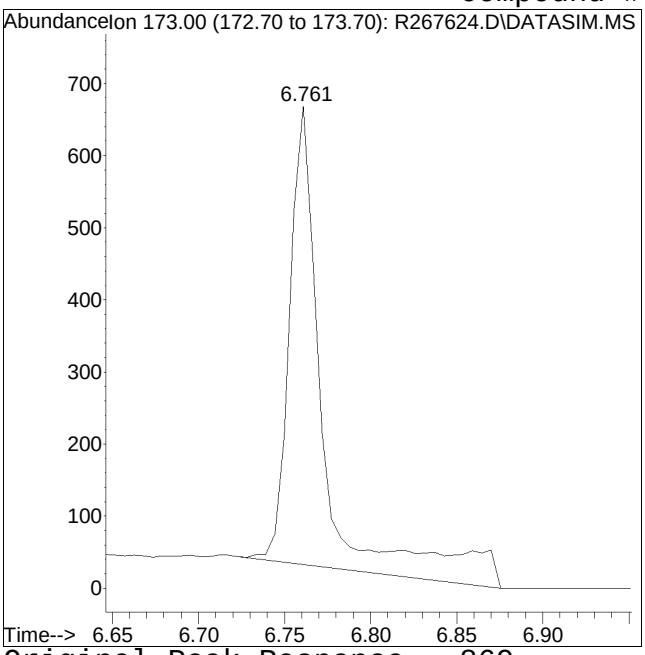
Manual Peak Response = 3247 M4

M4 = Poor automated baseline construction.

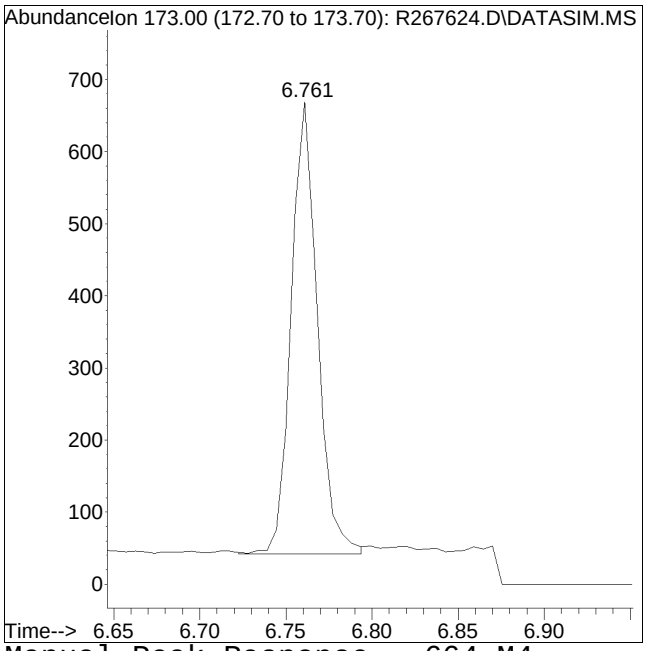
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #62: bromoform



Original Peak Response = 869



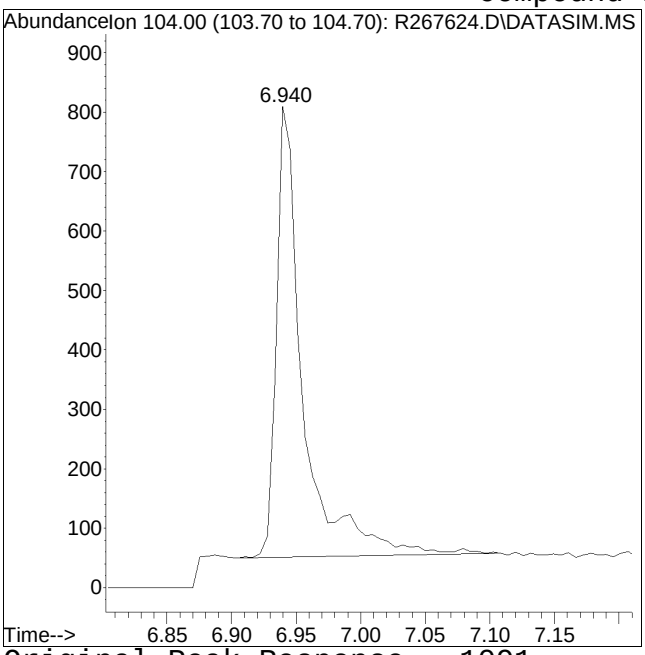
Manual Peak Response = 664 M4

M4 = Poor automated baseline construction.

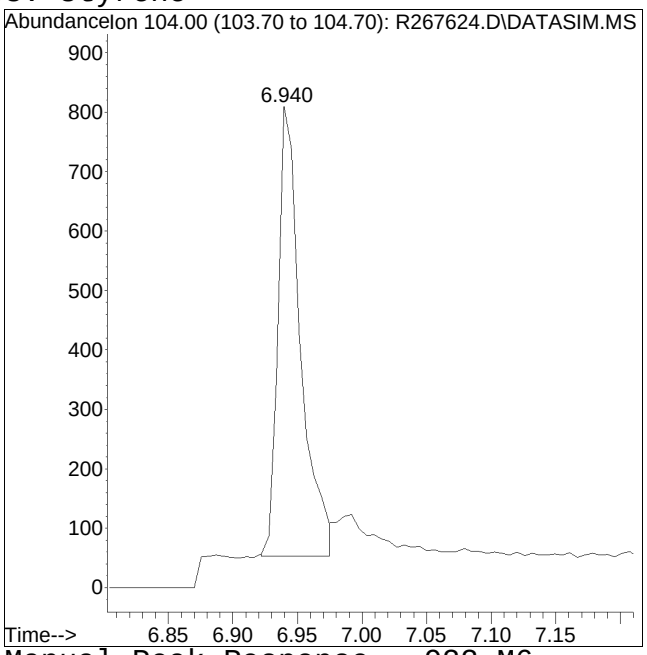
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #63: styrene



Original Peak Response = 1091



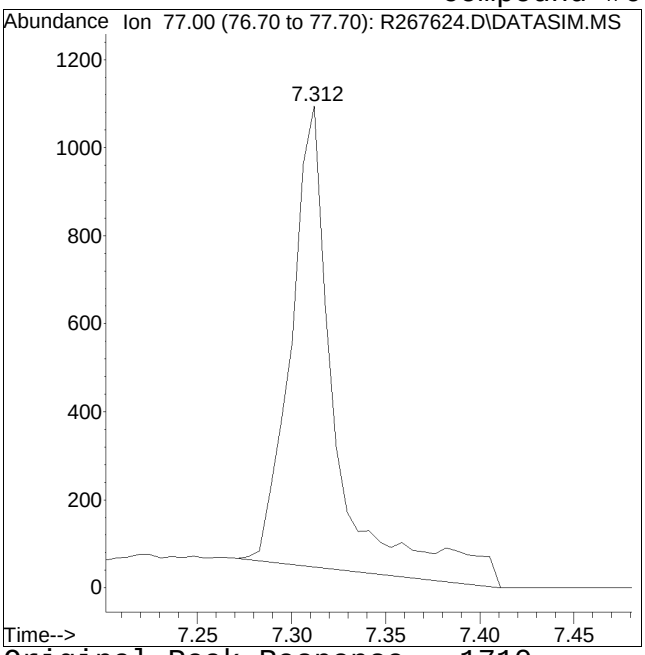
Manual Peak Response = 922 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

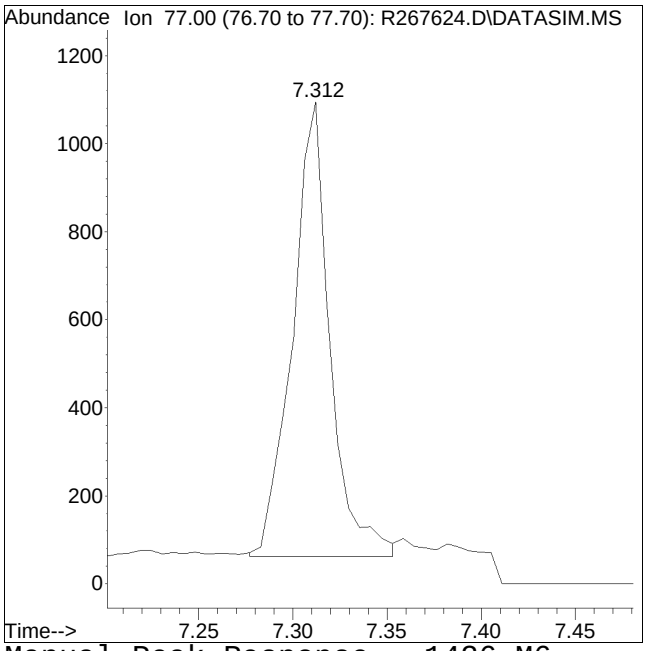
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #69: Bromobenzene



Original Peak Response = 1710



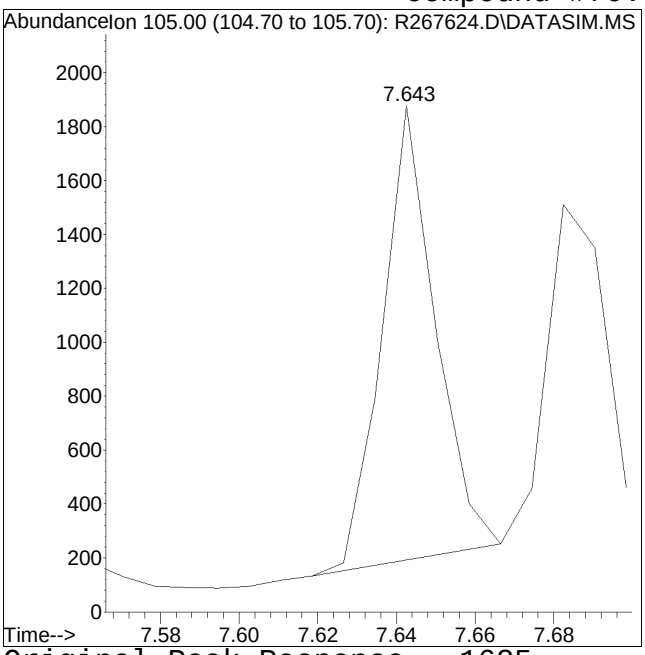
Manual Peak Response = 1426 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

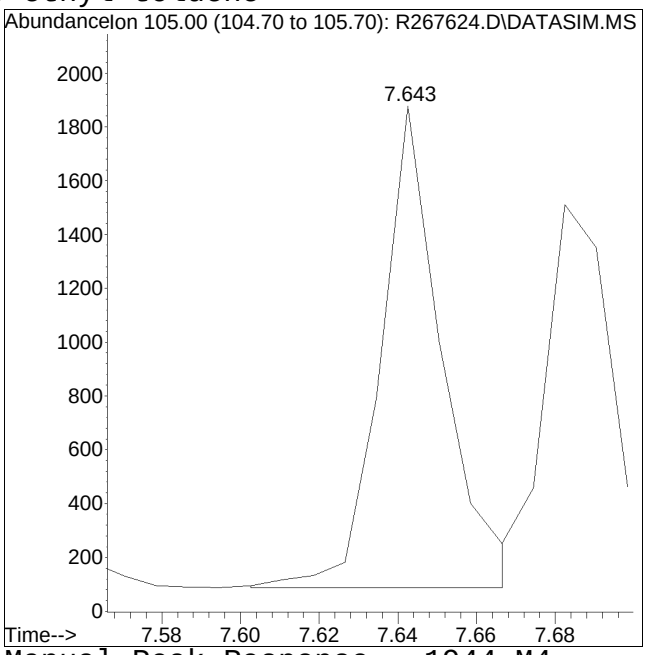
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 1625



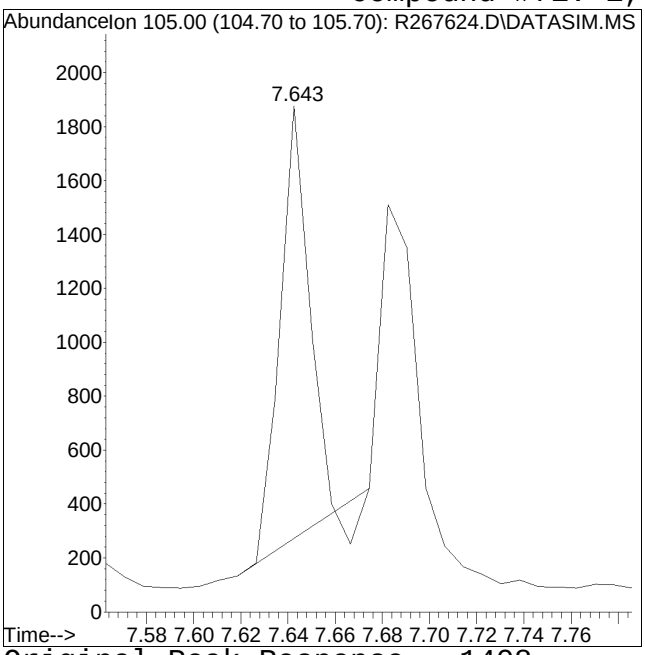
Manual Peak Response = 1944 M4

M4 = Poor automated baseline construction.

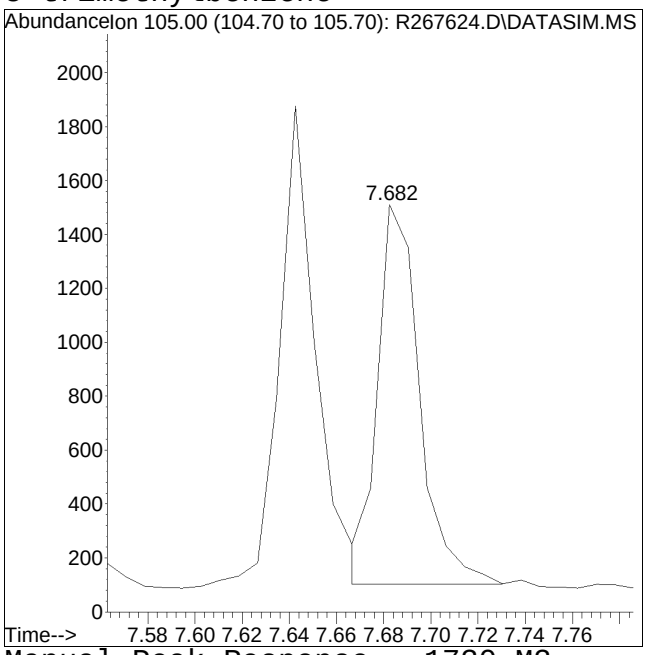
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 1408



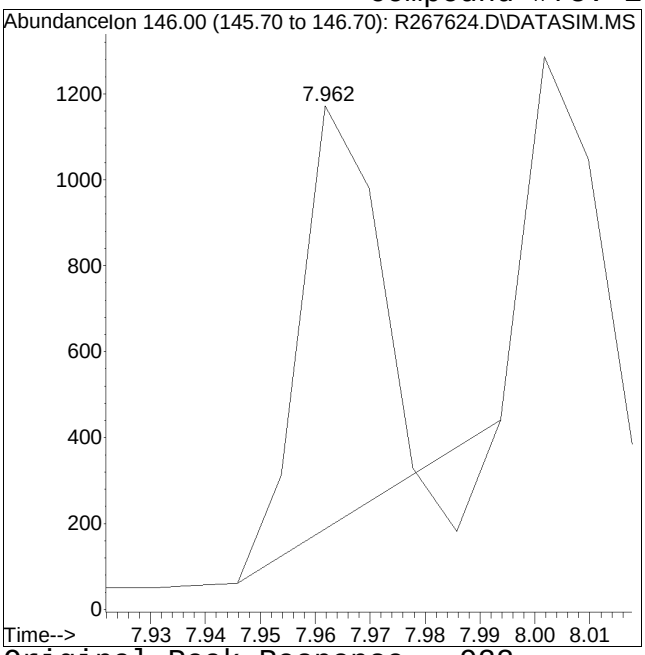
Manual Peak Response = 1730 M3

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.

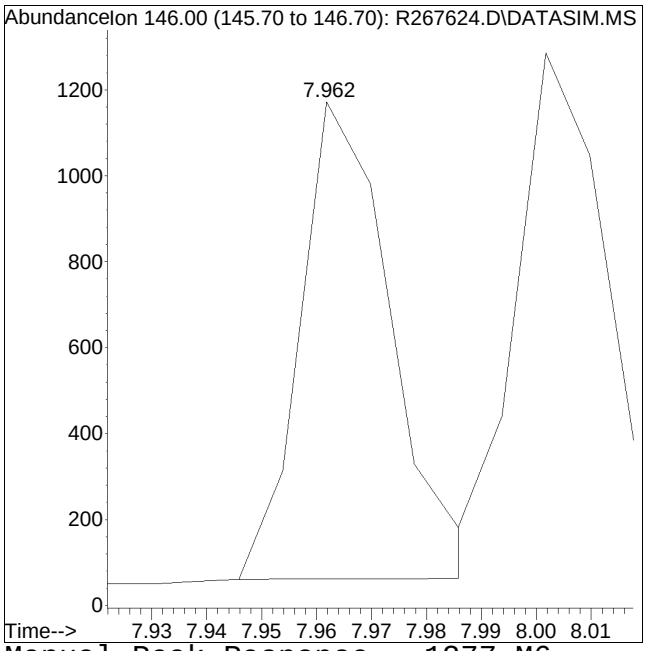
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 922



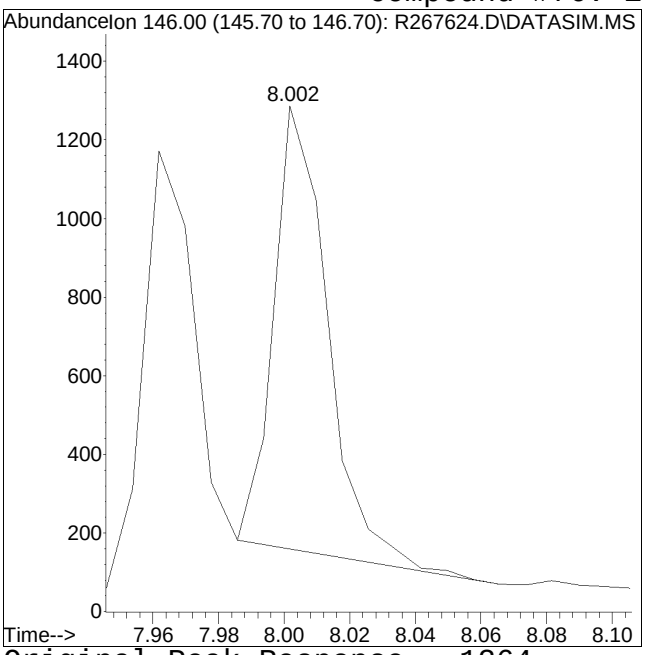
Manual Peak Response = 1277 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

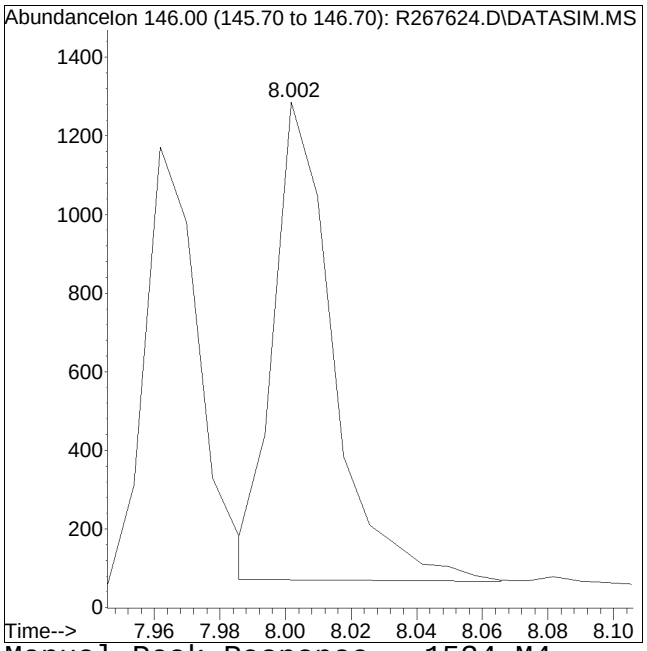
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 1264



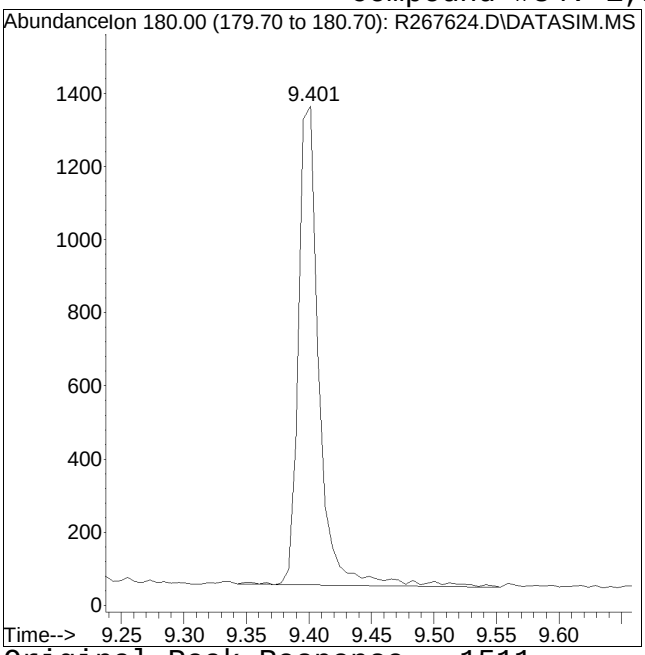
Manual Peak Response = 1534 M4

M4 = Poor automated baseline construction.

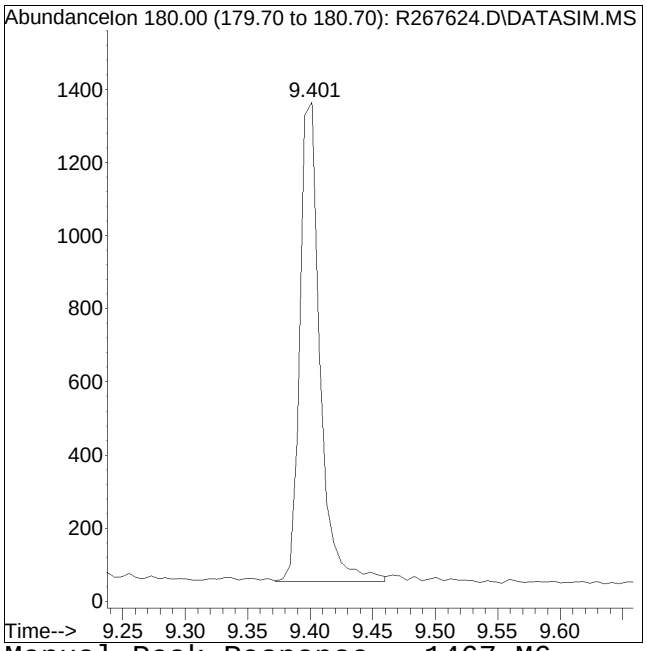
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267624.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:01 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.02 Quant Date : 1/8/2026 6:25 am

Compound #84: 1,2,3-trichlorobenzene



Original Peak Response = 1511



Manual Peak Response = 1467 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267625.D
Acq On : 07 Jan 2026 09:31 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:08 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.426	49	214405	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 109.06%			
33) 1,4-difluorobenzene	4.324	114	704106	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 106.84%			
51) chlorobenzene-D5	6.439	54	95359	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 104.76%			
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	0.000	95	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
Target Compounds						Qvalue
2) propylene	1.933	41	866M4	0.064	ppbV	
3) dichlorodifluoromethane	1.955	85	2395	0.055	ppbV	100
4) chloromethane	1.999	50	965M6	0.054	ppbV	
5) Freon-114	2.026	85	2632	0.055	ppbV	99
6) vinyl chloride	2.059	62	1045	0.058	ppbV	96
7) 1,3-butadiene	2.098	54	622	0.056	ppbV	90
8) bromomethane	2.175	94	986	0.058	ppbV	97
9) chloroethane	2.224	64	565M3	0.056	ppbV	
10) ethanol	2.263	31	2439	0.319	ppbV	97
11) vinyl bromide	2.329	106	926M4	0.055	ppbV	
12) acrolein	2.363	56	464	0.056	ppbV #	89
13) acetone	2.409	43	7768M4	0.426	ppbV	
14) trichlorofluoromethane	2.448	101	2222M4	0.056	ppbV	
15) isopropyl alcohol	2.482	45	5816M4	0.303	ppbV	
16) acrylonitrile	2.533	53	784M6	0.059	ppbV	
17) 1,1-dichloroethene	2.629	61	1329M6	0.054	ppbV	
18) tertiary butyl alcohol	2.658	59	3029	0.103	ppbV #	96
19) methylene chloride	2.663	49	1271M6	0.074	ppbV	
20) 3-chloropropene	2.701	41	868	0.058	ppbV #	1
21) carbon disulfide	2.753	76	2762	0.063	ppbV #	73
22) Freon 113	2.753	101	2012	0.056	ppbV #	92
23) trans-1,2-dichloroethene	2.971	61	1152M6	0.055	ppbV	
24) 1,1-dichloroethane	3.042	63	1566M6	0.054	ppbV	

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267625.D
Acq On : 07 Jan 2026 09:31 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:08 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.091	73	2295	0.058	ppbV	#	18
26) vinyl acetate	3.113	43	1562M6	0.054	ppbV		
27) 2-butanone	3.219	43	2078	0.061	ppbV	#	93
28) cis-1,2-dichloroethene	3.366	61	1362M6	0.056	ppbV		
29) Ethyl Acetate	3.501	61	494M6	0.088	ppbV		
30) chloroform	3.493	83	2087M6	0.056	ppbV		
31) Tetrahydrofuran	3.703	42	785M6	0.056	ppbV		
32) 1,2-dichloroethane	3.809	62	1141	0.054	ppbV	#	96
34) hexane	3.471	57	1564	0.067	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	1897	0.053	ppbV	#	9
37) benzene	4.126	78	3315M6	0.056	ppbV		
38) carbon tetrachloride	4.201	117	1814M6	0.053	ppbV		
39) cyclohexane	4.258	56	1438M6	0.058	ppbV		
40) Dibromomethane	4.503	93	1314M6	0.057	ppbV		
41) 1,2-dichloropropane	4.522	63	1150M6	0.054	ppbV		
42) bromodichloromethane	4.616	83	2024M6	0.056	ppbV		
43) 1,4-dioxane	4.710	88	548M6	0.050	ppbV		
44) trichloroethene	4.644	130	1467	0.053	ppbV	#	50
45) 2,2,4-trimethylpentane	4.682	57	4392	0.060	ppbV	#	59
46) heptane	4.833	43	1452M4	0.059	ppbV		
47) cis-1,3-dichloropropene	5.084	75	1562M6	0.051	ppbV		
48) 4-methyl-2-pentanone	5.148	43	1702M4	0.050	ppbV		
49) trans-1,3-dichloropropene	5.356	75	1221	0.053	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	1500	0.058	ppbV	#	1
52) toluene	5.571	91	4039	0.057	ppbV		97
54) 2-hexanone	5.771	43	1350M4	0.041	ppbV		
55) dibromochloromethane	5.763	129	1909	0.054	ppbV		97
56) 1,2-dibromoethane	5.883	107	2080	0.056	ppbV		98
57) tetrachloroethene	6.130	166	1748M4	0.056	ppbV		
58) 1,1,1,2-tetrachloroethane	6.461	131	1509M4	0.052	ppbV		
59) chlorobenzene	6.461	112	3244	0.056	ppbV	#	1
60) ethylbenzene	6.668	91	4876	0.054	ppbV		99
61) m+p-xylene	6.761	91	8041	0.114	ppbV		99
62) bromoform	6.761	173	1668M6	0.053	ppbV		
63) styrene	6.940	104	2463M4	0.046	ppbV		
64) 1,1,2,2-tetrachloroethane	6.986	83	3104	0.057	ppbV		100
65) o-xylene	6.986	91	3892M6	0.057	ppbV		
66) 1,2,3-Trichloropropane	7.050	75	2227	0.054	ppbV		99
68) isopropylbenzene	7.295	105	5911	0.057	ppbV		95
69) Bromobenzene	7.306	77	3878	0.059	ppbV		88

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267625.D
Acq On : 07 Jan 2026 09:31 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:08 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

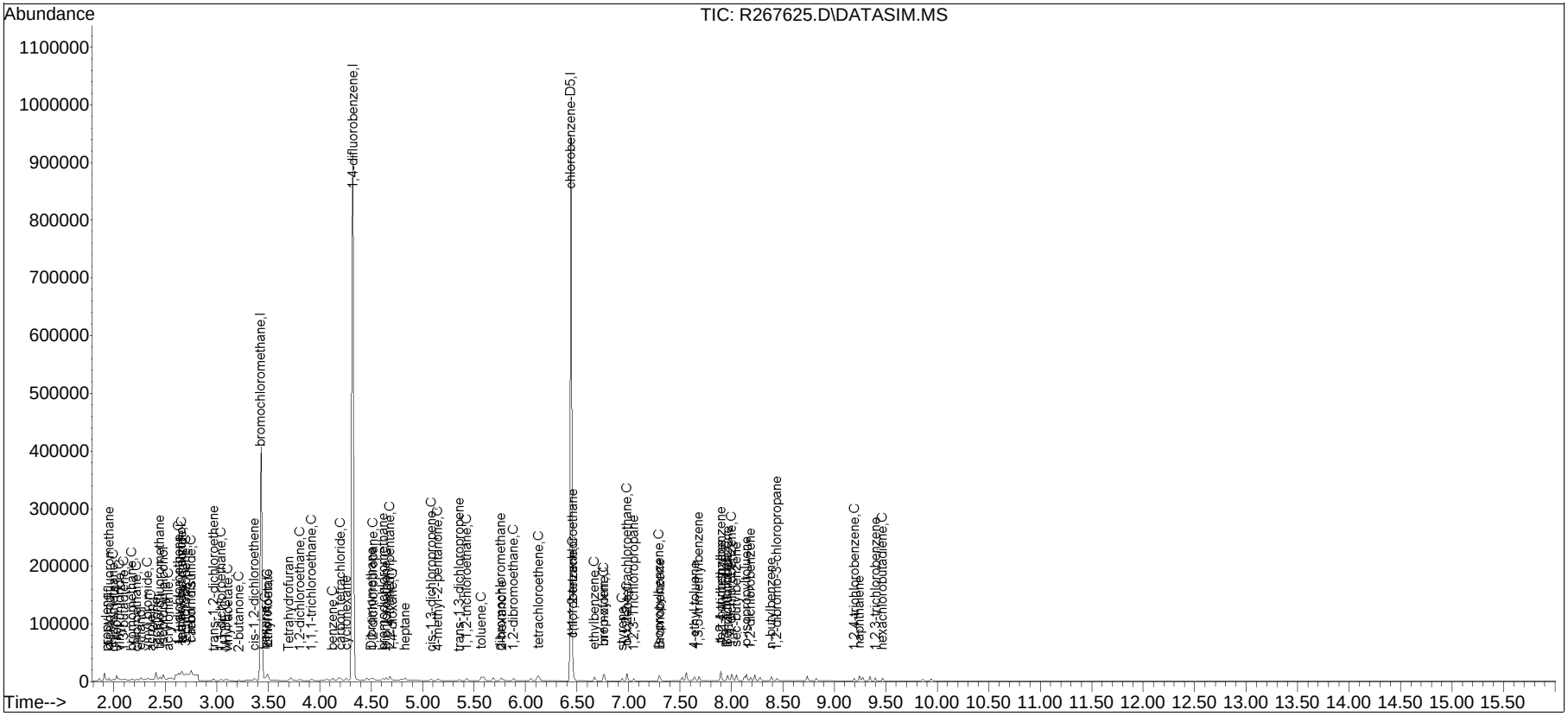
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 4-ethyl toluene	7.643	105	5030M6	0.054	ppbV		
71) 1,3,5-trimethylbenzene	7.683	105	4368M6	0.057	ppbV		
72) tert-butylbenzene	7.898	119	4996	0.055	ppbV		98
73) 1,2,4-trimethylbenzene	7.898	105	4364	0.053	ppbV		99
74) Benzyl Chloride	7.962	91	3248	0.049	ppbV		95
75) 1,3-dichlorobenzene	7.962	146	3374M6	0.055	ppbV		
76) 1,4-dichlorobenzene	8.002	146	3723M6	0.061	ppbV		
77) sec-butylbenzene	8.050	105	6888	0.053	ppbV		99
78) p-isopropyltoluene	8.146	119	5985	0.052	ppbV		100
79) 1,2-dichlorobenzene	8.186	146	3499	0.059	ppbV		98
80) n-butylbenzene	8.385	91	5653	0.052	ppbV		100
81) 1,2-dibromo-3-chloropr...	8.441	75	1510	0.055	ppbV	#	92
82) 1,2,4-trichlorobenzene	9.195	180	3493	0.060	ppbV		99
83) naphthalene	9.242	128	8945	0.058	ppbV		97
84) 1,2,3-trichlorobenzene	9.399	180	3439	0.051	ppbV		99
85) hexachlorobutadiene	9.470	225	2166	0.055	ppbV		98

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267625.D
Acq On : 07 Jan 2026 09:31 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.05
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

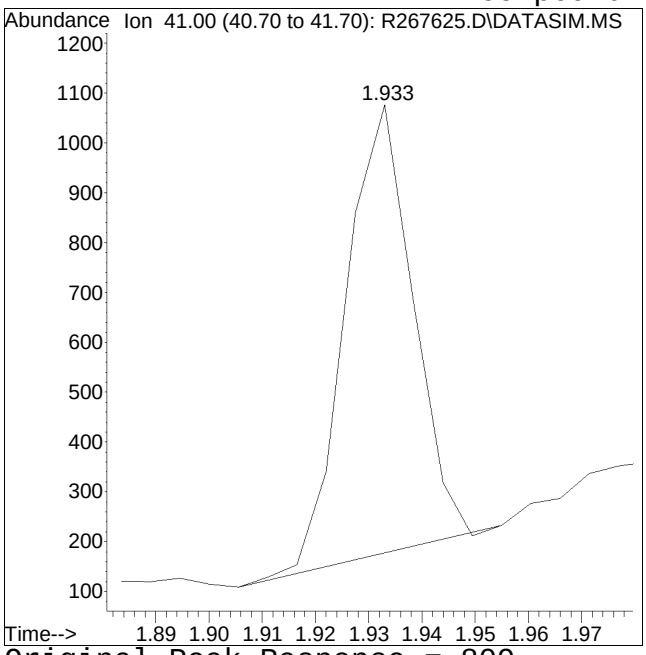
Quant Time: Jan 08 06:25:08 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration



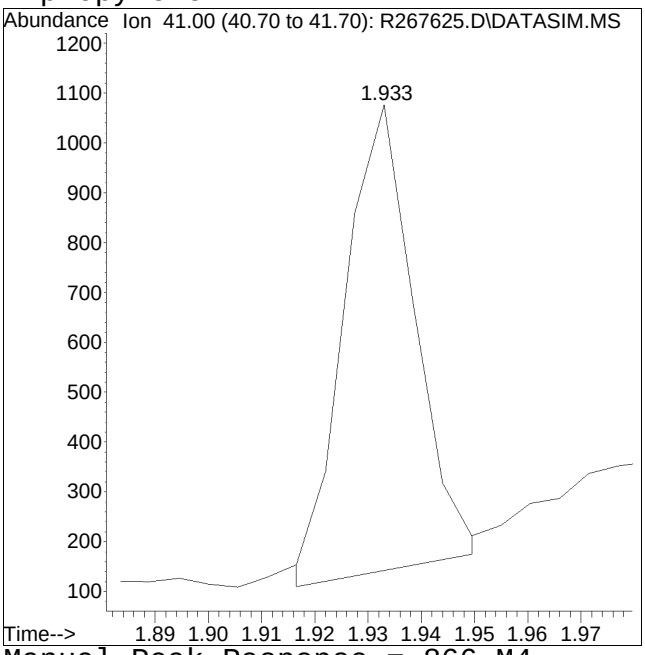
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #2: propylene



Original Peak Response = 809



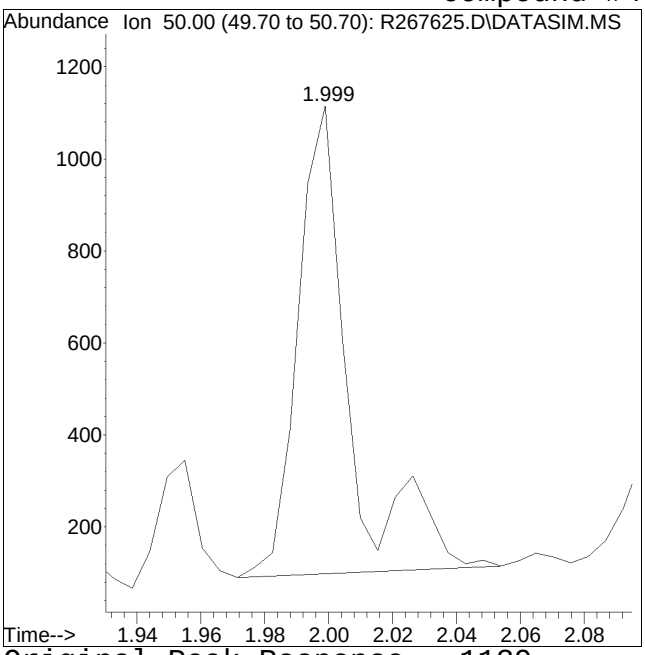
Manual Peak Response = 866 M4

M4 = Poor automated baseline construction.

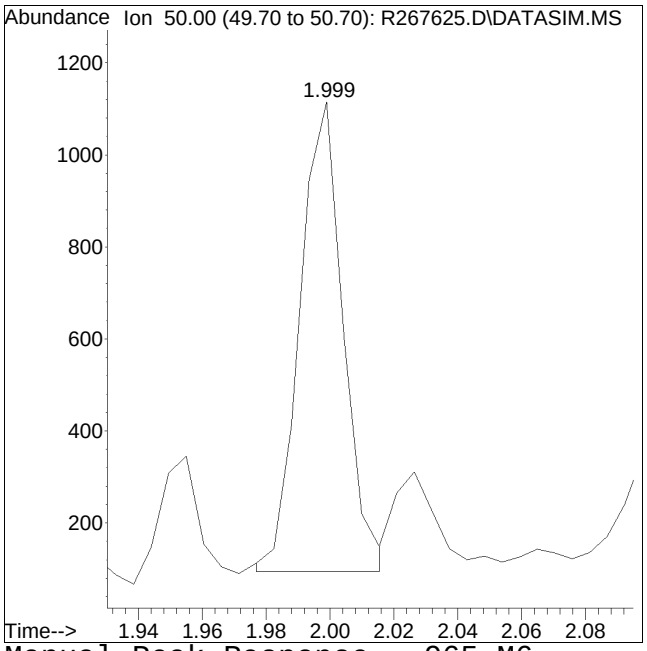
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 1139



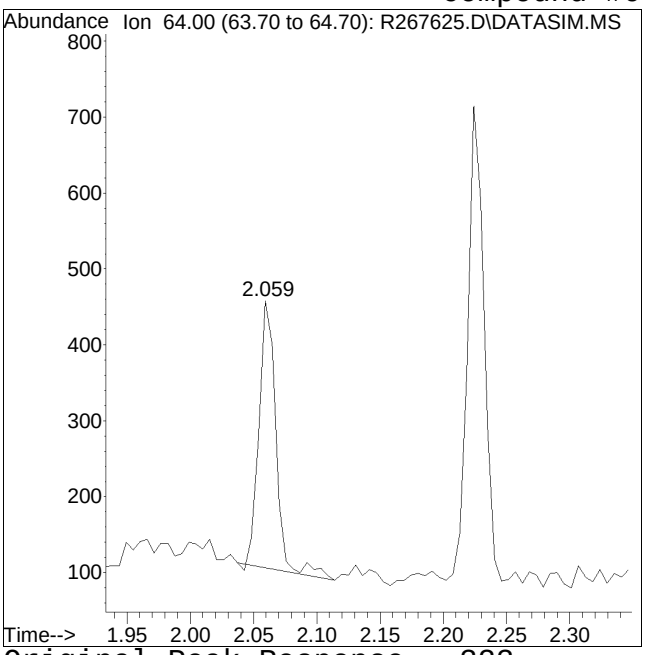
Manual Peak Response = 965 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

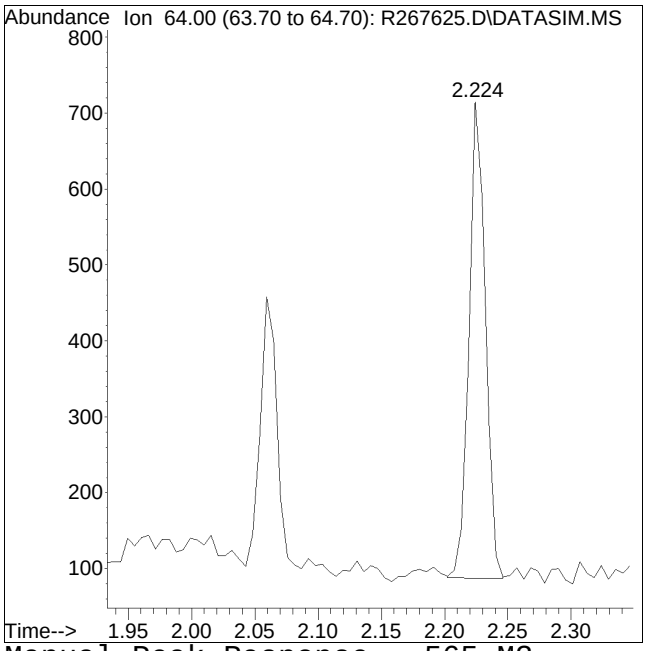
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #9: chloroethane



Original Peak Response = 323



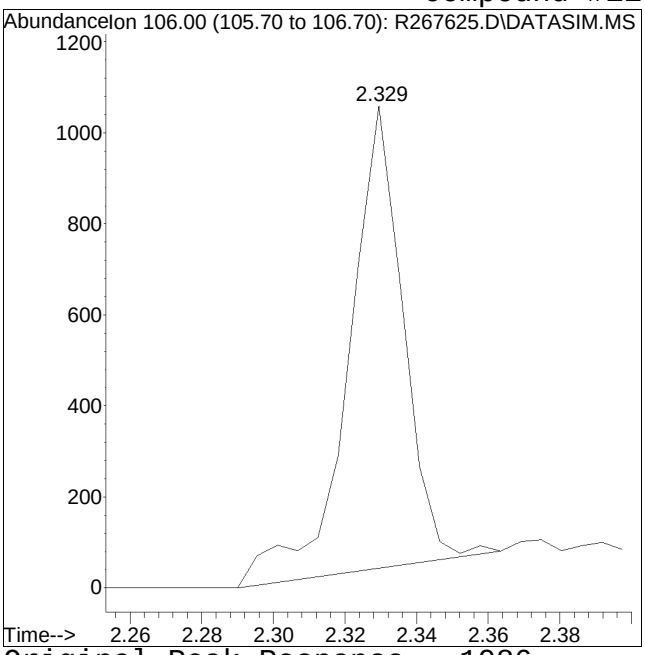
Manual Peak Response = 565 M3

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.

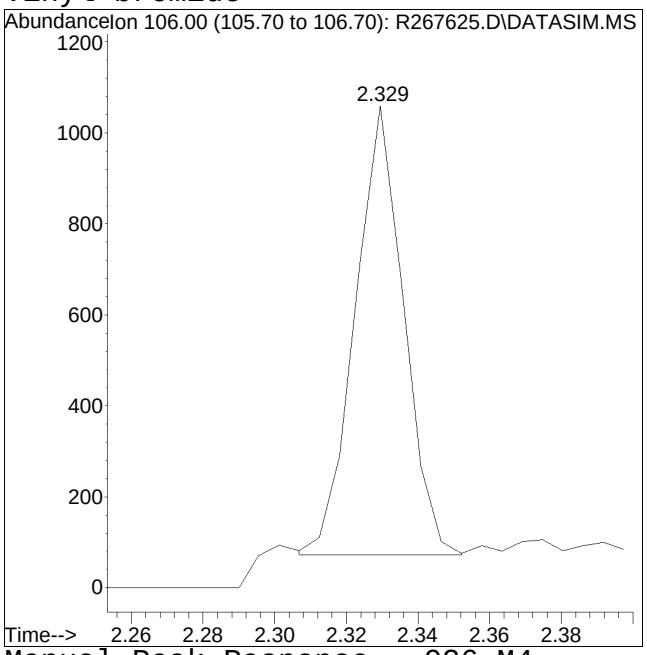
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #11: vinyl bromide



Original Peak Response = 1086



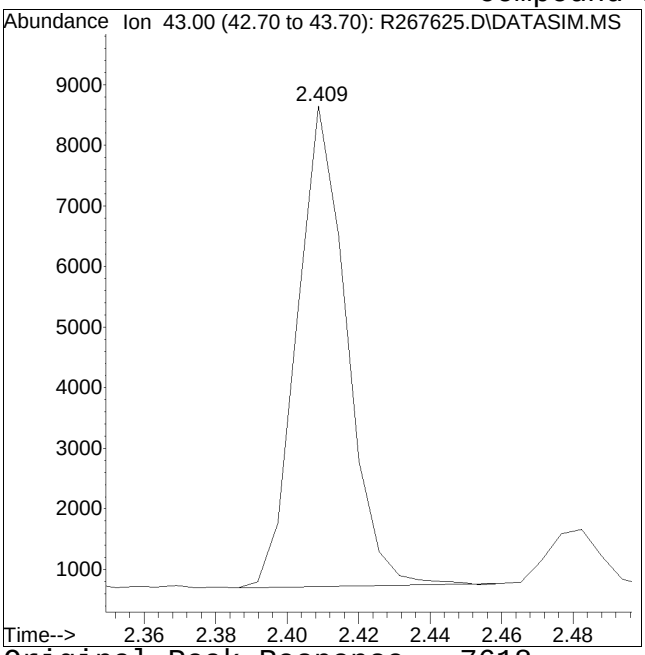
Manual Peak Response = 926 M4

M4 = Poor automated baseline construction.

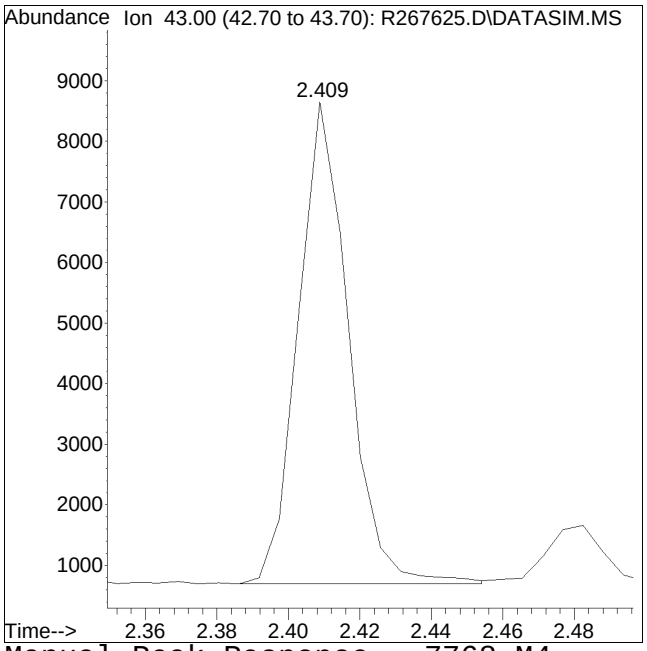
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #13: acetone



Original Peak Response = 7618



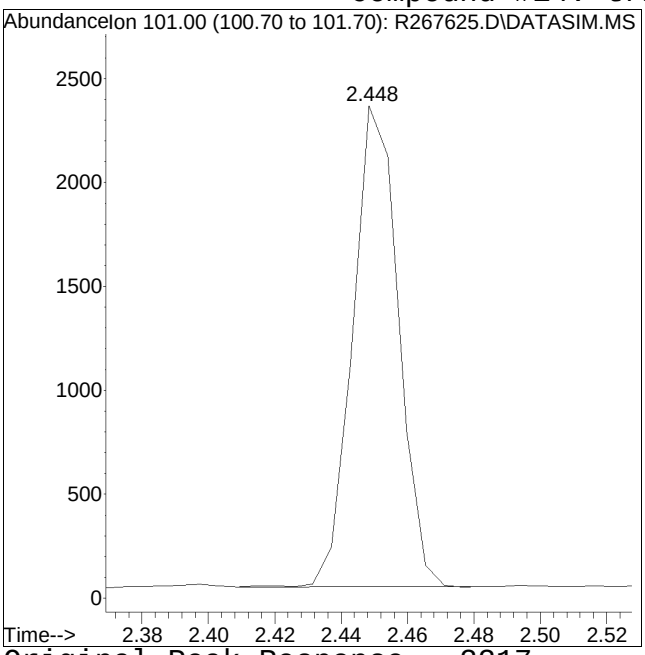
Manual Peak Response = 7768 M4

M4 = Poor automated baseline construction.

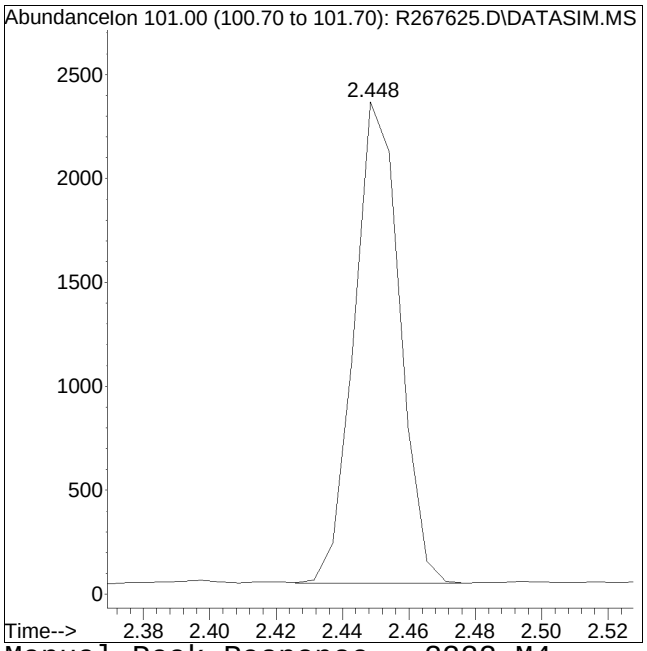
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #14: trichlorofluoromethane



Original Peak Response = 2217



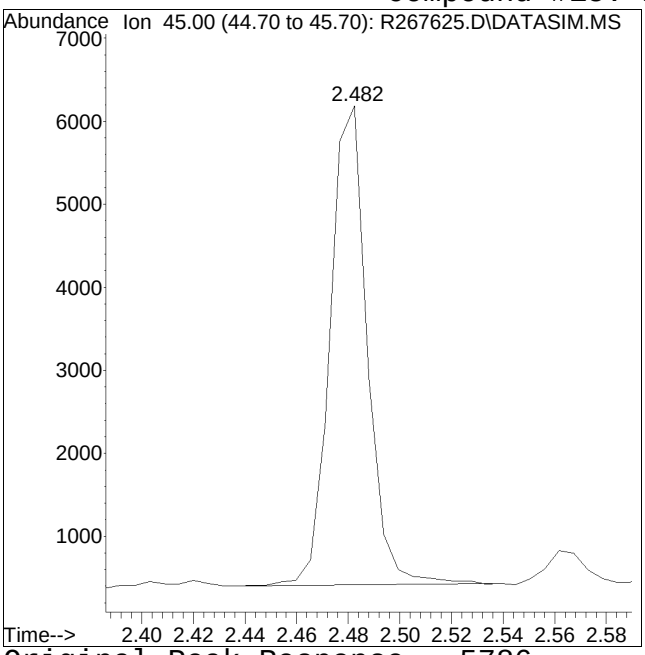
Manual Peak Response = 2222 M4

M4 = Poor automated baseline construction.

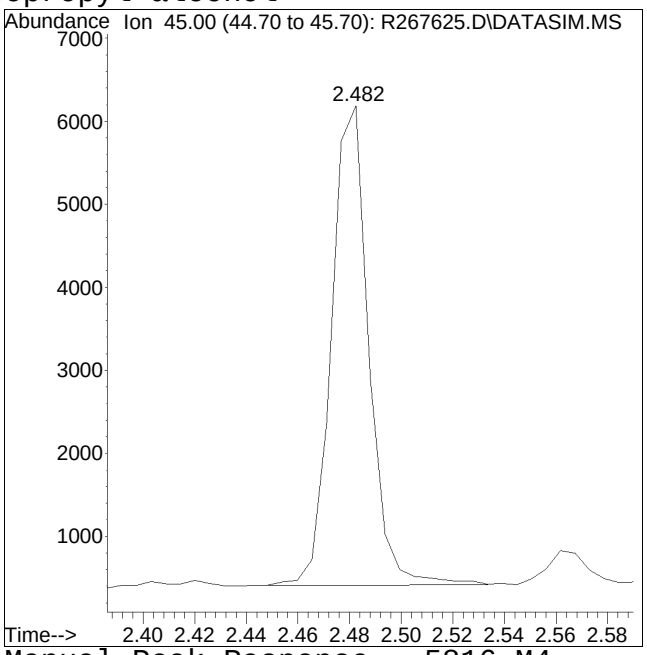
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #15: isopropyl alcohol



Original Peak Response = 5786



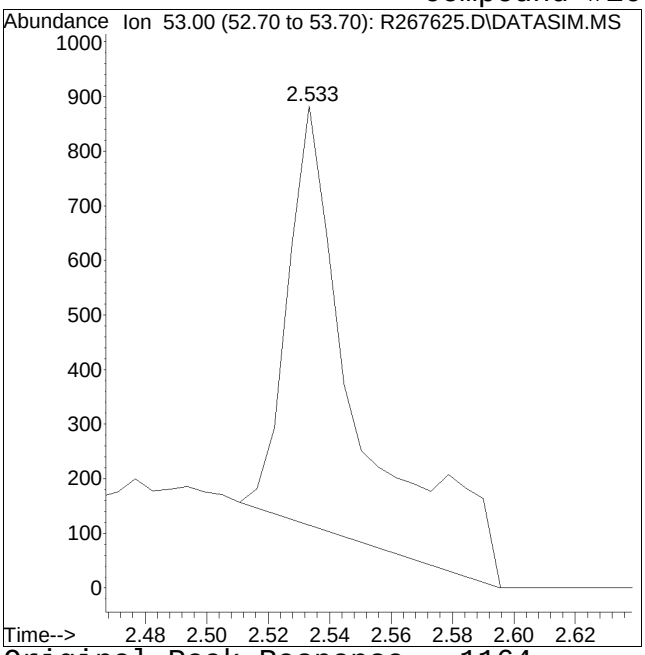
Manual Peak Response = 5816 M4

M4 = Poor automated baseline construction.

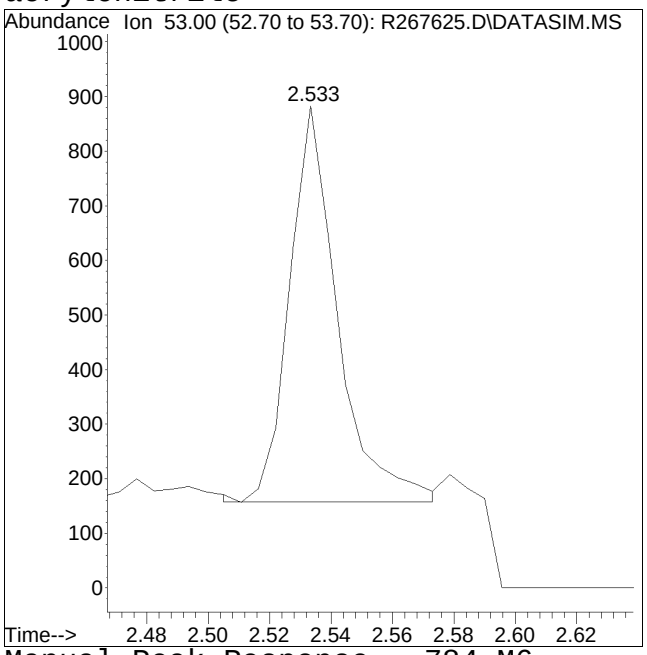
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #16: acrylonitrile



Original Peak Response = 1164



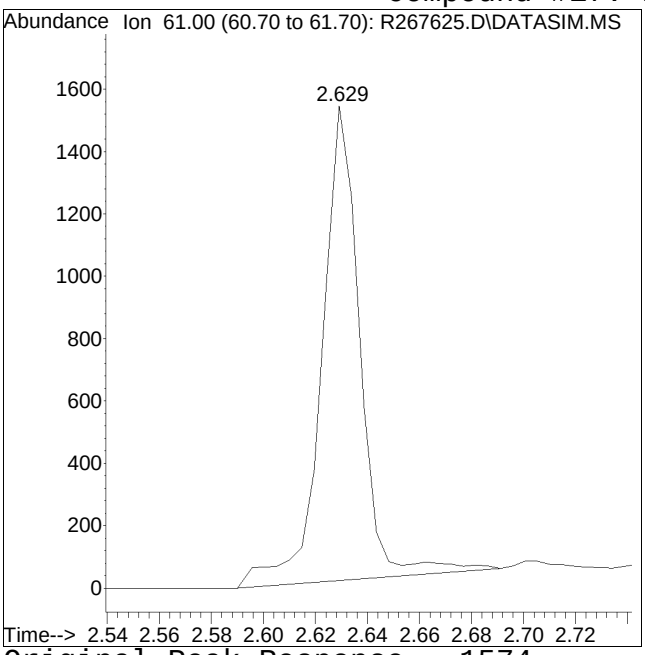
Manual Peak Response = 784 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

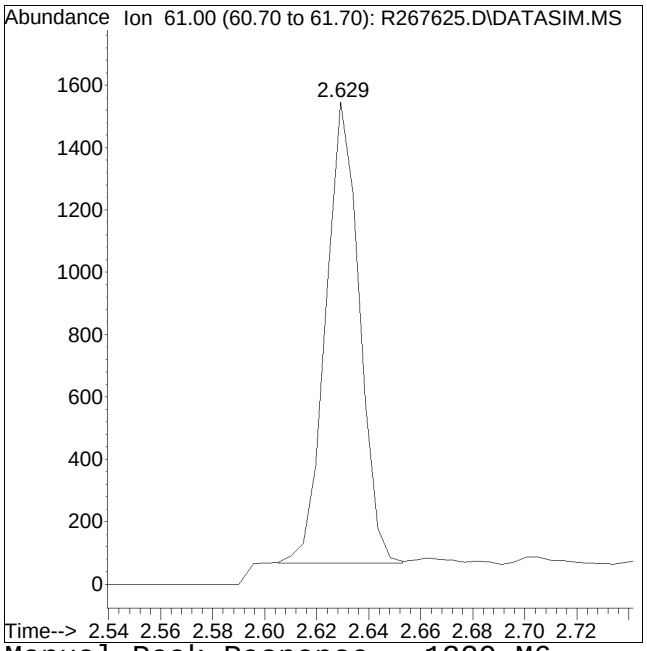
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 1574



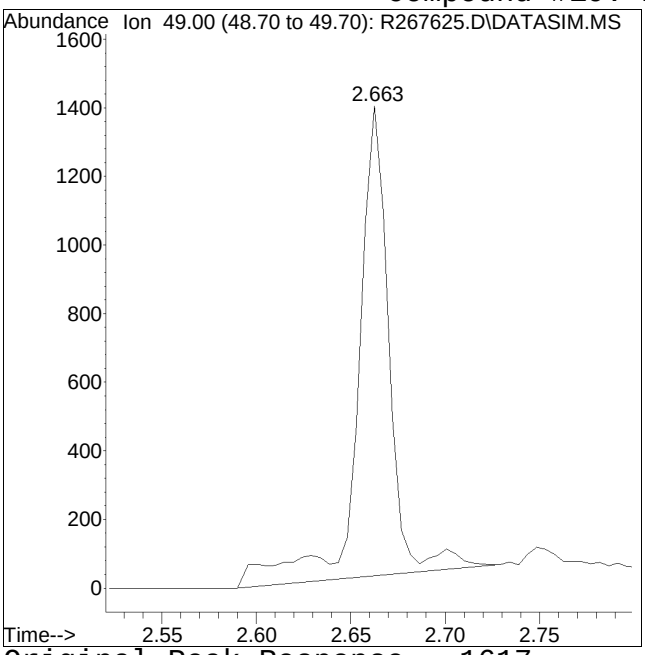
Manual Peak Response = 1329 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

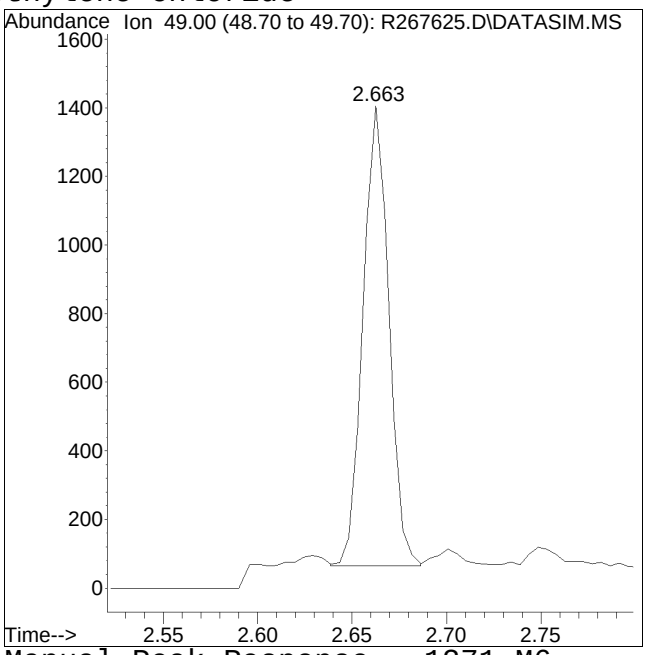
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #19: methylene chloride



Original Peak Response = 1617



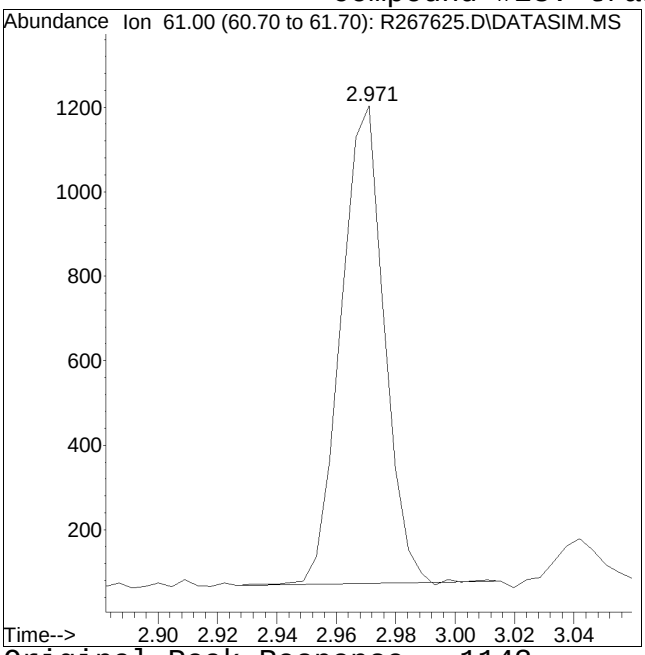
Manual Peak Response = 1271 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

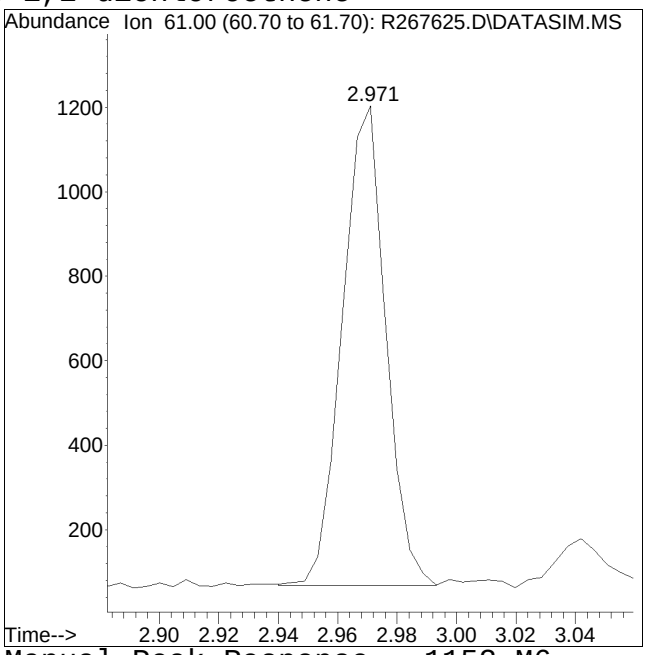
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #23: trans-1,2-dichloroethene



Original Peak Response = 1143



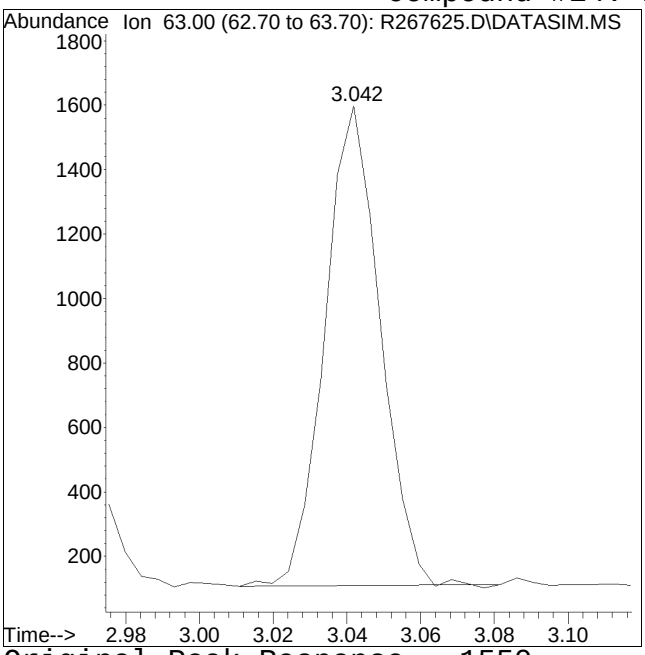
Manual Peak Response = 1152 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

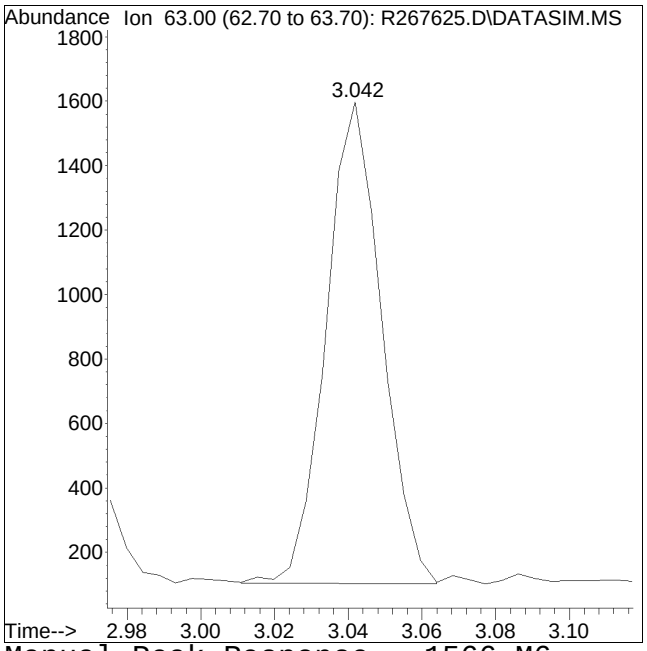
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #24: 1,1-dichloroethane



Original Peak Response = 1550



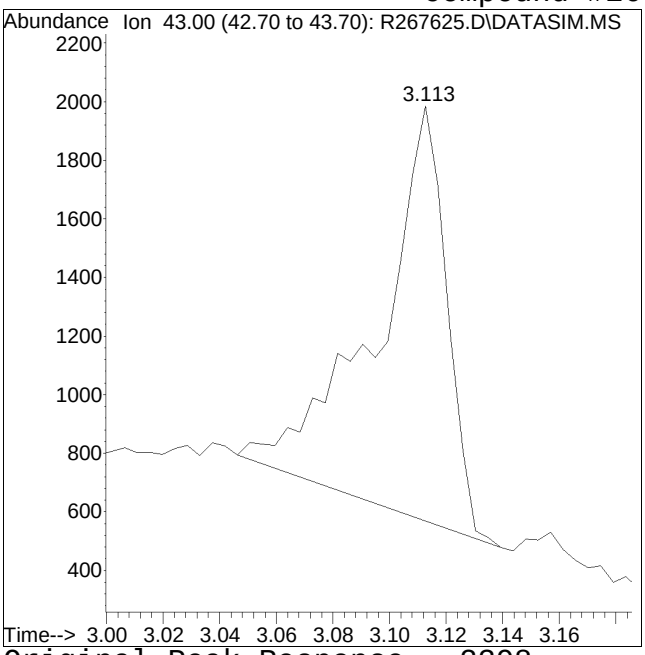
Manual Peak Response = 1566 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

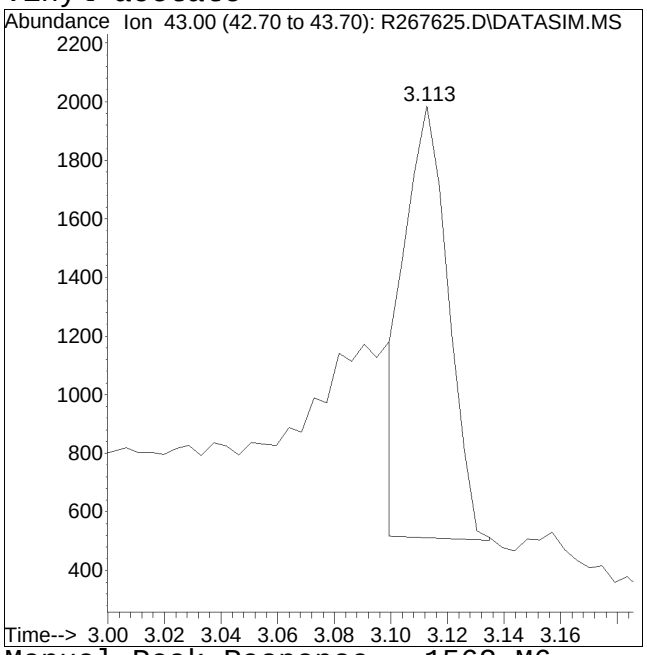
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 2398



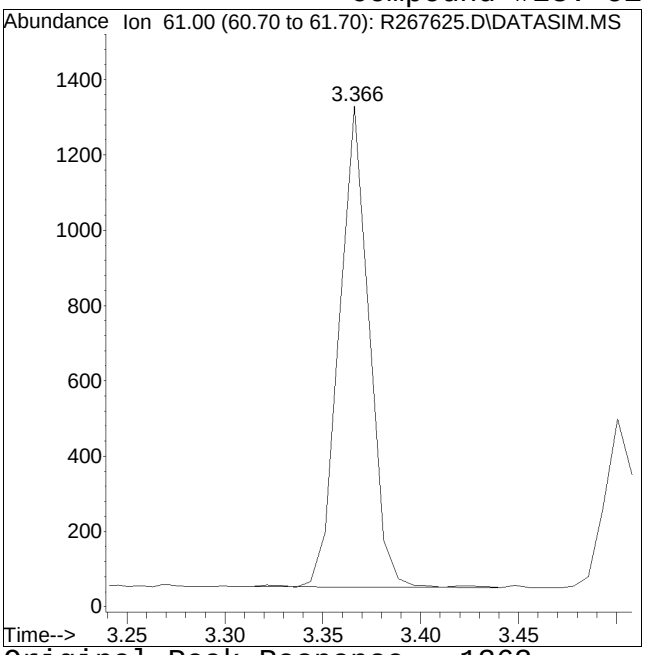
Manual Peak Response = 1562 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

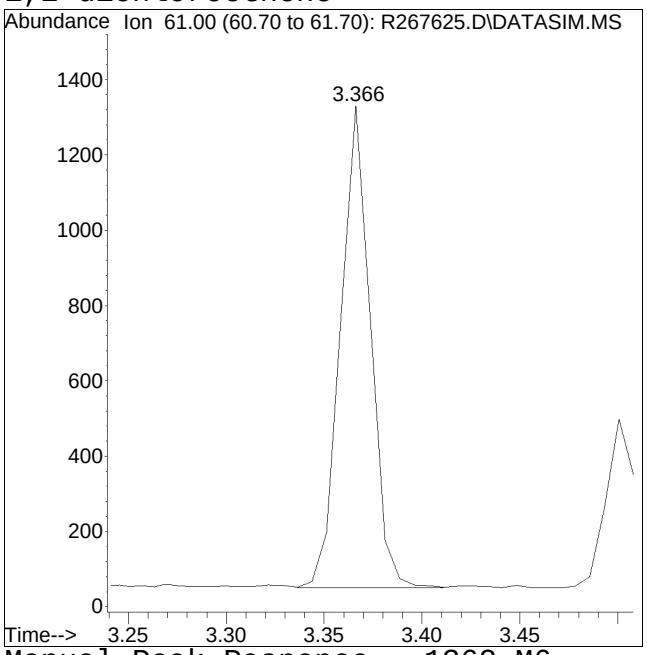
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #28: cis-1,2-dichloroethene



Original Peak Response = 1363



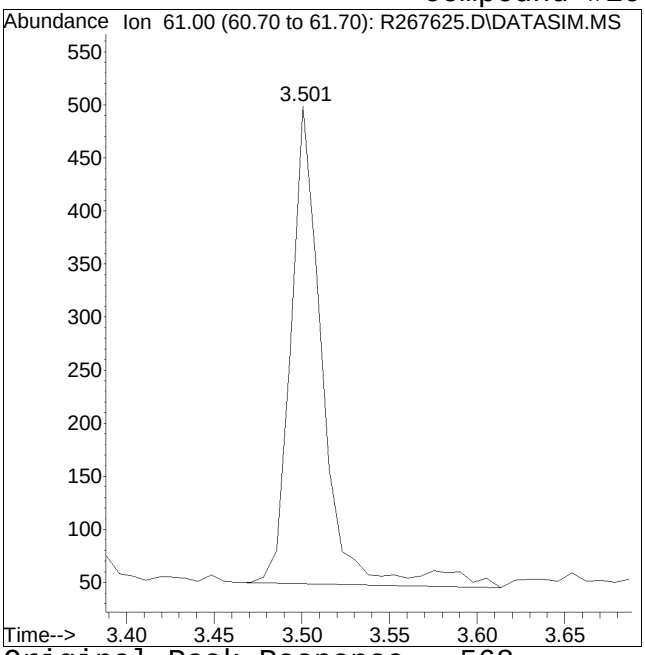
Manual Peak Response = 1362 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

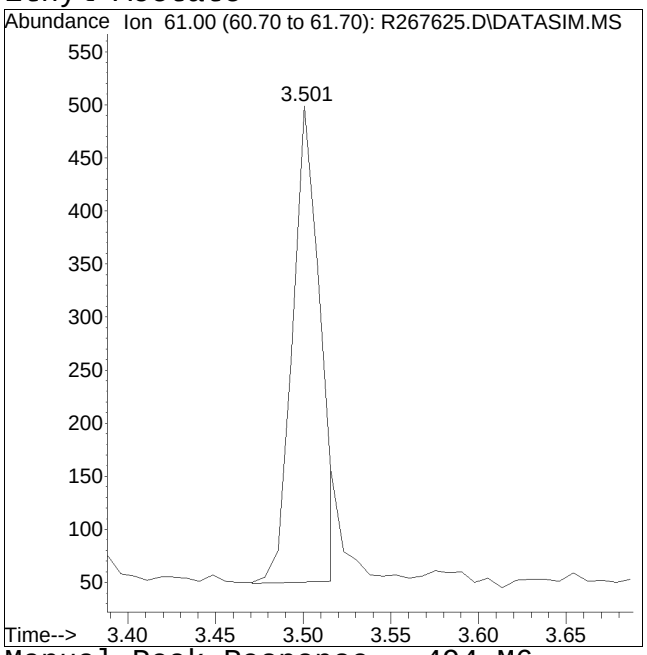
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 568



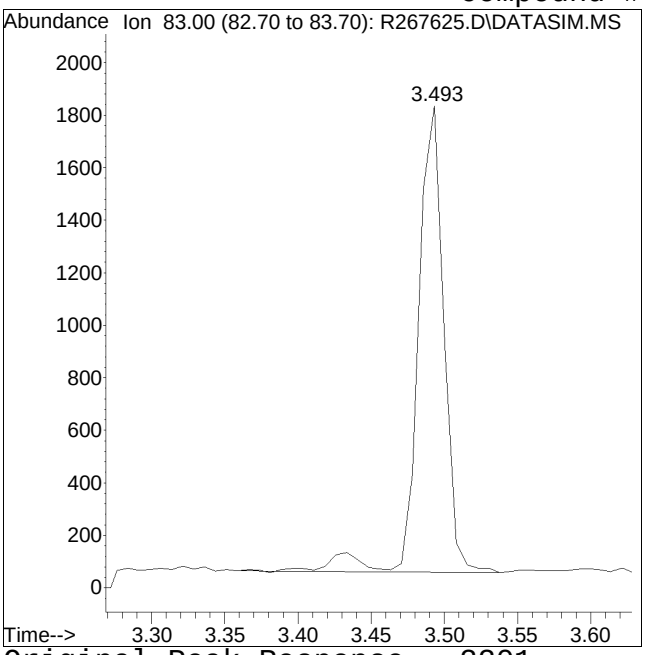
Manual Peak Response = 494 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

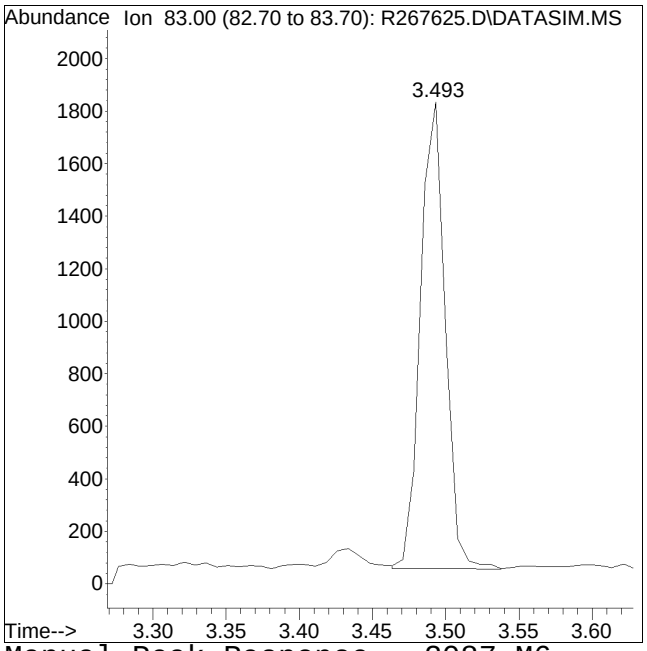
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #30: chloroform



Original Peak Response = 2201



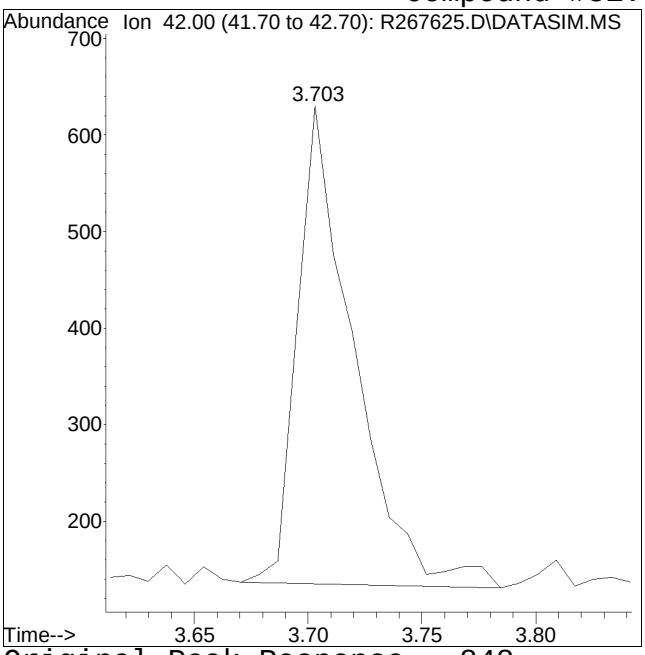
Manual Peak Response = 2087 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

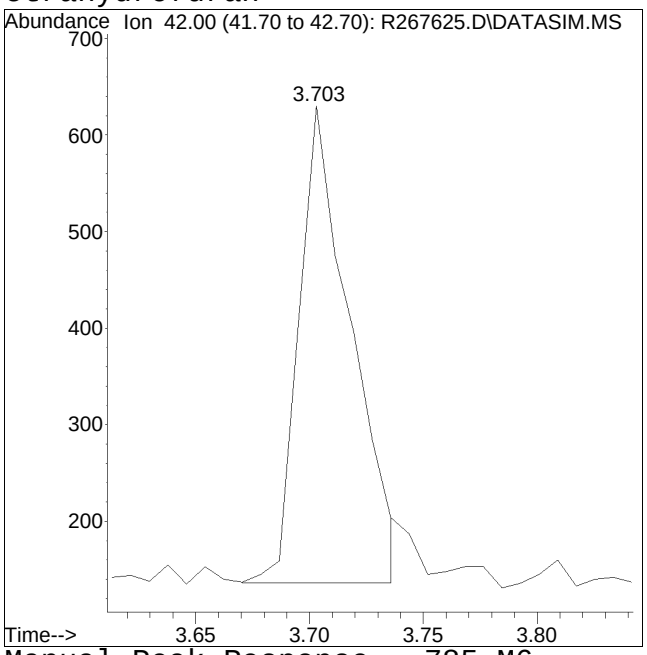
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 848



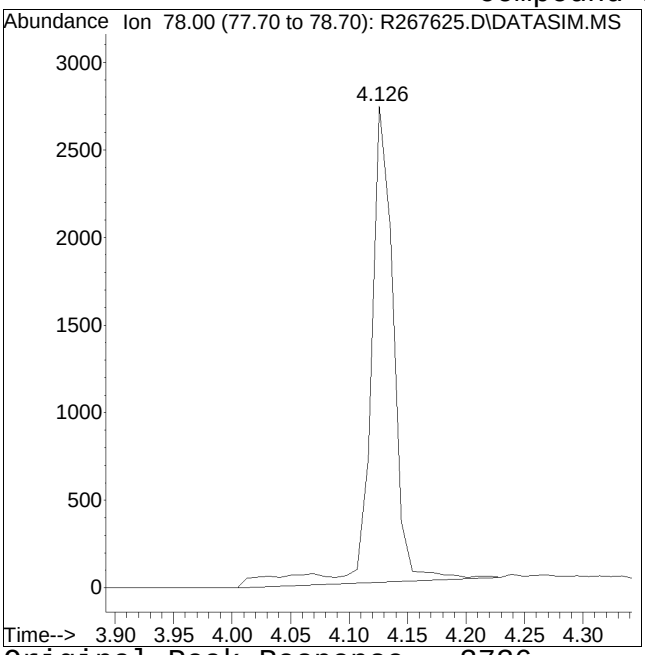
Manual Peak Response = 785 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

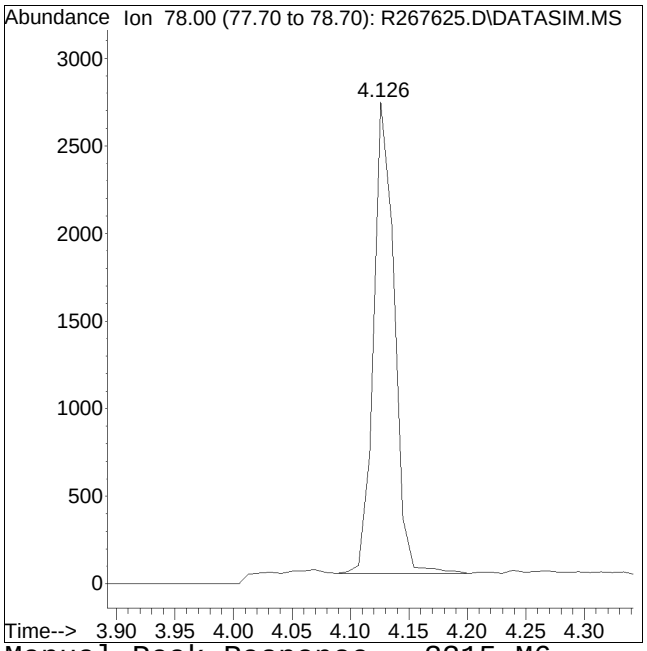
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #37: benzene



Original Peak Response = 3736



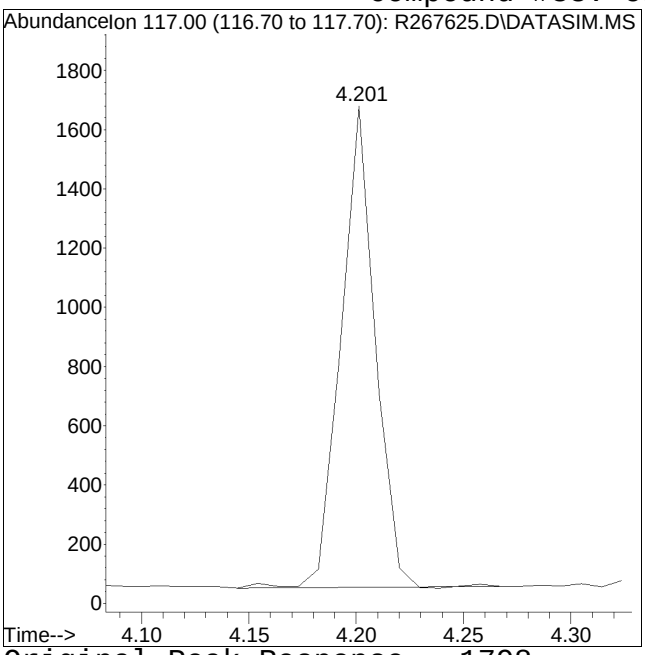
Manual Peak Response = 3315 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

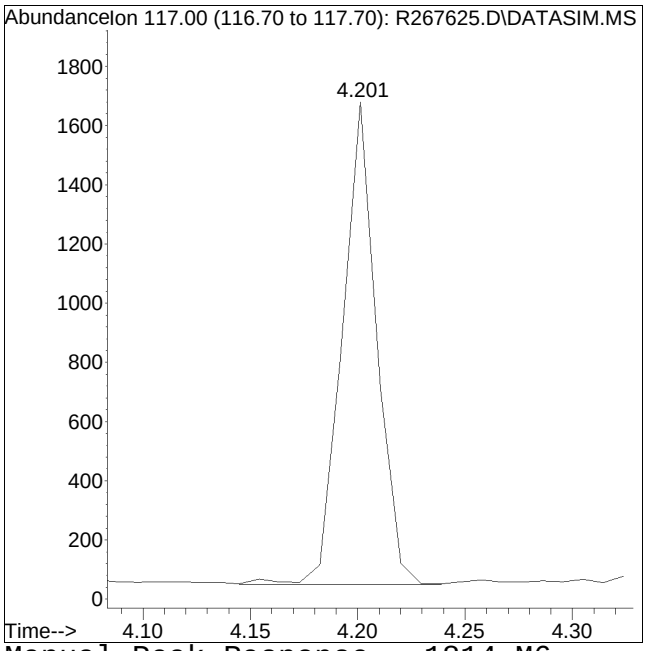
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #38: carbon tetrachloride



Original Peak Response = 1798



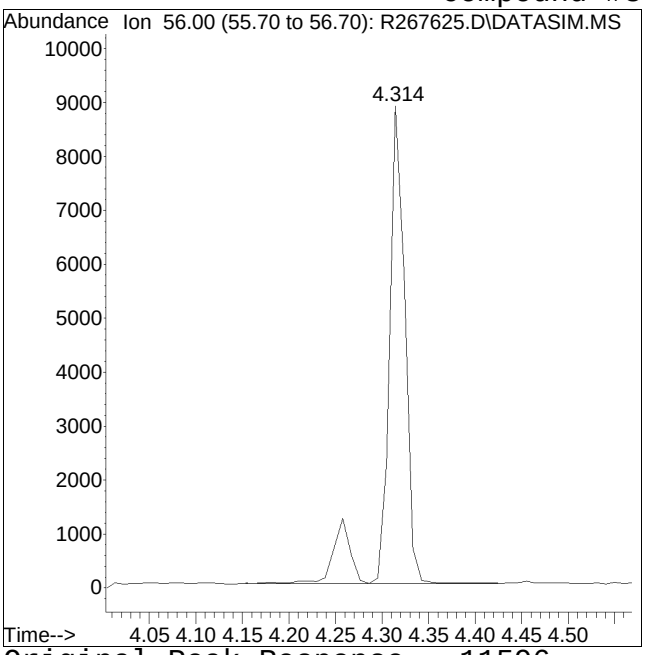
Manual Peak Response = 1814 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

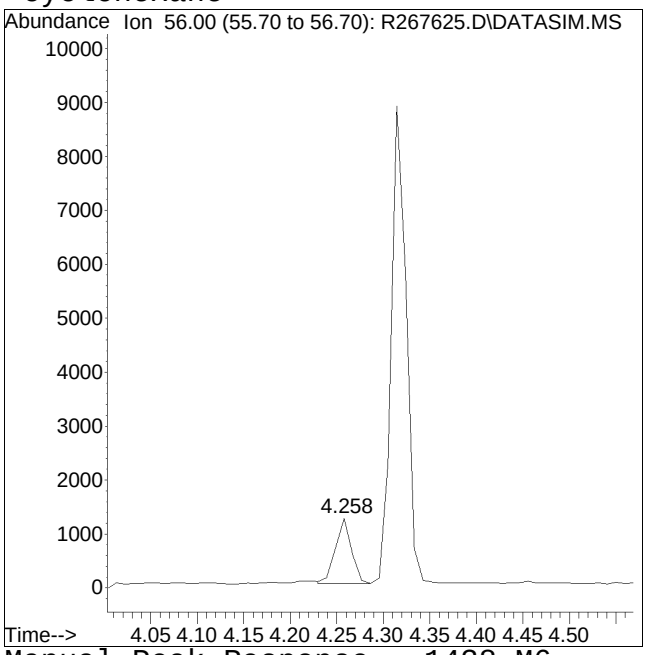
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #39: cyclohexane



Original Peak Response = 11596



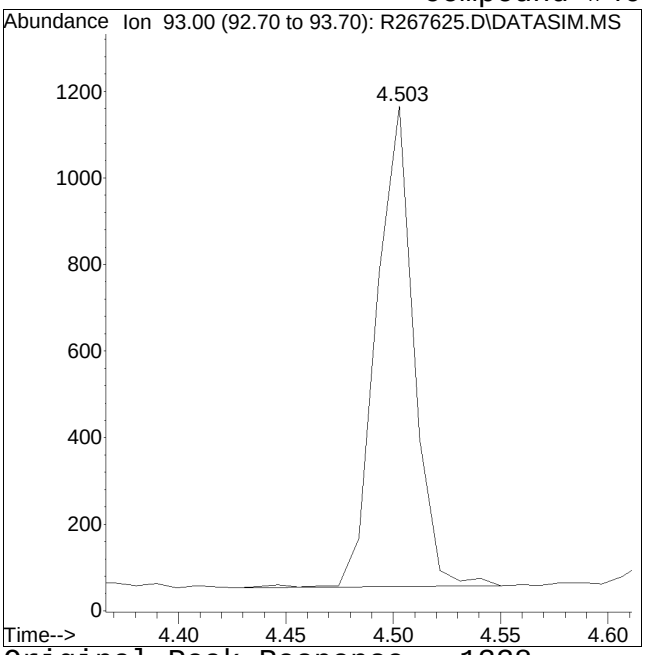
Manual Peak Response = 1438 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

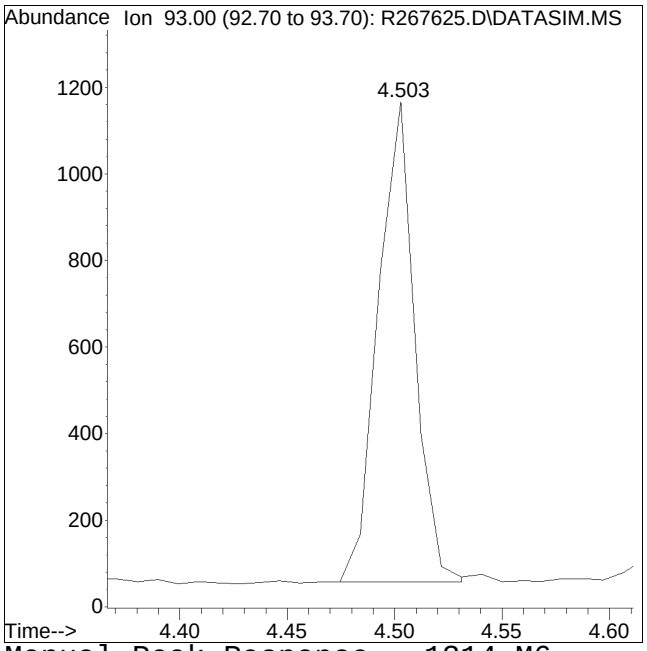
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #40: Dibromomethane



Original Peak Response = 1338



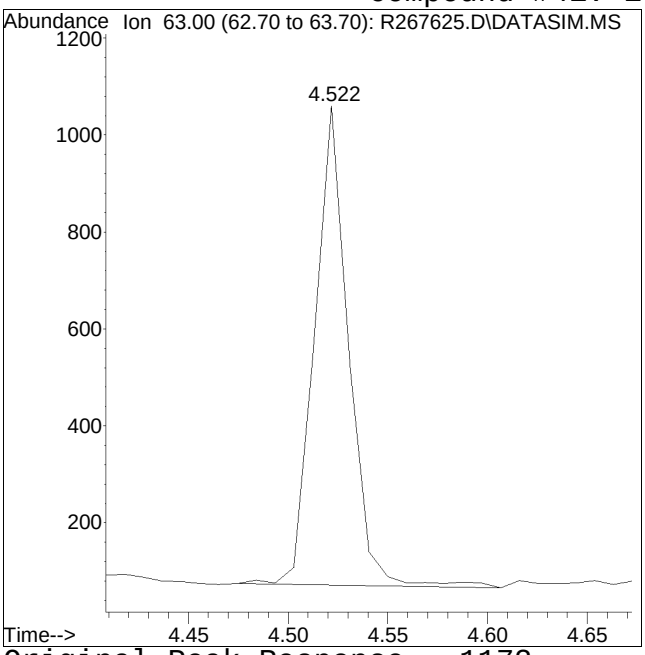
Manual Peak Response = 1314 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

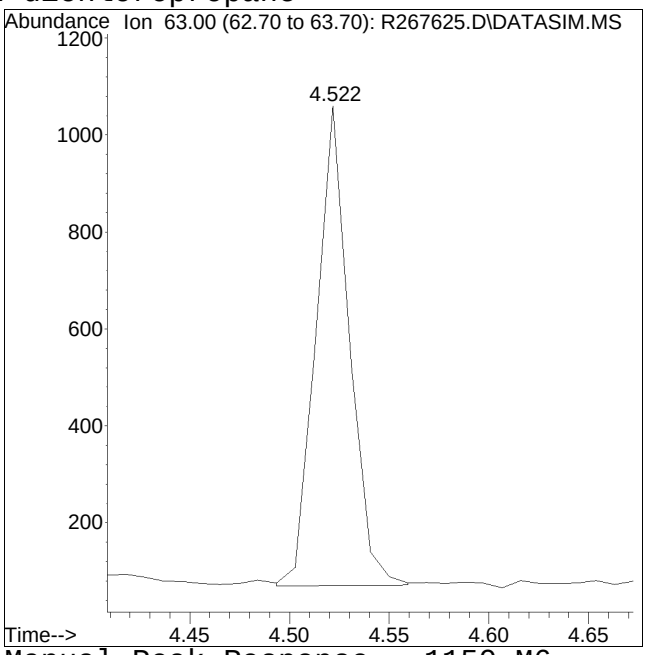
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #41: 1,2-dichloropropane



Original Peak Response = 1172



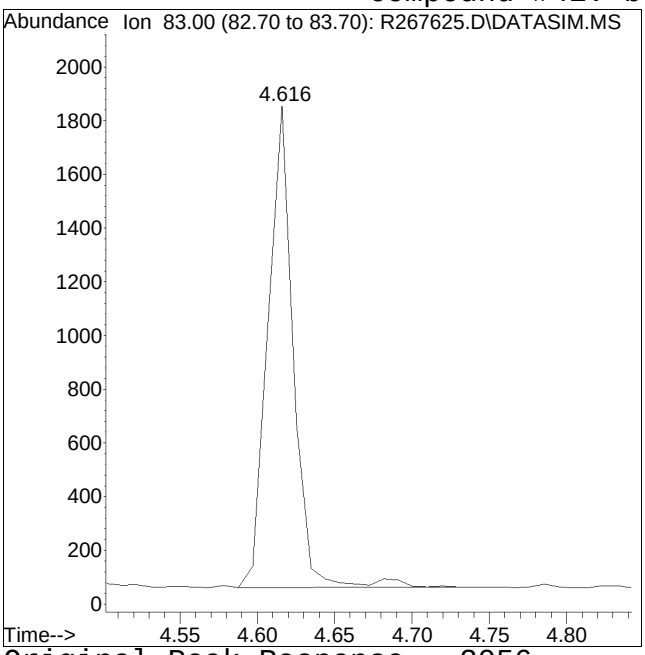
Manual Peak Response = 1150 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

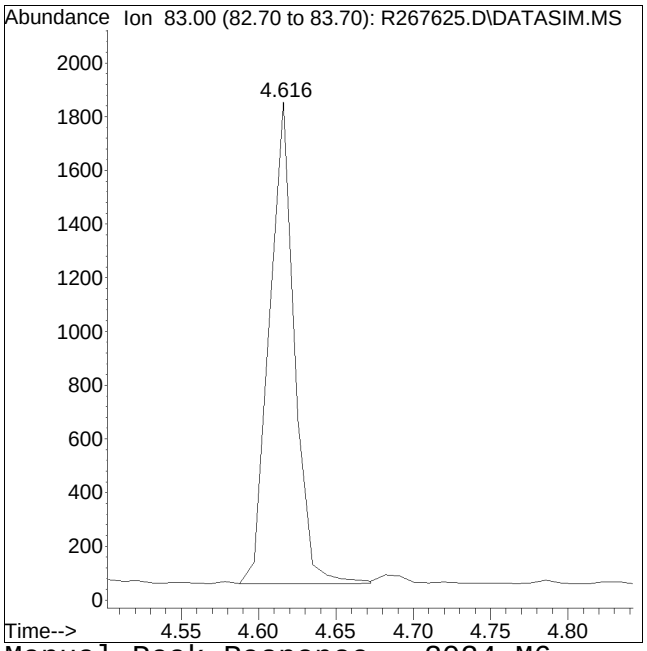
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #42: bromodichloromethane



Original Peak Response = 2056



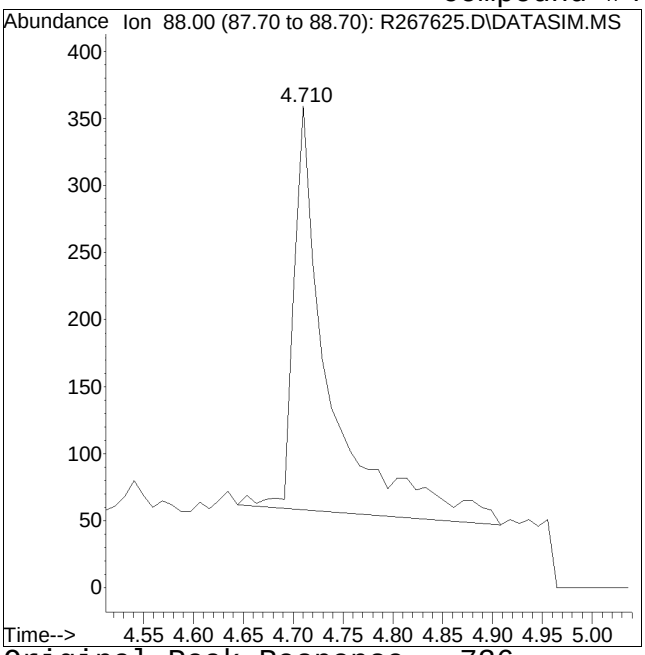
Manual Peak Response = 2024 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

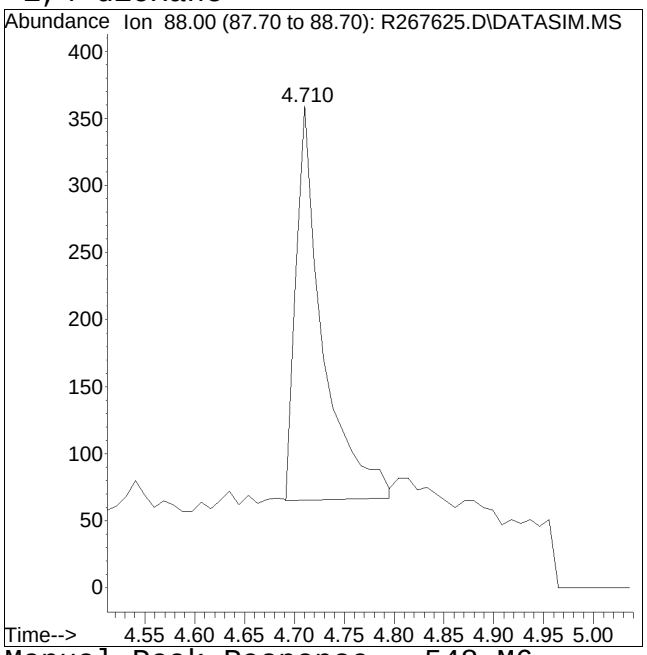
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #43: 1,4-dioxane



Original Peak Response = 736



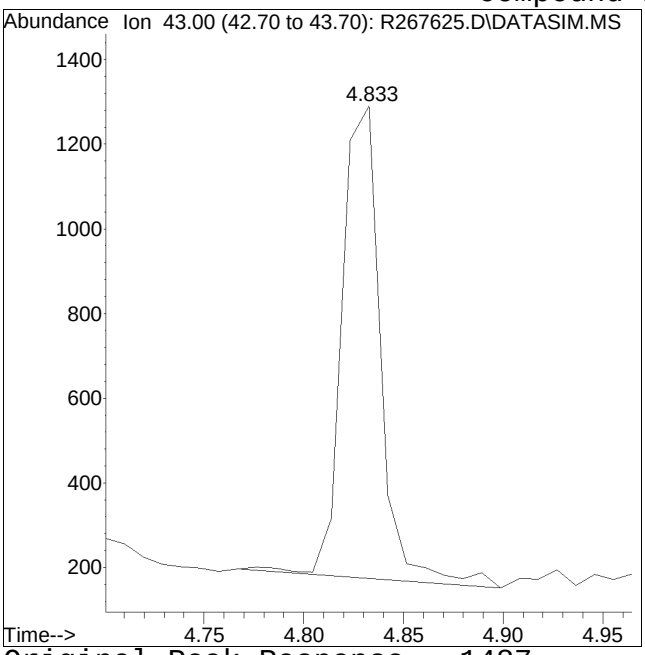
Manual Peak Response = 548 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

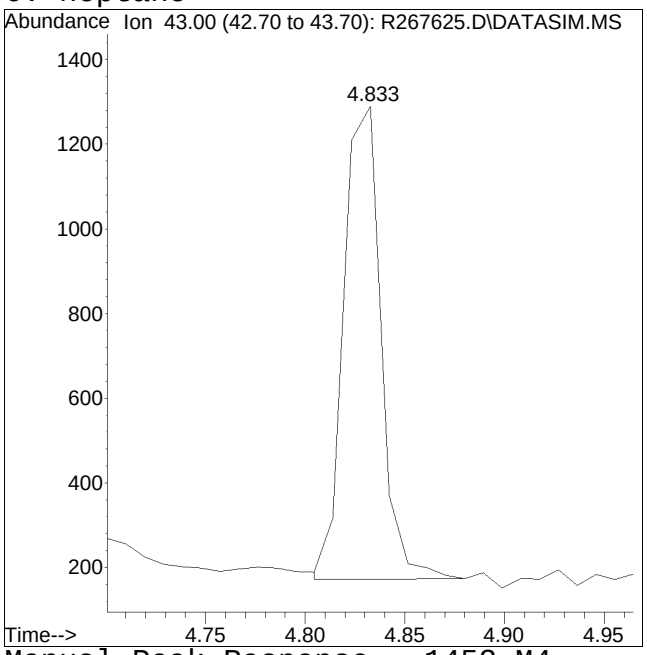
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #46: heptane



Original Peak Response = 1487



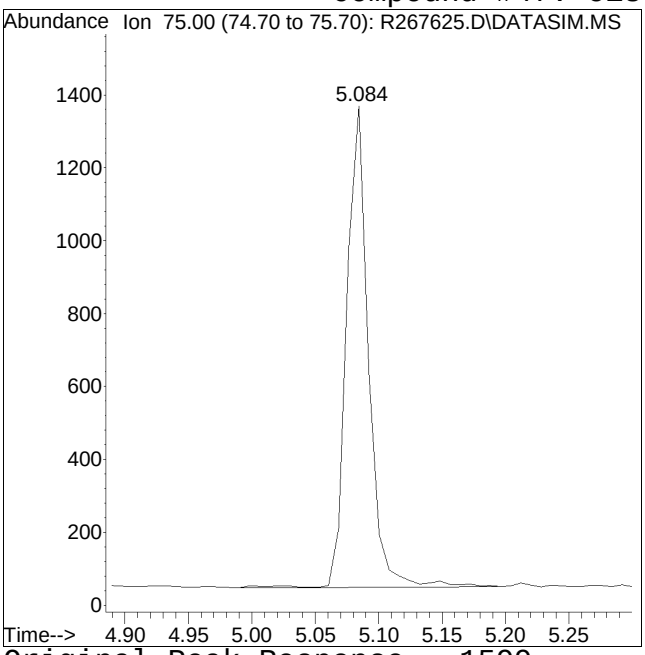
Manual Peak Response = 1452 M4

M4 = Poor automated baseline construction.

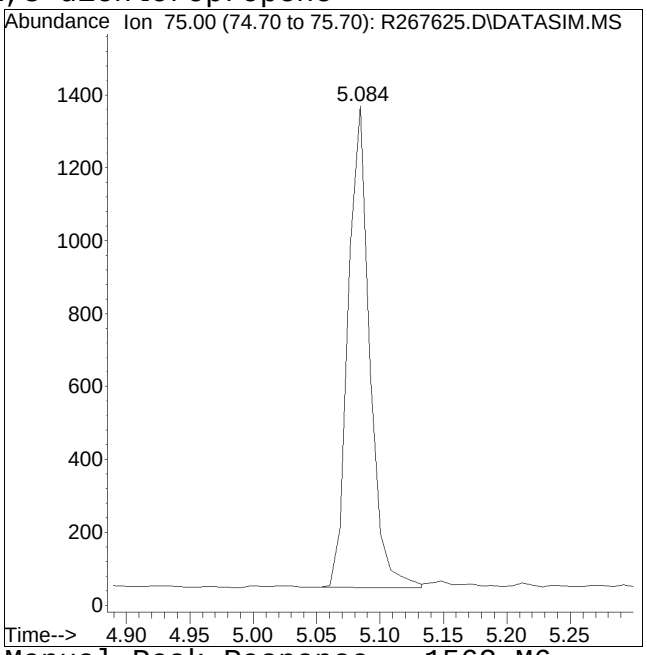
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #47: cis-1,3-dichloropropene



Original Peak Response = 1599



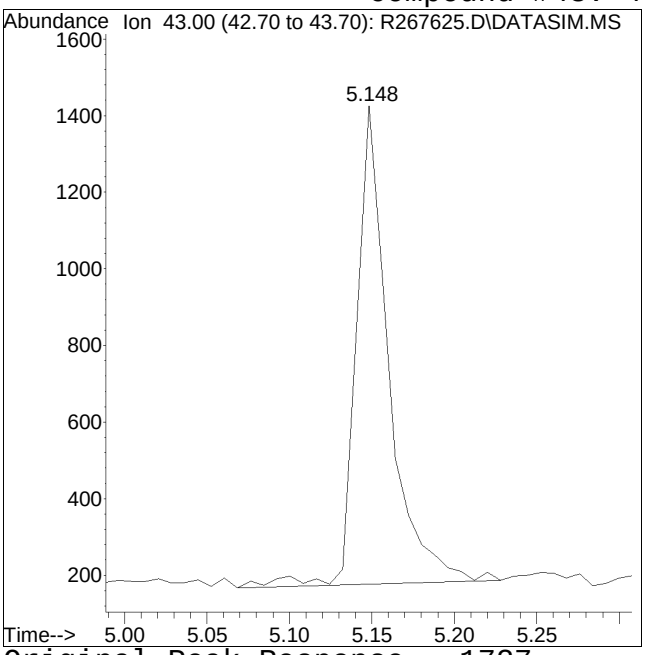
Manual Peak Response = 1562 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

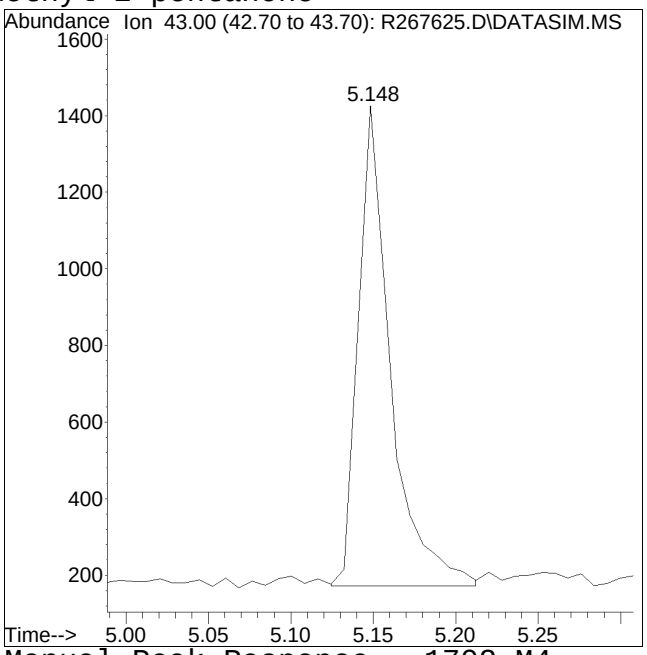
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #48: 4-methyl-2-pentanone



Original Peak Response = 1727



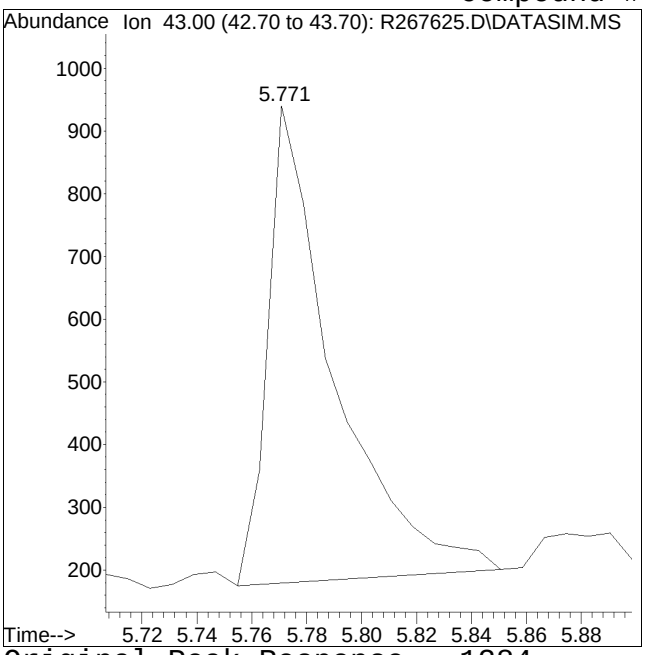
Manual Peak Response = 1702 M4

M4 = Poor automated baseline construction.

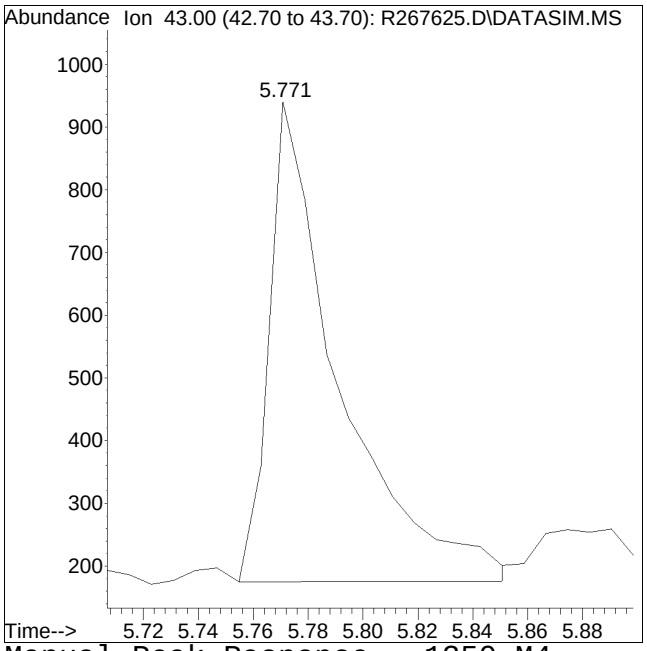
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #54: 2-hexanone



Original Peak Response = 1284



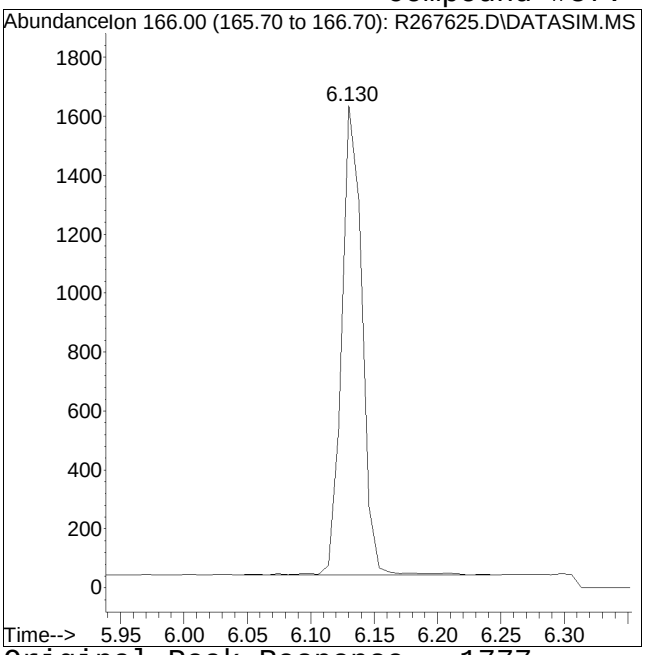
Manual Peak Response = 1350 M4

M4 = Poor automated baseline construction.

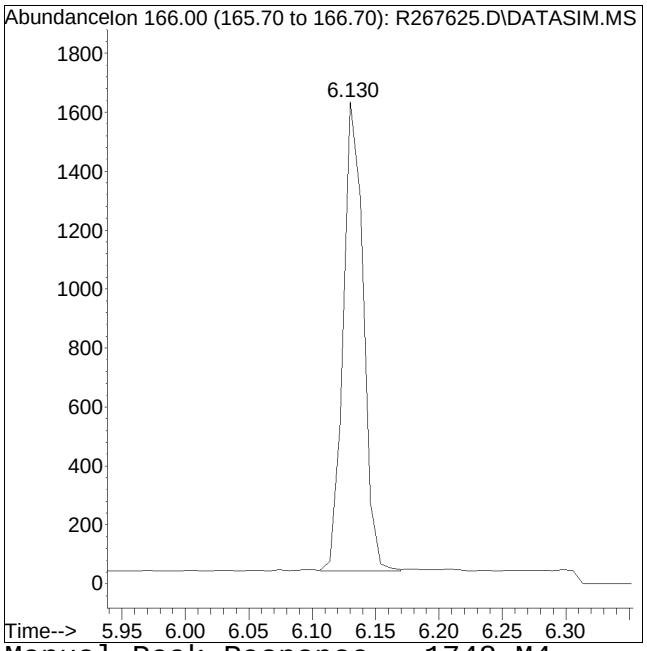
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #57: tetrachloroethene



Original Peak Response = 1777



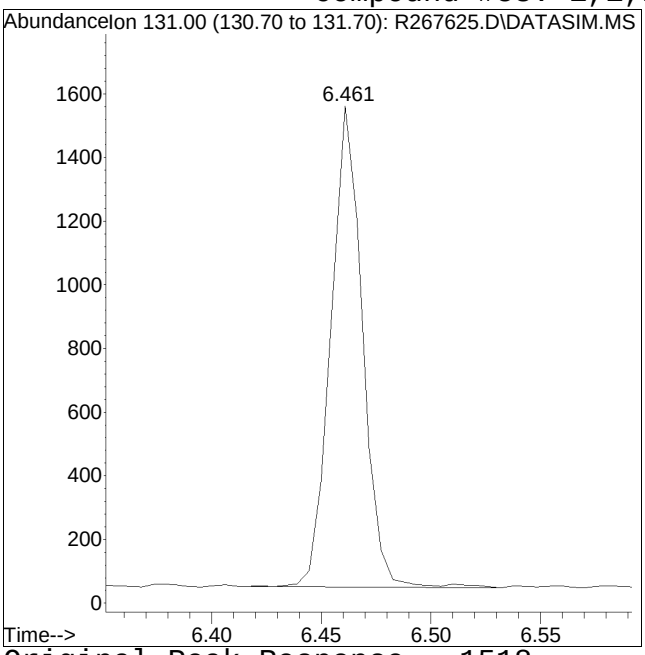
Manual Peak Response = 1748 M4

M4 = Poor automated baseline construction.

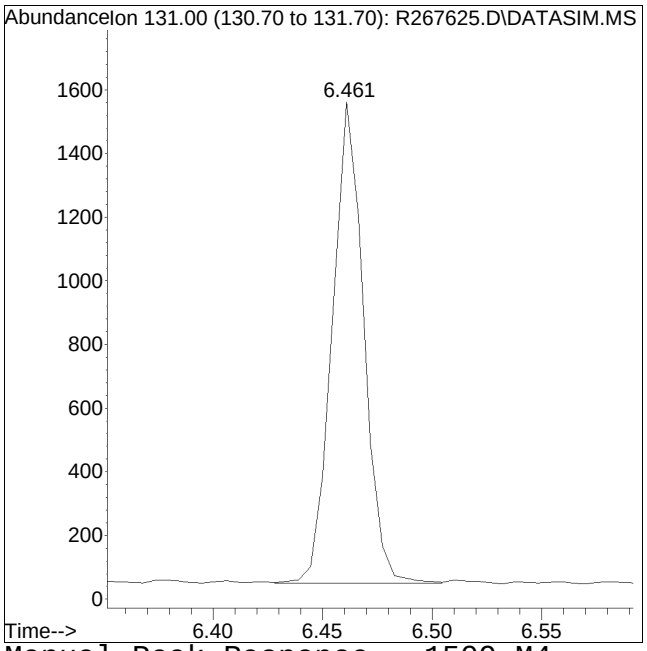
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #58: 1,1,1,2-tetrachloroethane



Original Peak Response = 1518



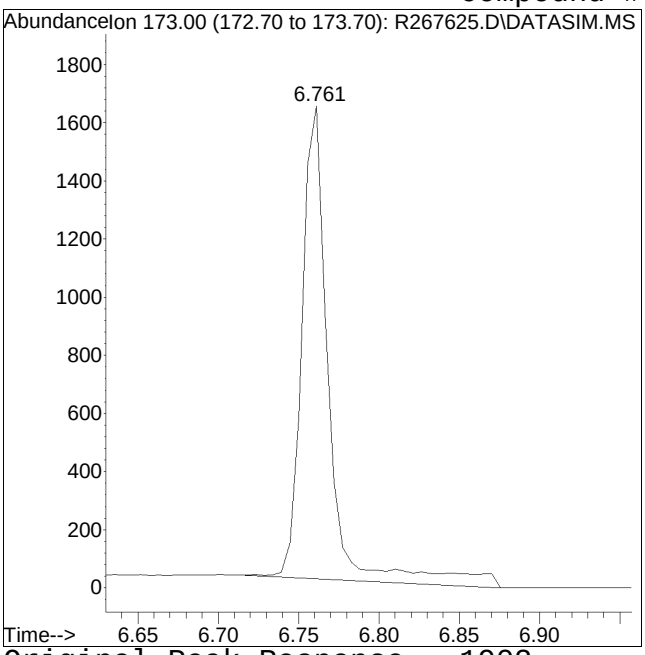
Manual Peak Response = 1509 M4

M4 = Poor automated baseline construction.

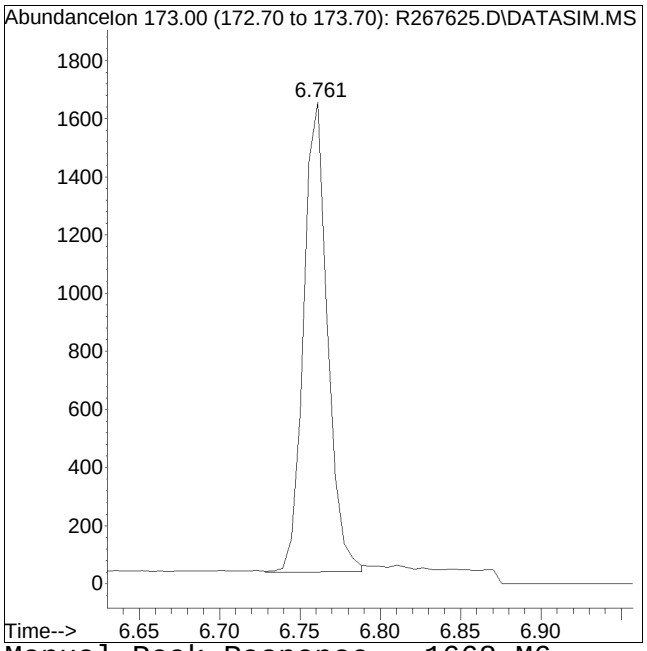
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #62: bromoform



Original Peak Response = 1902



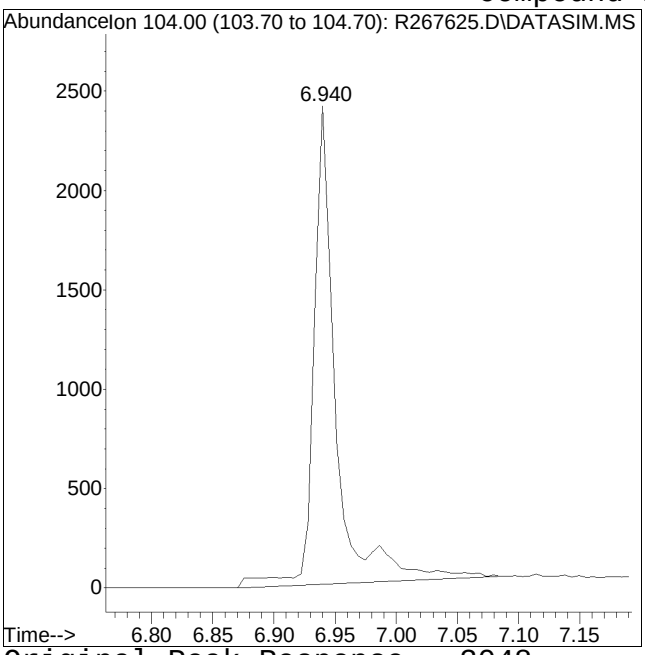
Manual Peak Response = 1668 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

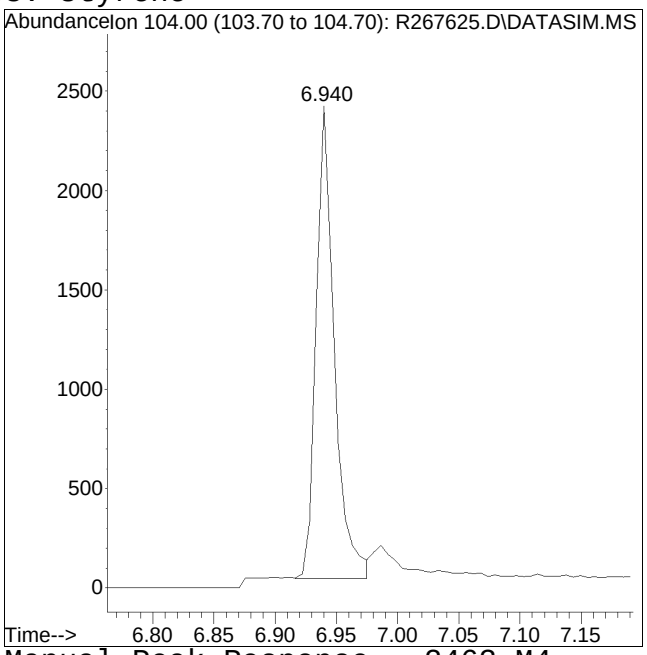
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #63: styrene



Original Peak Response = 3048



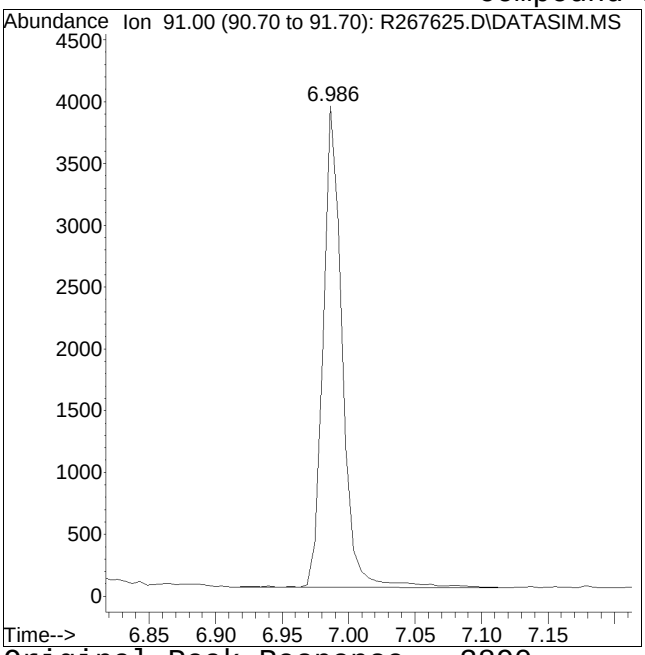
Manual Peak Response = 2463 M4

M4 = Poor automated baseline construction.

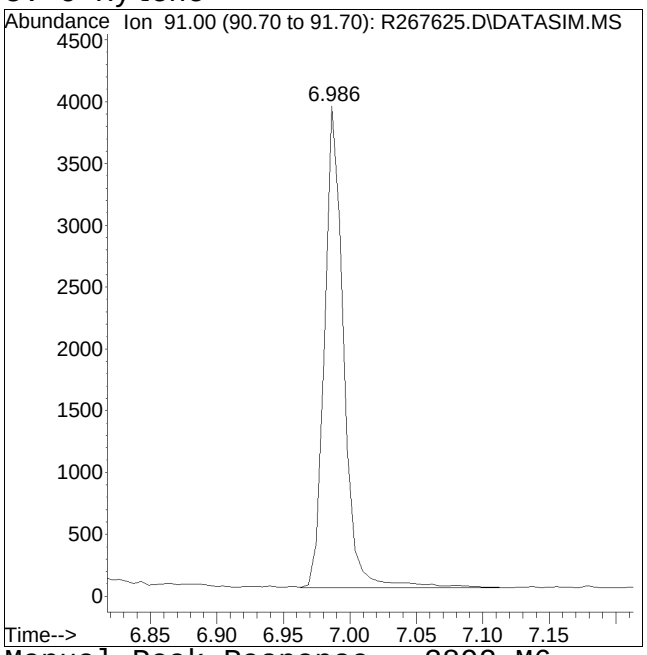
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #65: o-xylene



Original Peak Response = 3890



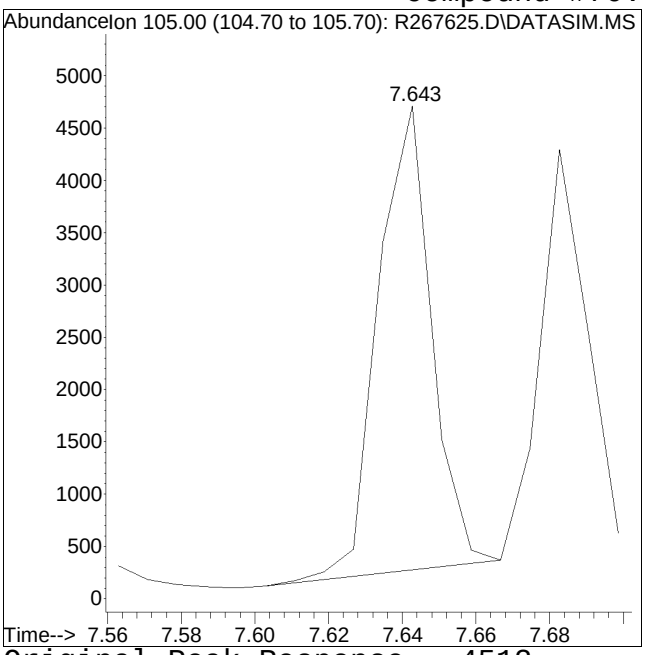
Manual Peak Response = 3892 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

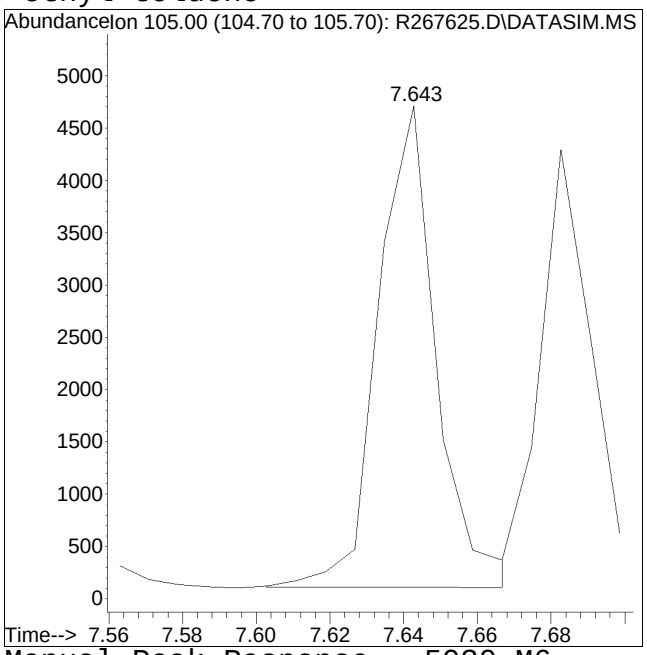
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 4512



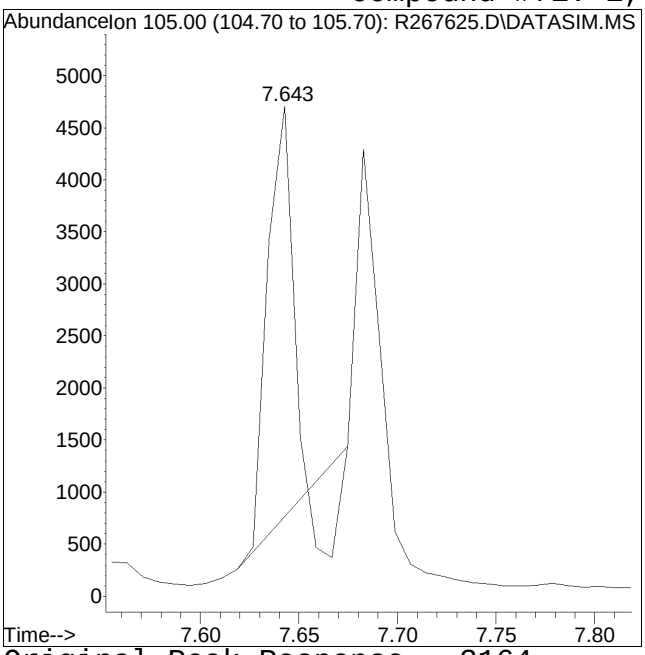
Manual Peak Response = 5030 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

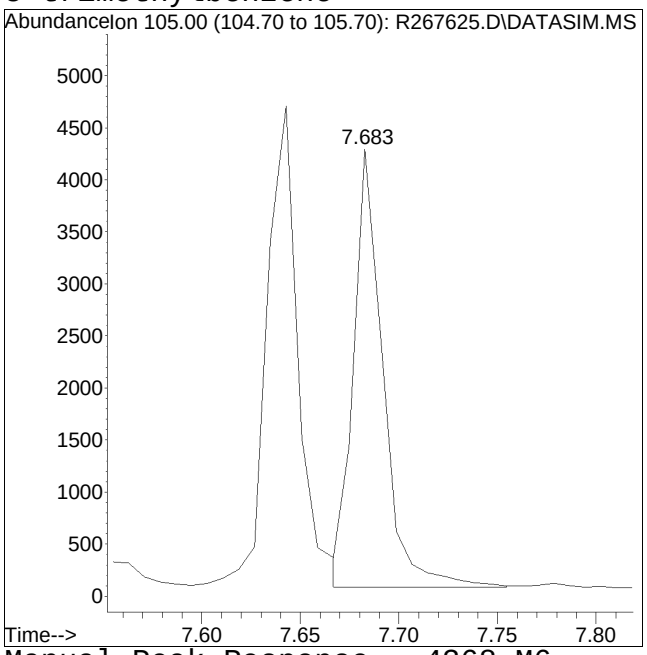
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 3164



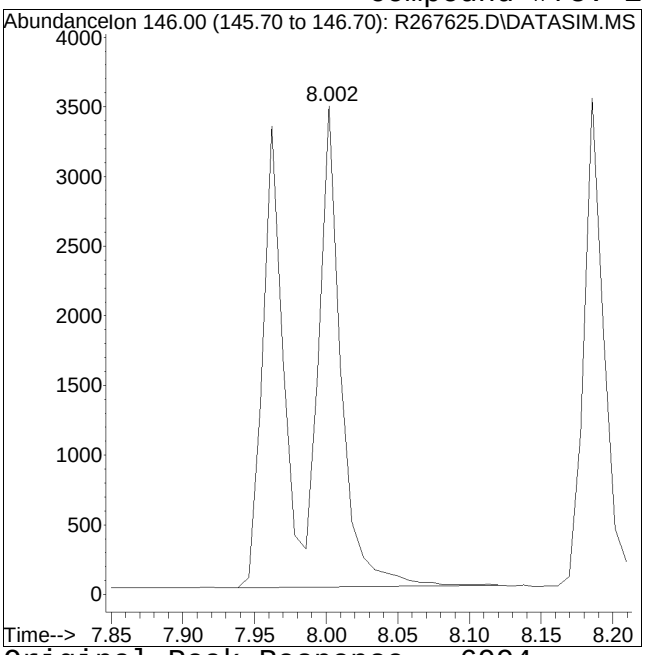
Manual Peak Response = 4368 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

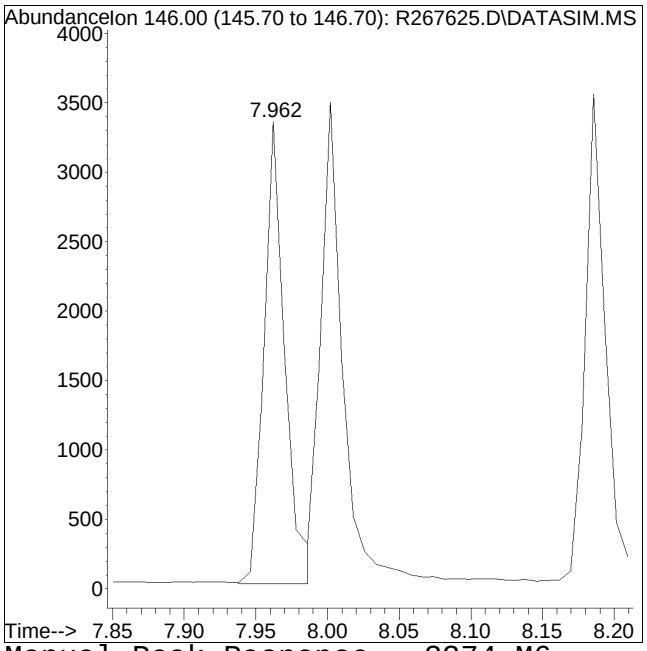
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 6994



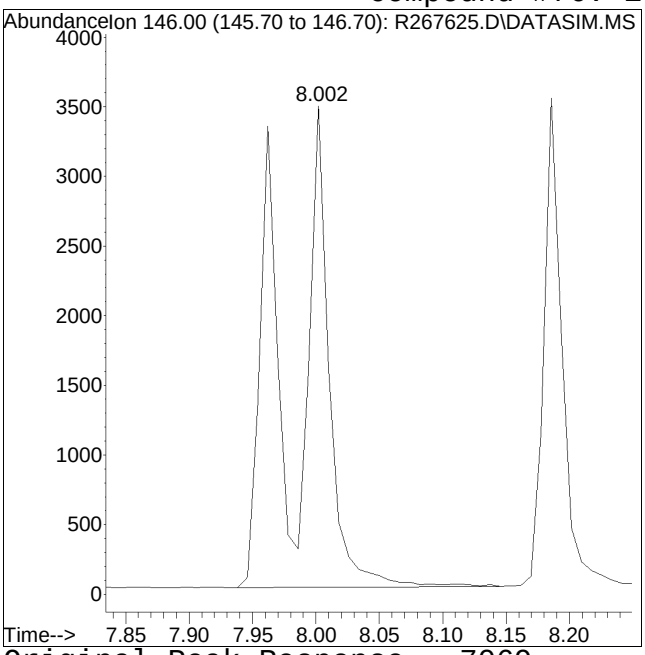
Manual Peak Response = 3374 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

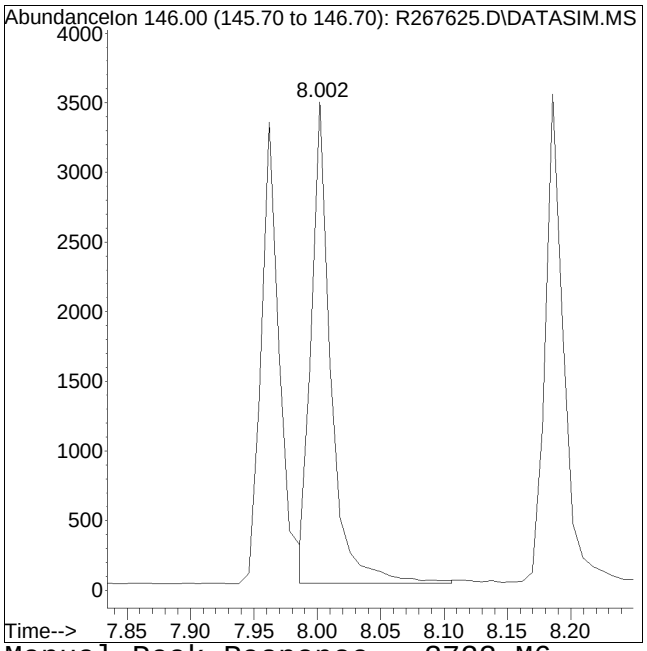
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267625.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 9:31 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.05 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 7069



Manual Peak Response = 3723 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267626.D
Acq On : 07 Jan 2026 10:04 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:15 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	208099	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 105.85%			
33) 1,4-difluorobenzene	4.324	114	692857	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 105.14%			
51) chlorobenzene-D5	6.439	54	93502	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 102.72%			
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	0.000	95	0d	0.000	ppbV	
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.00%#			
Target Compounds						Qvalue
2) propylene	1.933	41	1684M4	0.128	ppbV	
3) dichlorodifluoromethane	1.955	85	4662M6	0.109	ppbV	
4) chloromethane	1.999	50	1782M6	0.103	ppbV	
5) Freon-114	2.026	85	5143	0.111	ppbV	98
6) vinyl chloride	2.059	62	1958M6	0.112	ppbV	
7) 1,3-butadiene	2.103	54	1278M4	0.118	ppbV	
8) bromomethane	2.180	94	1853	0.112	ppbV	98
9) chloroethane	2.230	64	1093M4	0.112	ppbV	
10) ethanol	2.268	31	4354	0.587	ppbV	96
11) vinyl bromide	2.329	106	1880M6	0.116	ppbV	
12) acrolein	2.369	56	1005M6	0.126	ppbV	
13) acetone	2.409	43	14952	0.845	ppbV #	91
14) trichlorofluoromethane	2.454	101	4382	0.113	ppbV	100
15) isopropyl alcohol	2.482	45	9360	0.502	ppbV	100
16) acrylonitrile	2.533	53	1520M6	0.117	ppbV	
17) 1,1-dichloroethene	2.634	61	2678M6	0.112	ppbV	
18) tertiary butyl alcohol	2.658	59	4963	0.175	ppbV #	96
19) methylene chloride	2.663	49	2137M4	0.127	ppbV	
20) 3-chloropropene	2.701	41	1676M4	0.115	ppbV	
21) carbon disulfide	2.753	76	5279	0.124	ppbV #	73
22) Freon 113	2.753	101	3965M6	0.114	ppbV	
23) trans-1,2-dichloroethene	2.971	61	2312	0.115	ppbV	95
24) 1,1-dichloroethane	3.042	63	3093M6	0.111	ppbV	

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267626.D
Acq On : 07 Jan 2026 10:04 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:15 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.086	73	4660	0.121	ppbV	#	36
26) vinyl acetate	3.113	43	3008M6	0.107	ppbV		
27) 2-butanone	3.219	43	3516M6	0.107	ppbV		
28) cis-1,2-dichloroethene	3.366	61	2608M6	0.110	ppbV		
29) Ethyl Acetate	3.501	61	963M6	0.178	ppbV		
30) chloroform	3.493	83	4137	0.115	ppbV	#	100
31) Tetrahydrofuran	3.695	42	1532M6	0.112	ppbV		
32) 1,2-dichloroethane	3.809	62	2334	0.113	ppbV		97
34) hexane	3.471	57	3043	0.132	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	3786	0.108	ppbV	#	14
37) benzene	4.126	78	6543M6	0.112	ppbV		
38) carbon tetrachloride	4.201	117	3597	0.107	ppbV	#	29
39) cyclohexane	4.258	56	2863M6	0.118	ppbV		
40) Dibromomethane	4.503	93	2544	0.112	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	2394	0.114	ppbV	#	1
42) bromodichloromethane	4.616	83	4023	0.114	ppbV	#	100
43) 1,4-dioxane	4.701	88	974	0.090	ppbV	#	1
44) trichloroethene	4.644	130	2955	0.108	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	8503	0.118	ppbV	#	55
46) heptane	4.833	43	2772M6	0.114	ppbV		
47) cis-1,3-dichloropropene	5.084	75	3175	0.106	ppbV	#	100
48) 4-methyl-2-pentanone	5.140	43	3450M6	0.103	ppbV		
49) trans-1,3-dichloropropene	5.356	75	2368	0.105	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	2772	0.108	ppbV	#	1
52) toluene	5.571	91	7853	0.114	ppbV		99
54) 2-hexanone	5.763	43	2695M6	0.084	ppbV		
55) dibromochloromethane	5.763	129	3843	0.112	ppbV		98
56) 1,2-dibromoethane	5.883	107	4080	0.113	ppbV		97
57) tetrachloroethene	6.130	166	3593	0.116	ppbV		99
58) 1,1,1,2-tetrachloroethane	6.461	131	3005	0.105	ppbV	#	99
59) chlorobenzene	6.461	112	6385	0.113	ppbV	#	45
60) ethylbenzene	6.668	91	9783	0.110	ppbV		99
61) m+p-xylene	6.761	91	16026	0.232	ppbV		98
62) bromoform	6.761	173	3252	0.106	ppbV		95
63) styrene	6.940	104	5121M6	0.097	ppbV		
64) 1,1,2,2-tetrachloroethane	6.980	83	6210M6	0.117	ppbV		
65) o-xylene	6.986	91	7696	0.114	ppbV		97
66) 1,2,3-Trichloropropane	7.050	75	4474	0.111	ppbV		99
68) isopropylbenzene	7.295	105	11250	0.111	ppbV		98
69) Bromobenzene	7.306	77	7609	0.118	ppbV		92

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267626.D
Acq On : 07 Jan 2026 10:04 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:25:15 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

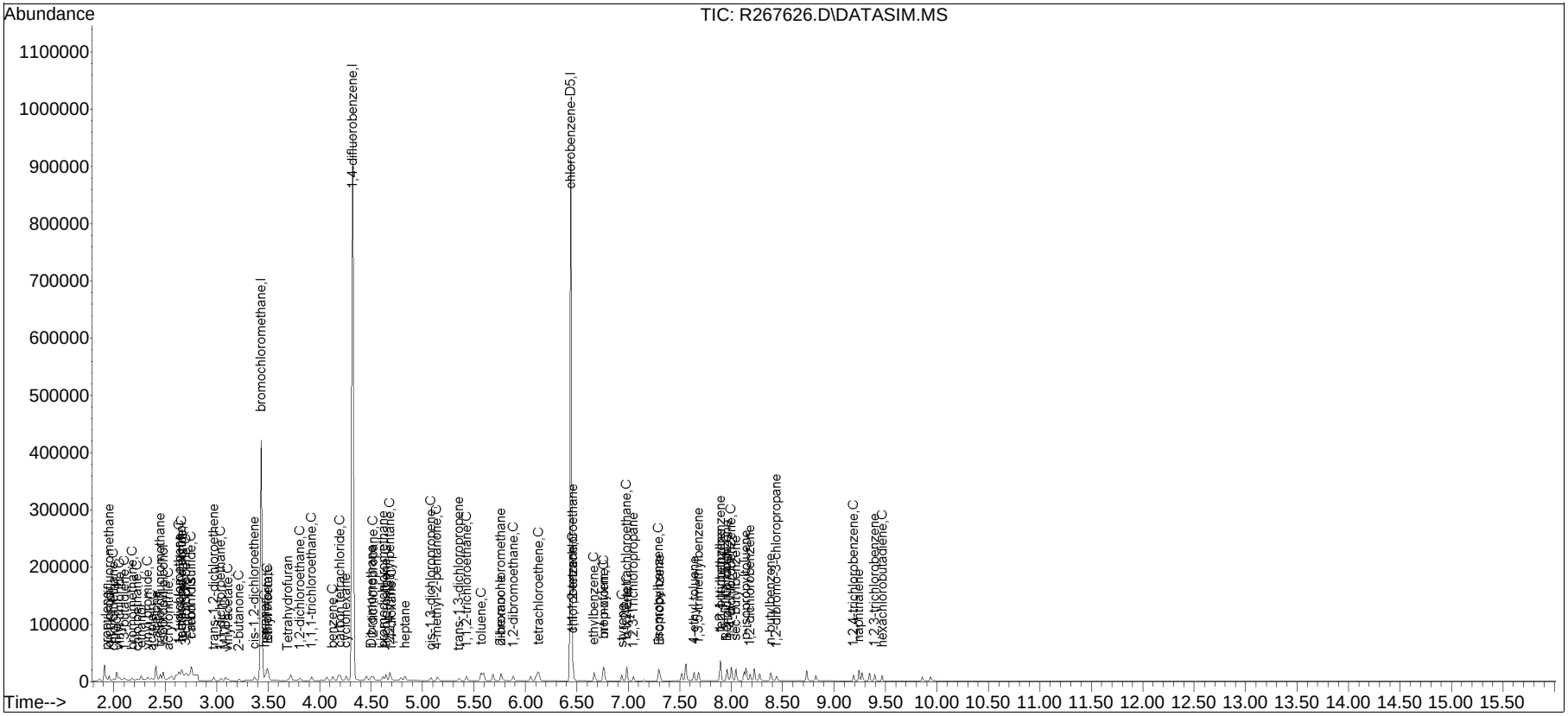
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	7.641	105	10082M6	0.111	ppbV	
71) 1,3,5-trimethylbenzene	7.680	105	8092M6	0.109	ppbV	
72) tert-butylbenzene	7.896	119	9791	0.110	ppbV	99
73) 1,2,4-trimethylbenzene	7.896	105	8830	0.110	ppbV	99
74) Benzyl Chloride	7.960	91	6817	0.105	ppbV	99
75) 1,3-dichlorobenzene	7.960	146	6707M6	0.111	ppbV	
76) 1,4-dichlorobenzene	8.000	146	7439M6	0.124	ppbV	
77) sec-butylbenzene	8.048	105	13931	0.110	ppbV	100
78) p-isopropyltoluene	8.143	119	12183	0.108	ppbV	100
79) 1,2-dichlorobenzene	8.183	146	6808M6	0.116	ppbV	
80) n-butylbenzene	8.383	91	11589	0.109	ppbV	98
81) 1,2-dibromo-3-chloropr...	8.439	75	3002M6	0.111	ppbV	
82) 1,2,4-trichlorobenzene	9.189	180	7067	0.124	ppbV	99
83) naphthalene	9.242	128	17321	0.115	ppbV	99
84) 1,2,3-trichlorobenzene	9.394	180	6890	0.104	ppbV	99
85) hexachlorobutadiene	9.470	225	4464	0.115	ppbV	97

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267626.D
Acq On : 07 Jan 2026 10:04 pm
Operator : AIRLAB26:KJD
Sample : ITO15-SIMSTD0.1
Misc : WG2163147
ALS Vial : 5 Sample Multiplier: 1

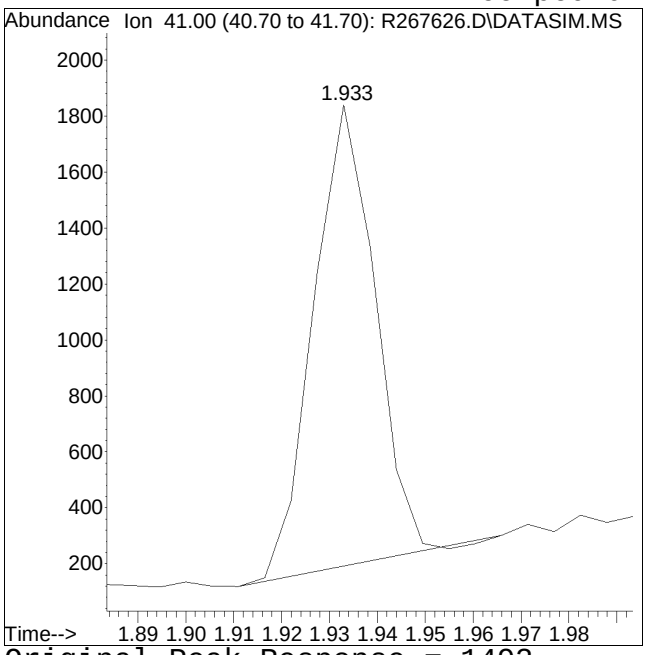
Quant Time: Jan 08 06:25:15 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration



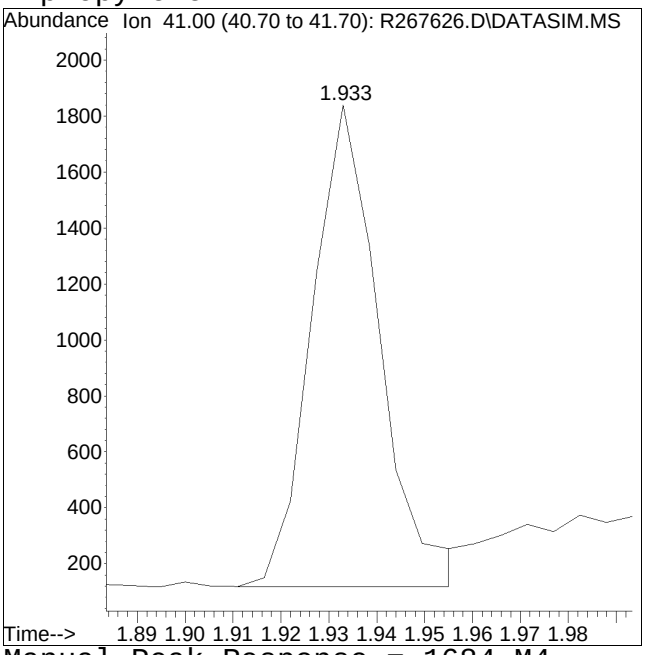
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #2: propylene



Original Peak Response = 1492



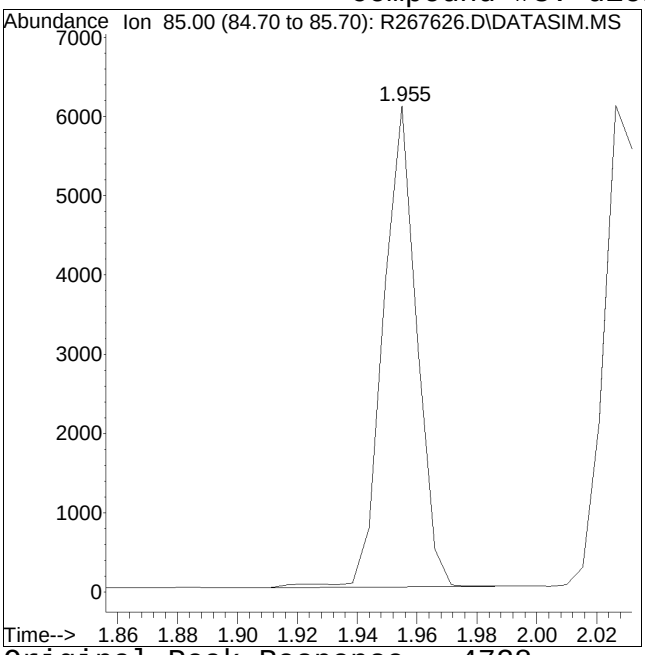
Manual Peak Response = 1684 M4

M4 = Poor automated baseline construction.

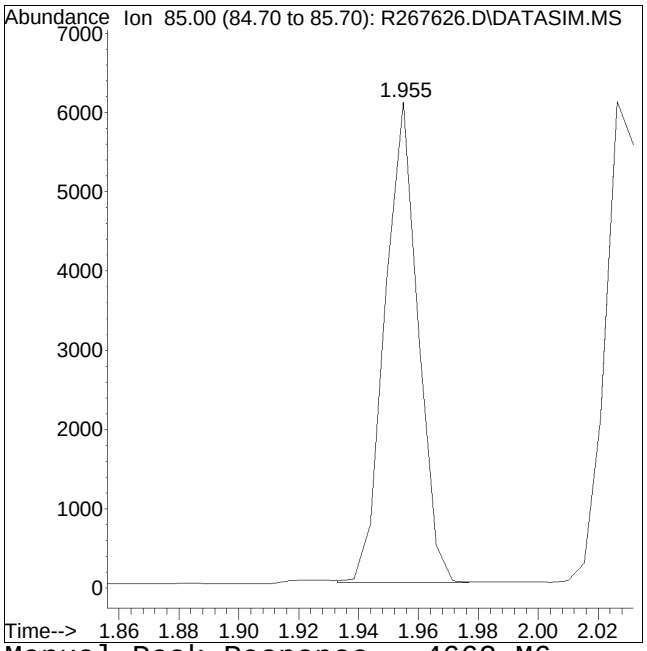
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #3: dichlorodifluoromethane



Original Peak Response = 4728



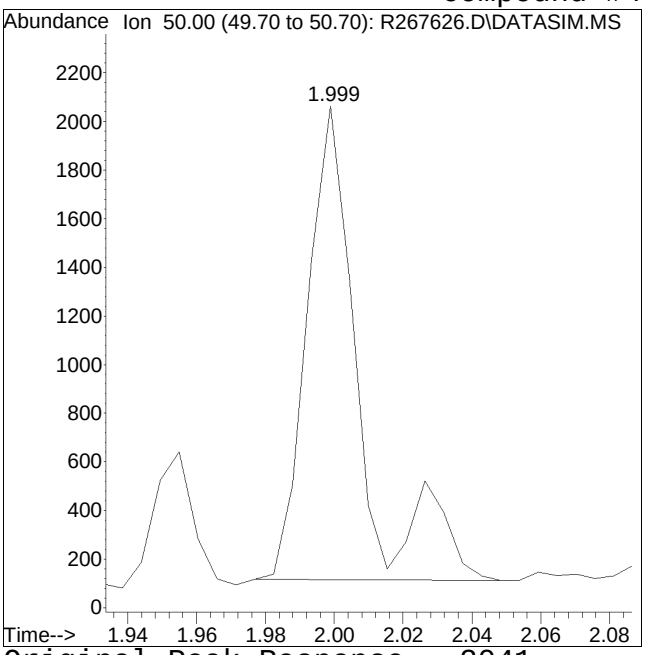
Manual Peak Response = 4662 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

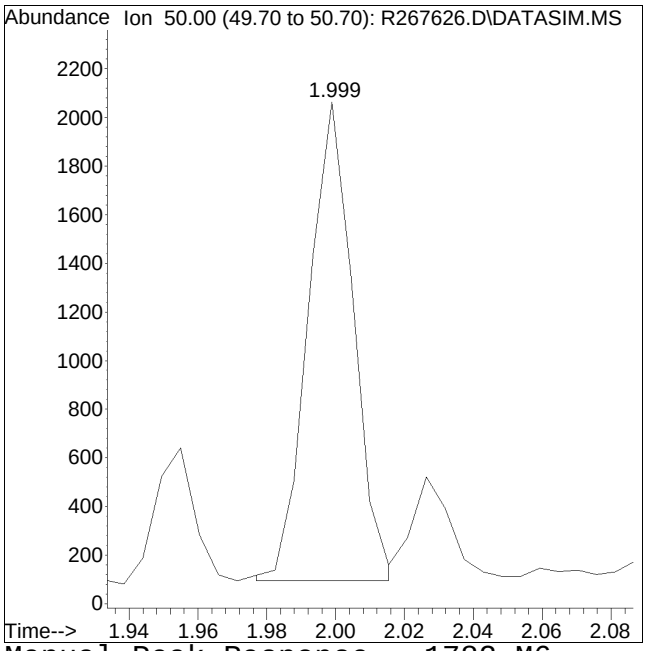
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 2041



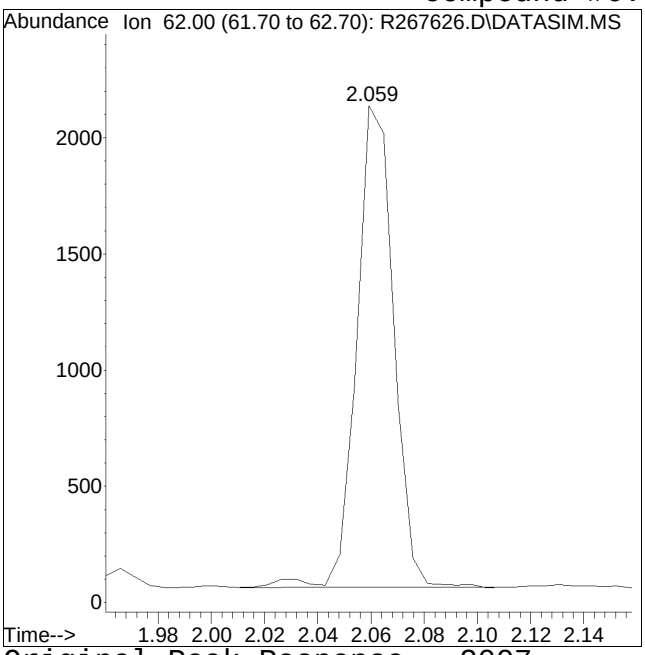
Manual Peak Response = 1782 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

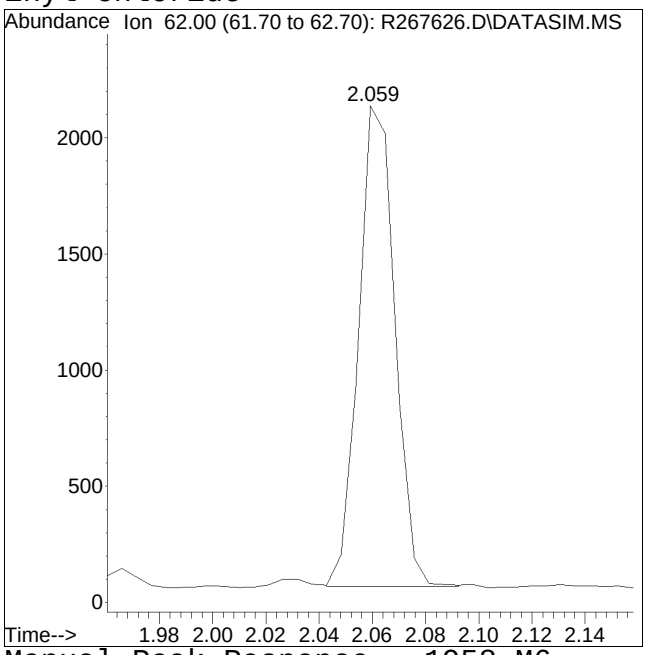
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #6: vinyl chloride



Original Peak Response = 2007



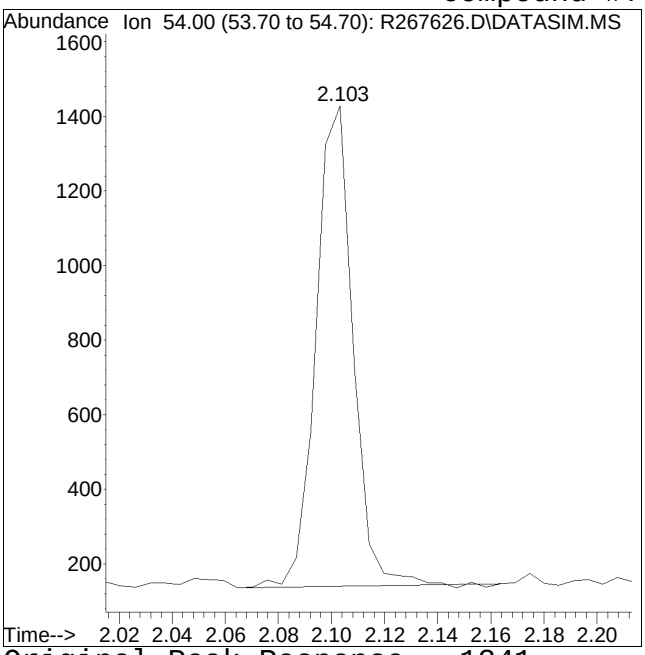
Manual Peak Response = 1958 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

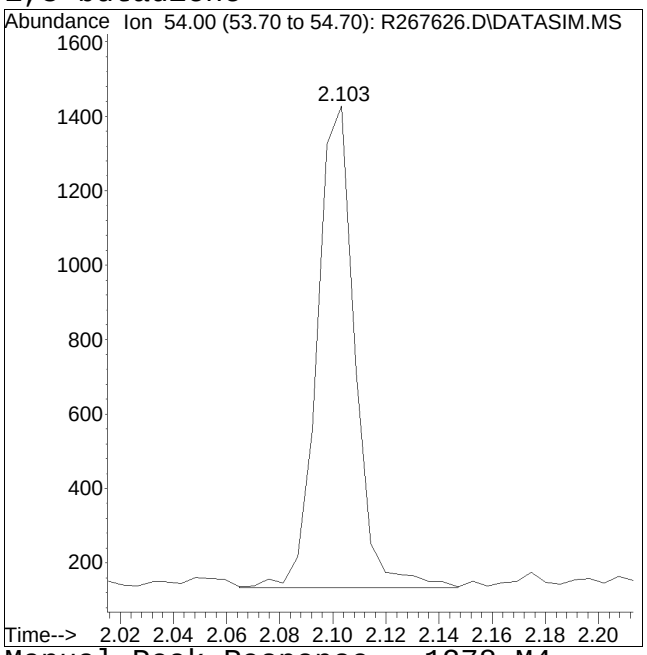
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #7: 1,3-butadiene



Original Peak Response = 1241



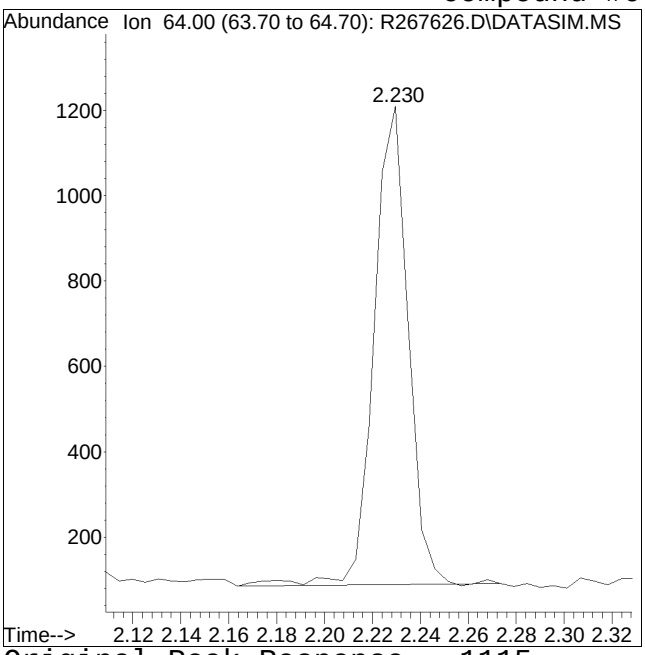
Manual Peak Response = 1278 M4

M4 = Poor automated baseline construction.

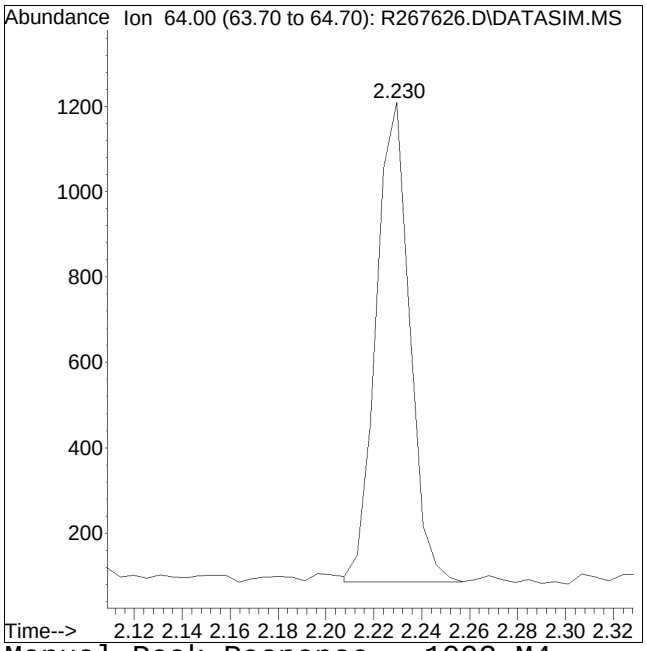
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #9: chloroethane



Original Peak Response = 1115



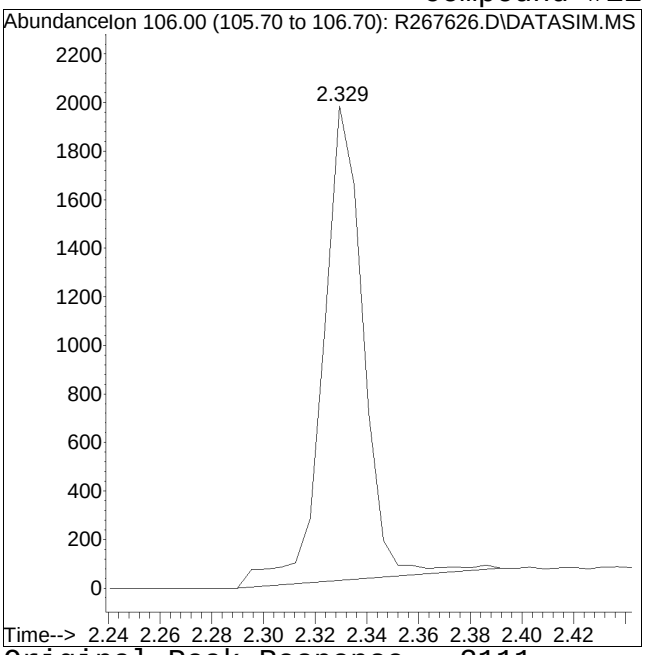
Manual Peak Response = 1093 M4

M4 = Poor automated baseline construction.

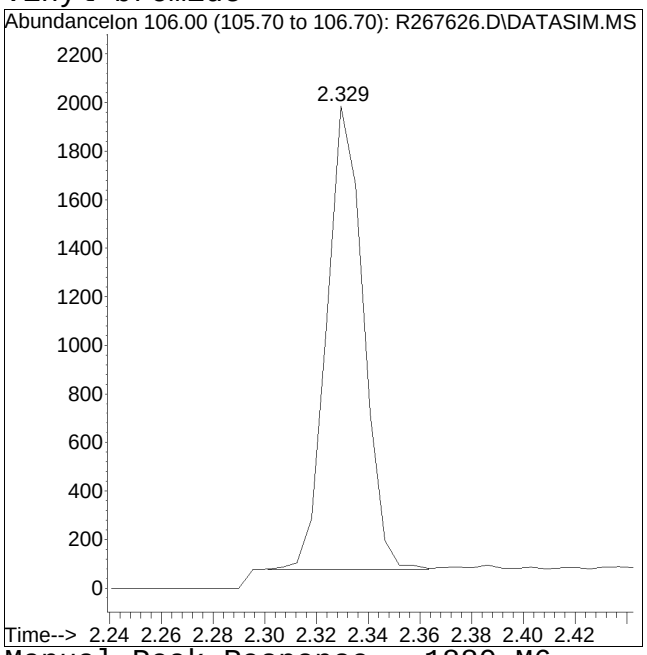
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #11: vinyl bromide



Original Peak Response = 2111



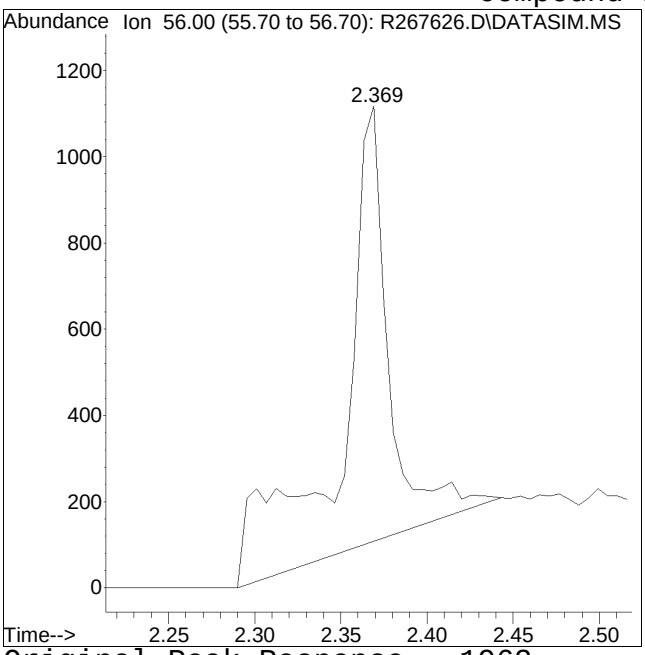
Manual Peak Response = 1880 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

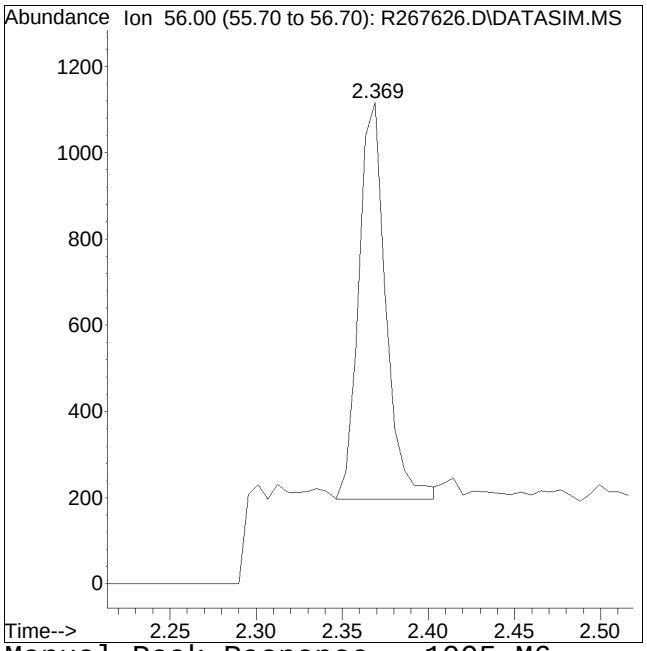
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #12: acrolein



Original Peak Response = 1962



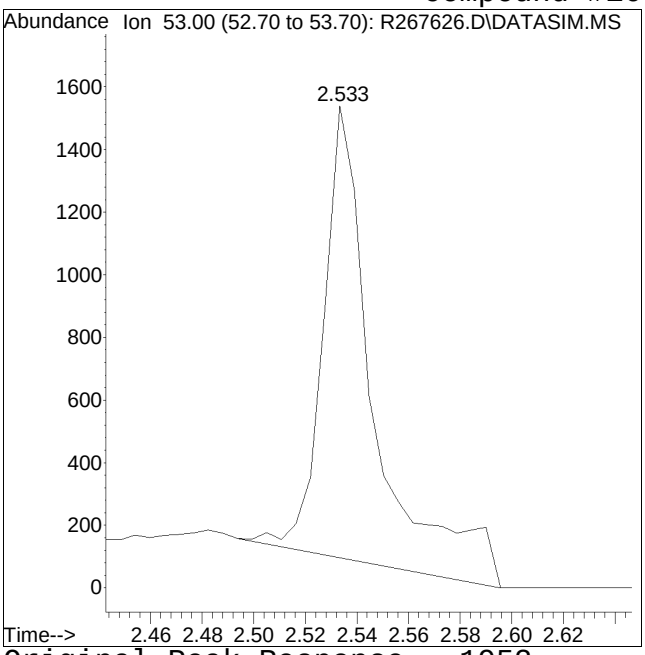
Manual Peak Response = 1005 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

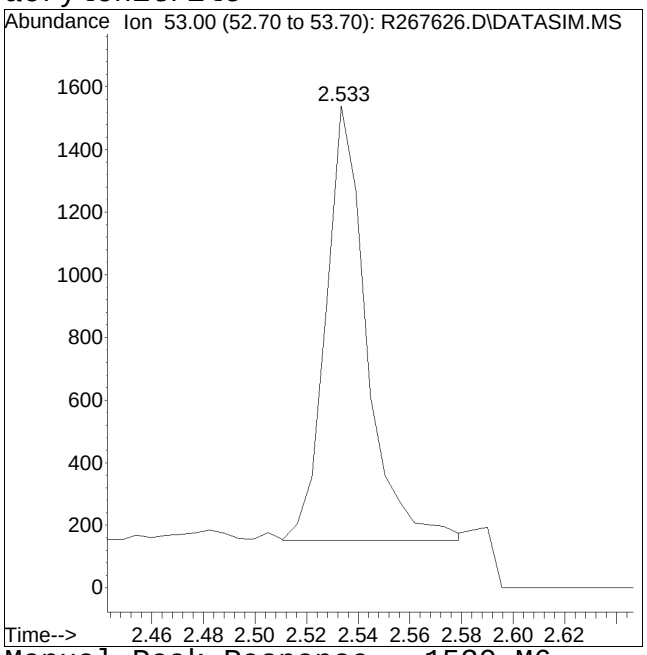
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #16: acrylonitrile



Original Peak Response = 1952



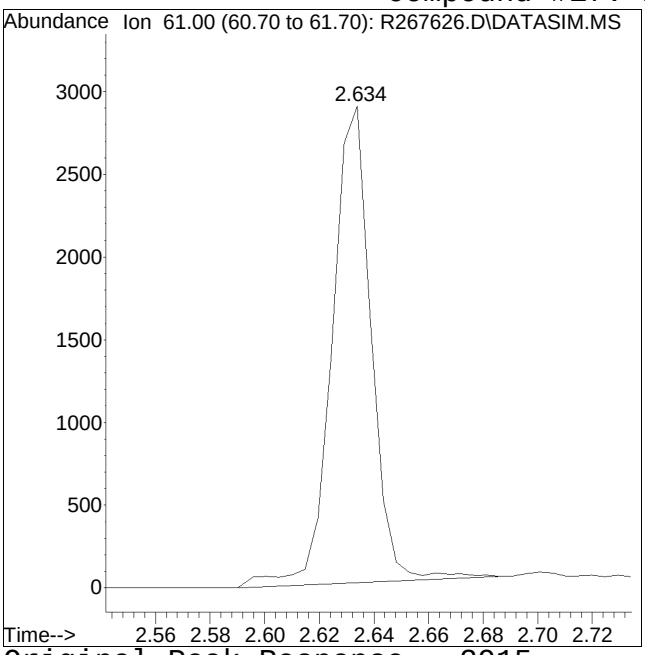
Manual Peak Response = 1520 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

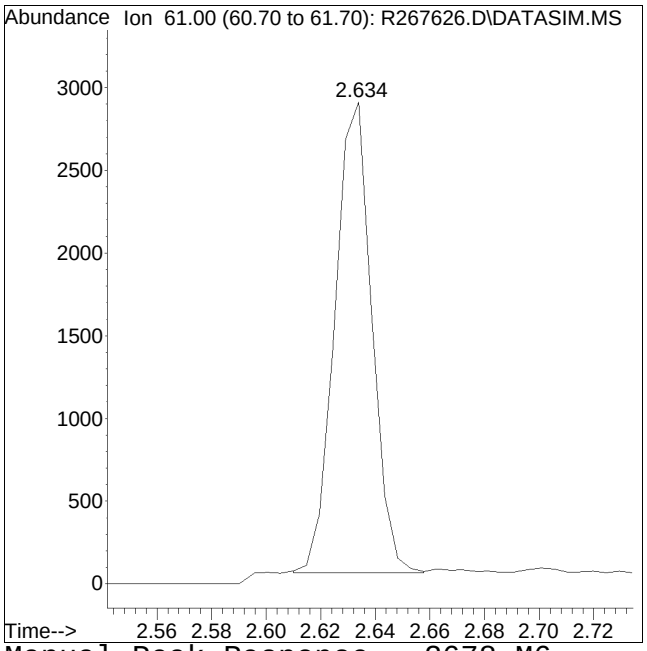
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 2915



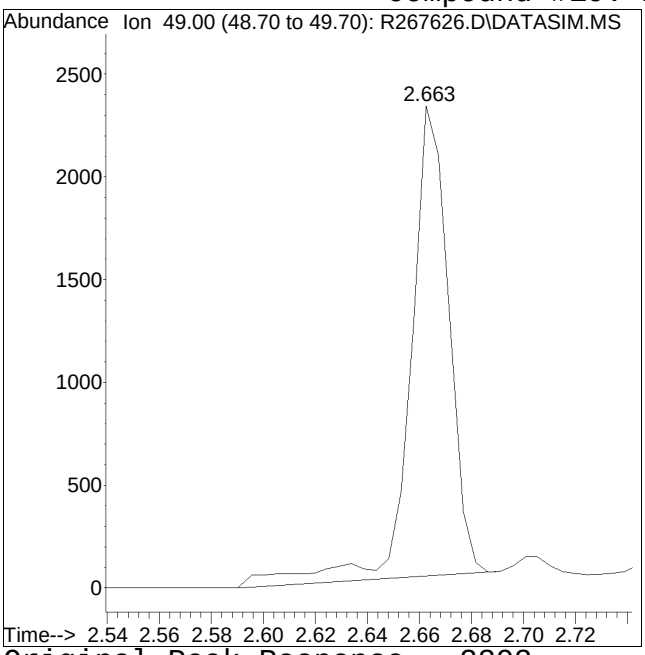
Manual Peak Response = 2678 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

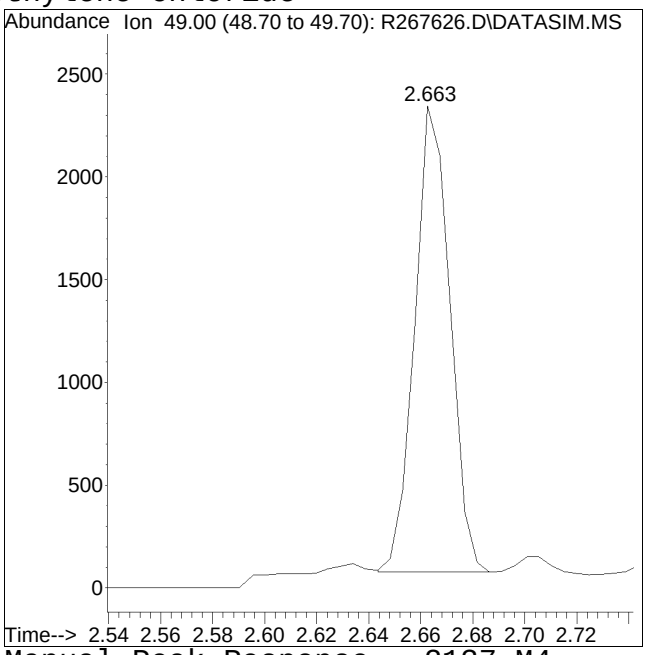
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #19: methylene chloride



Original Peak Response = 2393



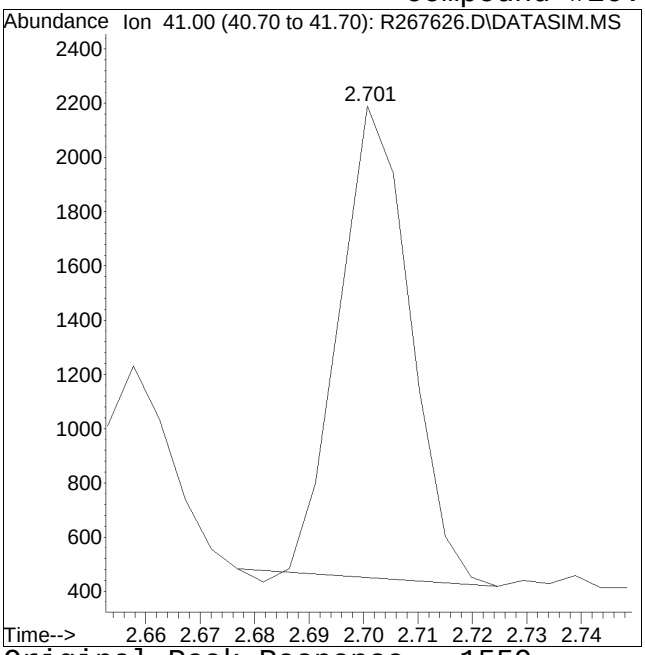
Manual Peak Response = 2137 M4

M4 = Poor automated baseline construction.

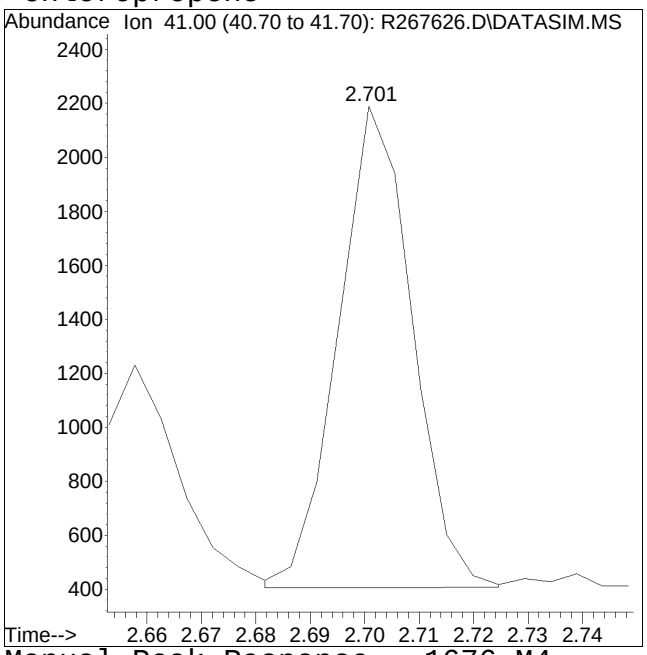
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #20: 3-chloropropene



Original Peak Response = 1559



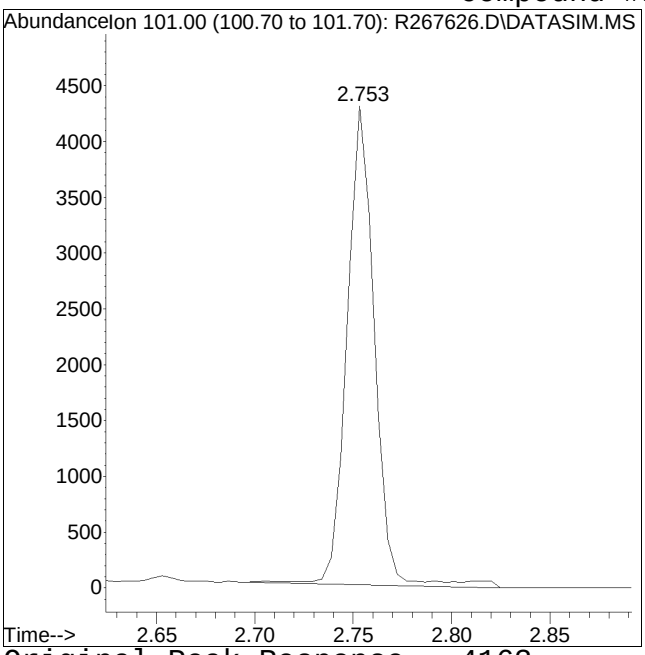
Manual Peak Response = 1676 M4

M4 = Poor automated baseline construction.

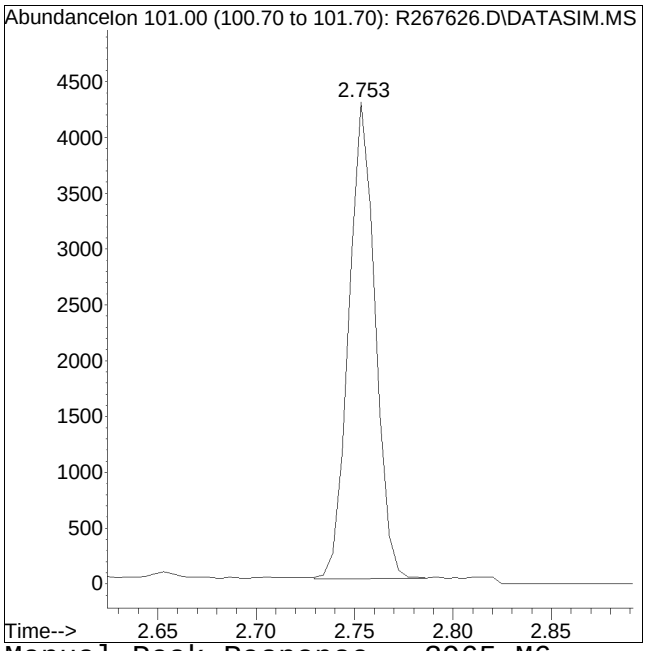
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #22: Freon 113



Original Peak Response = 4163



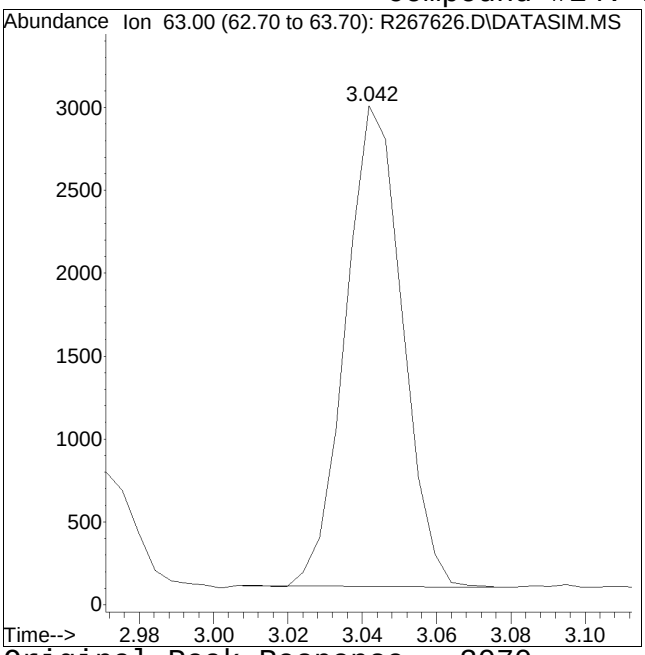
Manual Peak Response = 3965 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

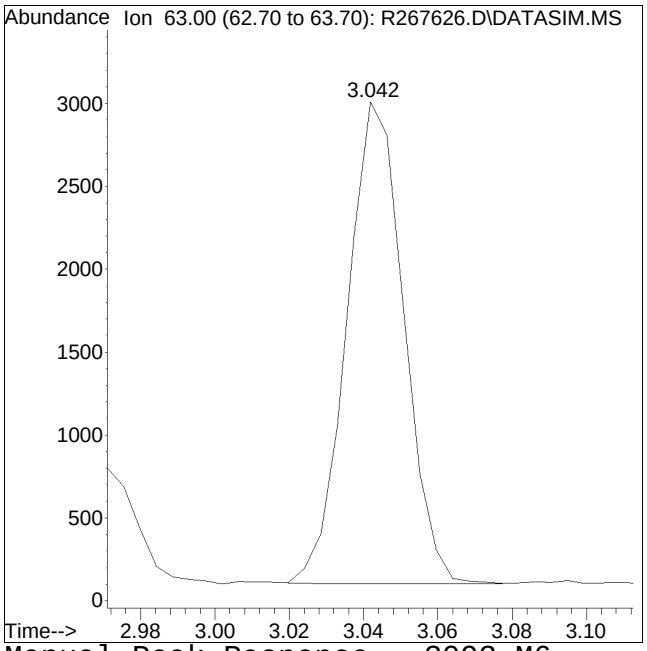
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #24: 1,1-dichloroethane



Original Peak Response = 3070



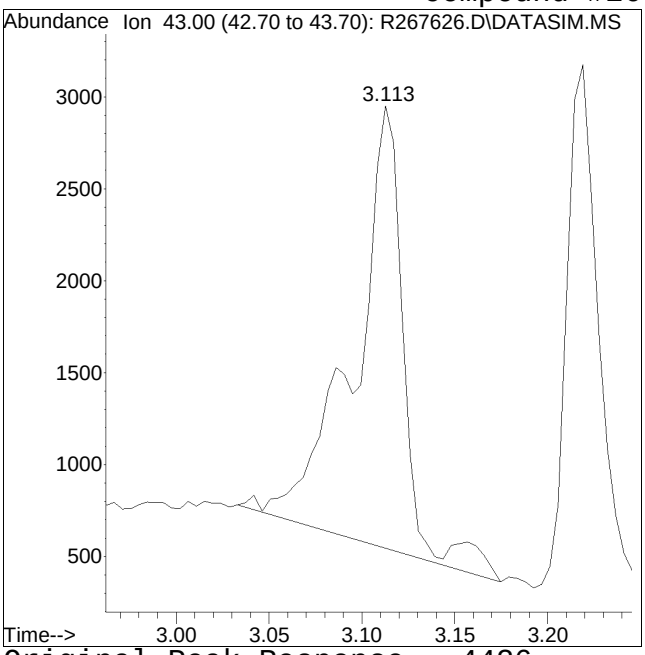
Manual Peak Response = 3093 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

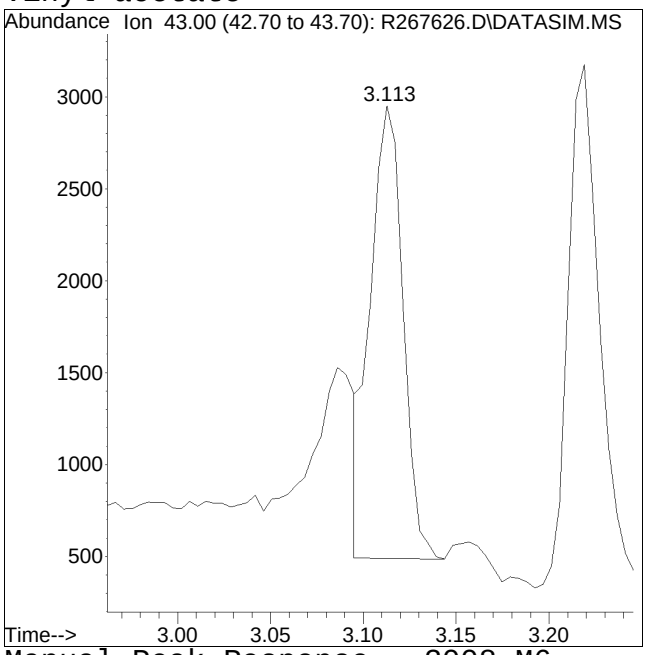
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 4426



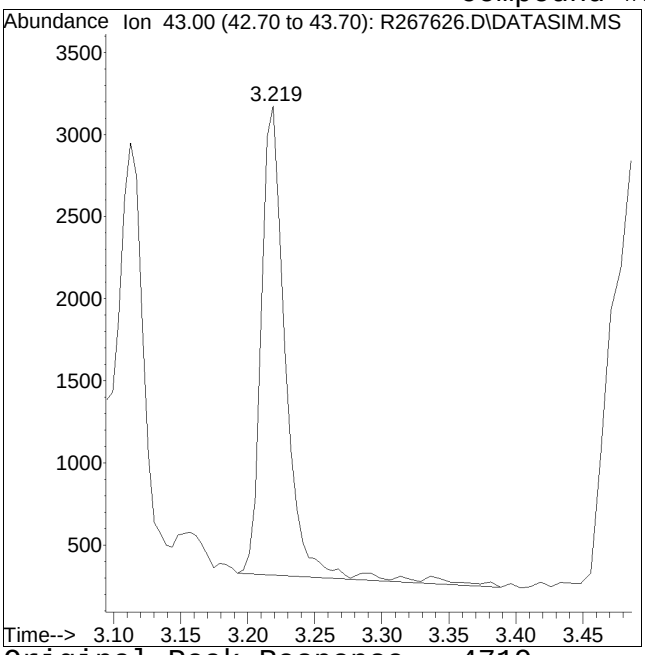
Manual Peak Response = 3008 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

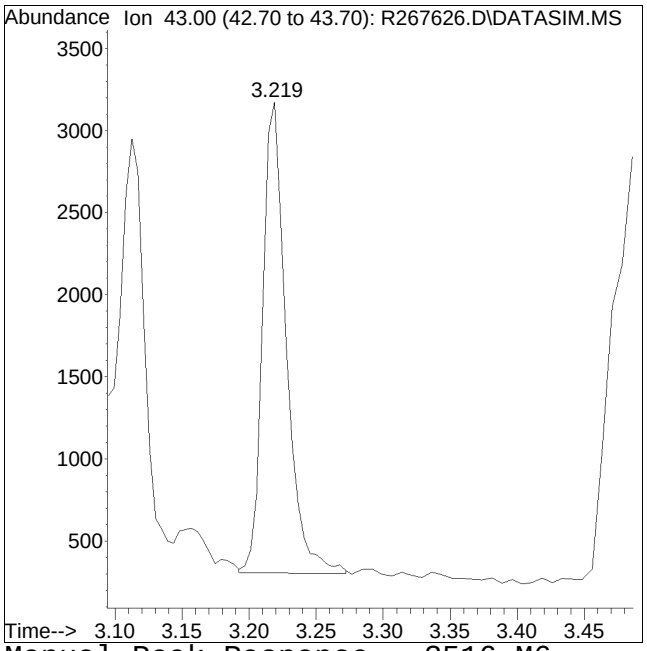
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #27: 2-butanone



Original Peak Response = 4719



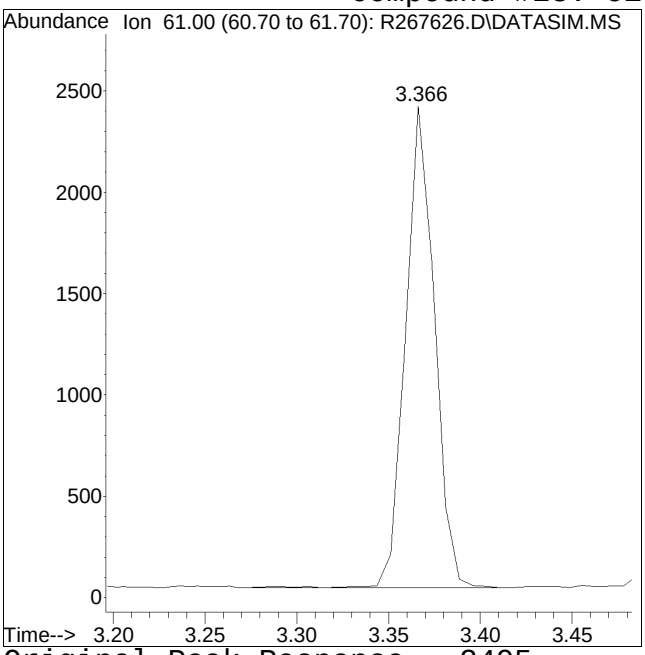
Manual Peak Response = 3516 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

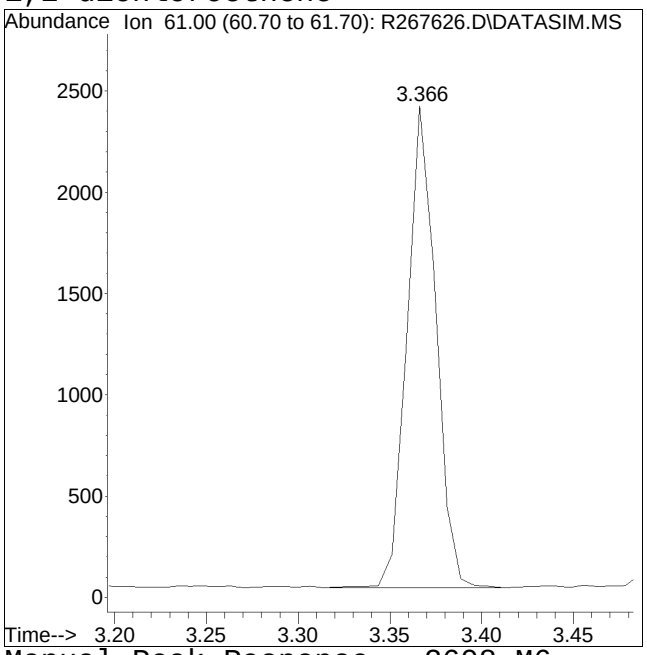
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #28: cis-1,2-dichloroethene



Original Peak Response = 2495



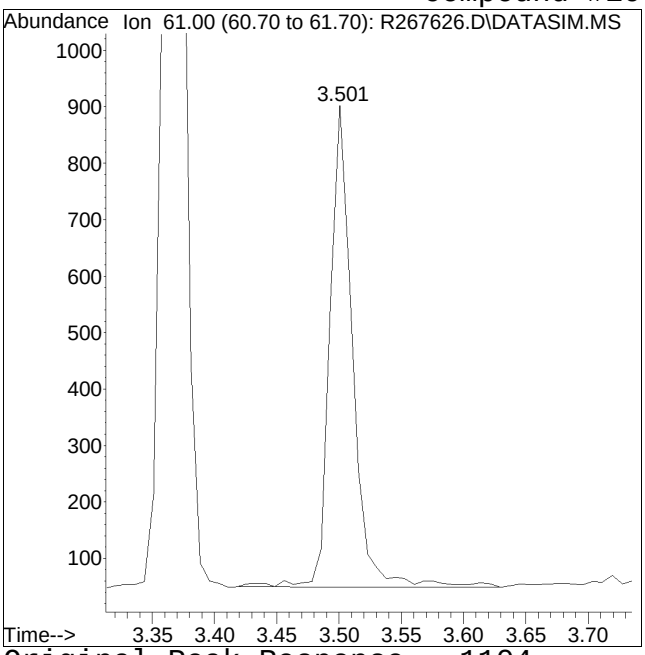
Manual Peak Response = 2608 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

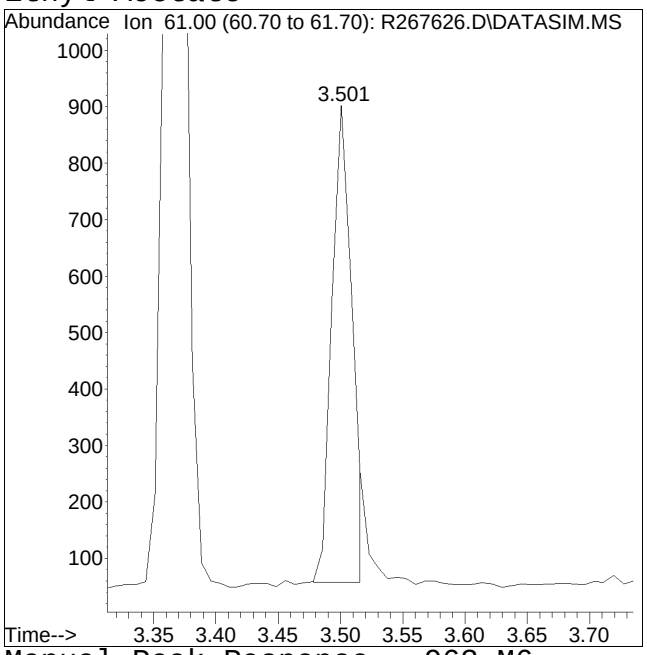
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 1104



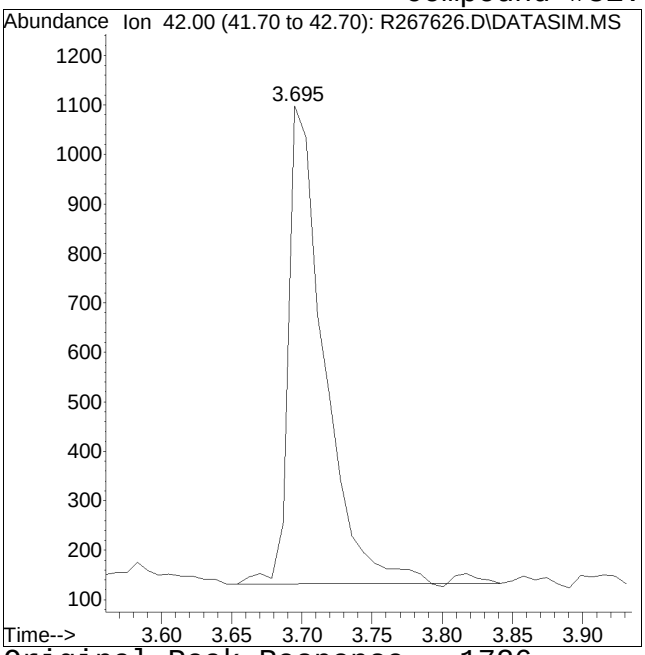
Manual Peak Response = 963 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

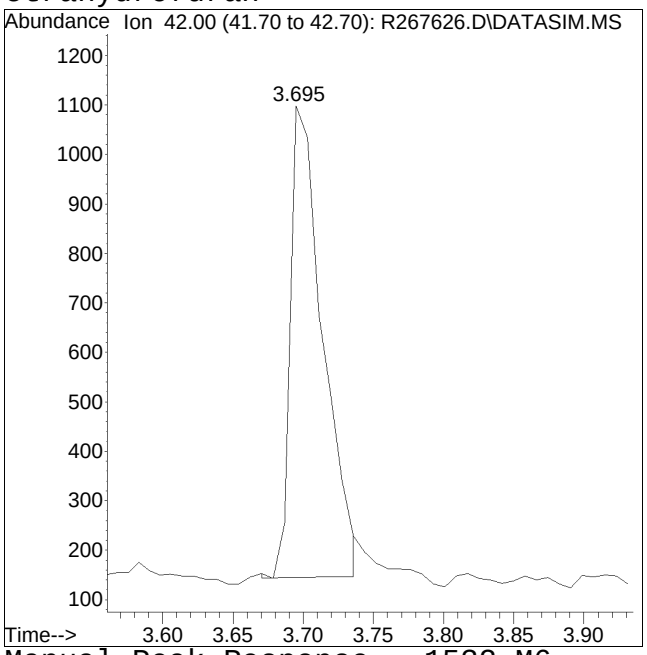
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 1726



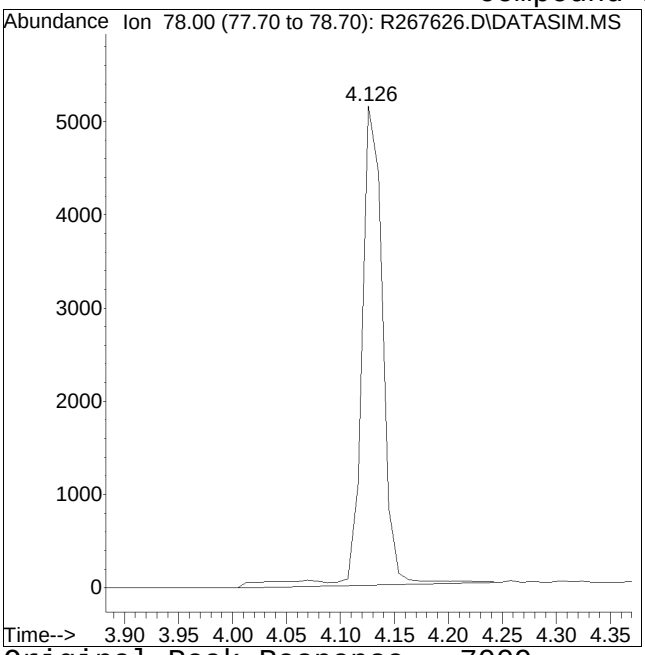
Manual Peak Response = 1532 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

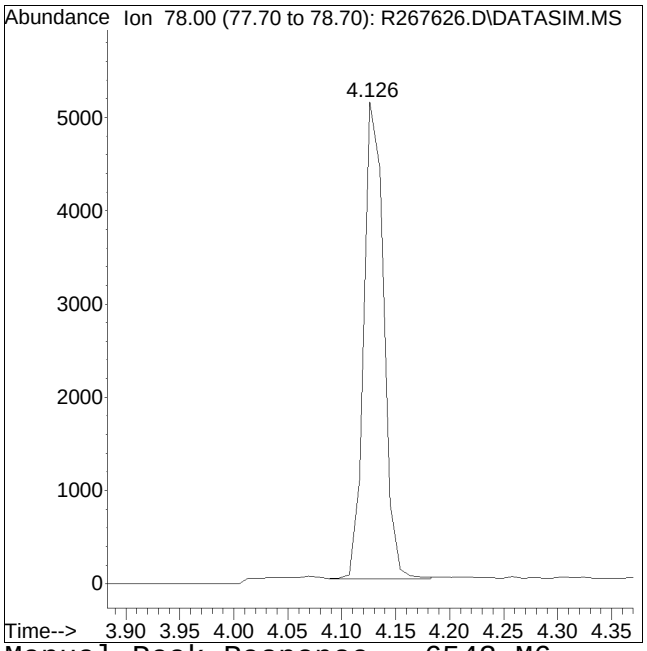
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #37: benzene



Original Peak Response = 7009



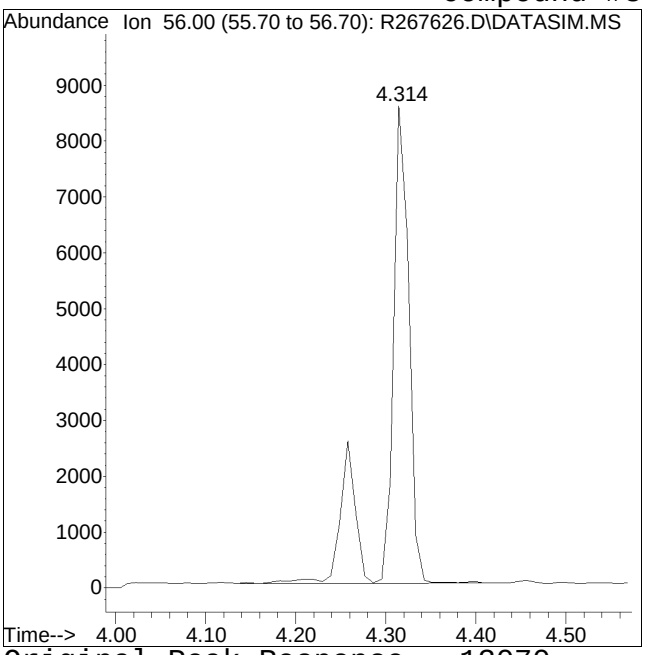
Manual Peak Response = 6543 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

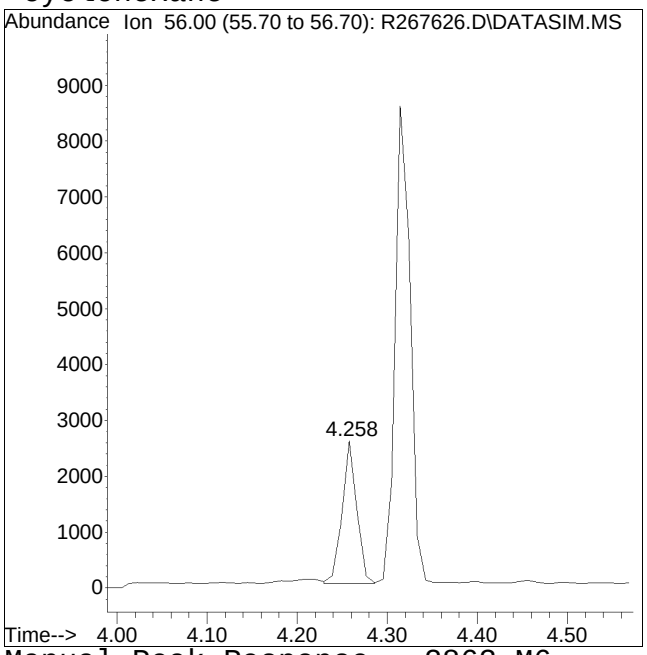
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #39: cyclohexane



Original Peak Response = 13070



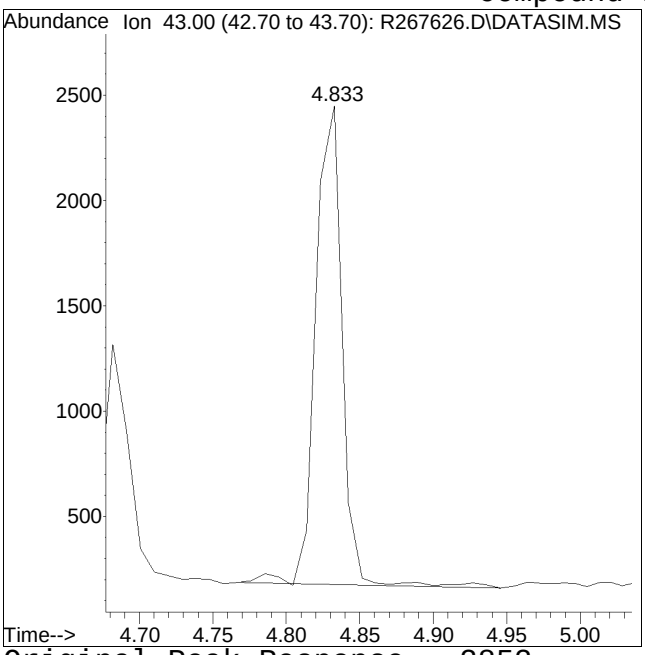
Manual Peak Response = 2863 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

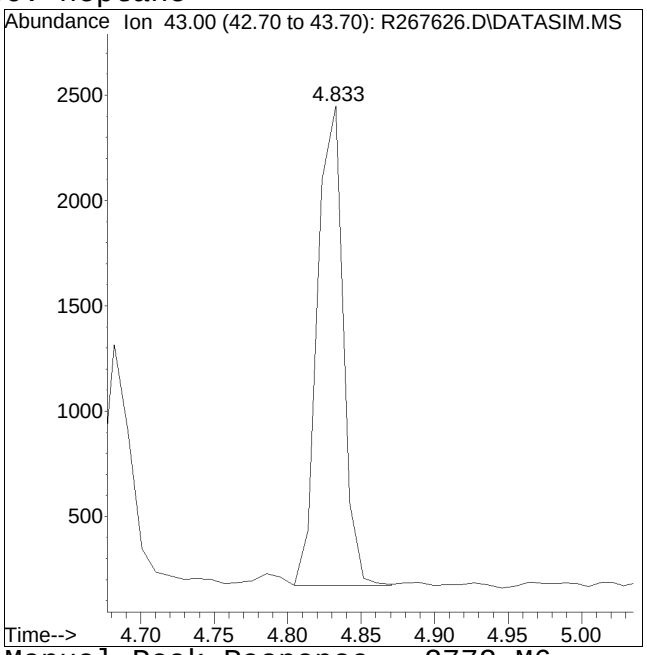
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #46: heptane



Original Peak Response = 2852



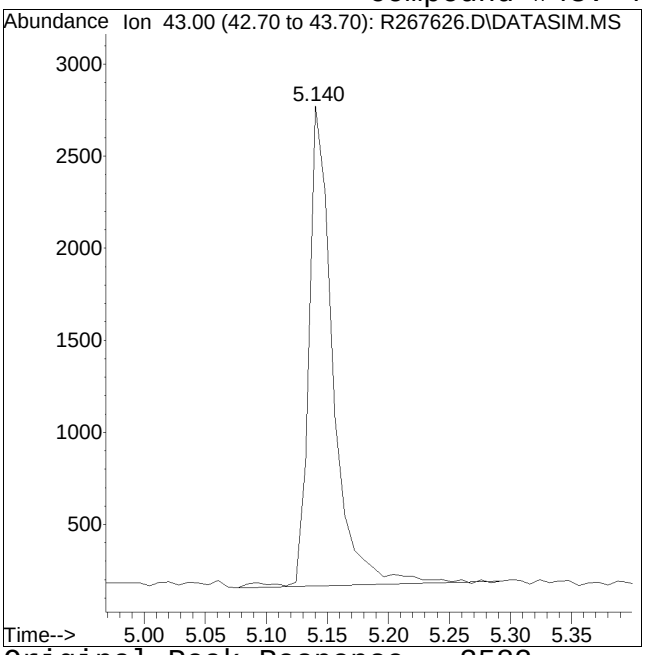
Manual Peak Response = 2772 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

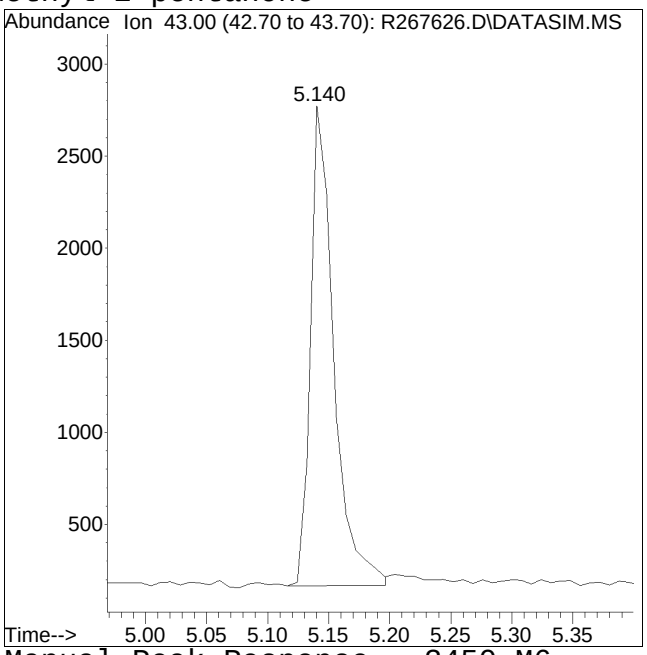
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #48: 4-methyl-2-pentanone



Original Peak Response = 3582



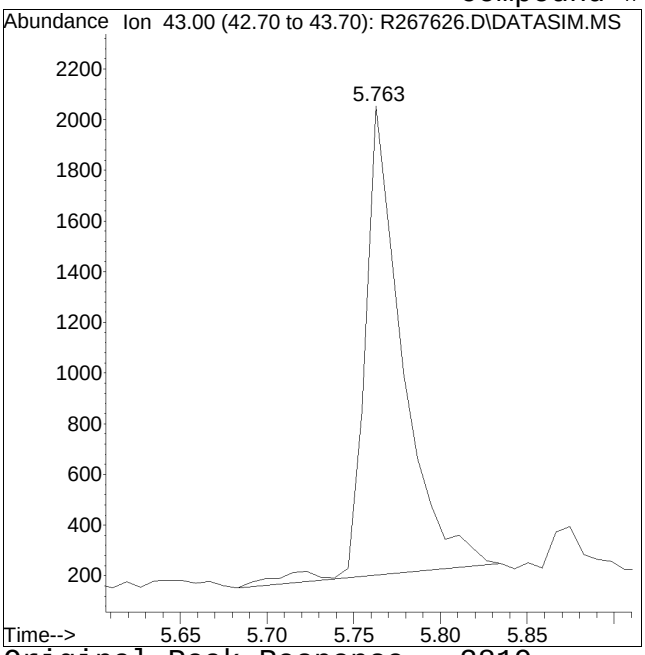
Manual Peak Response = 3450 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

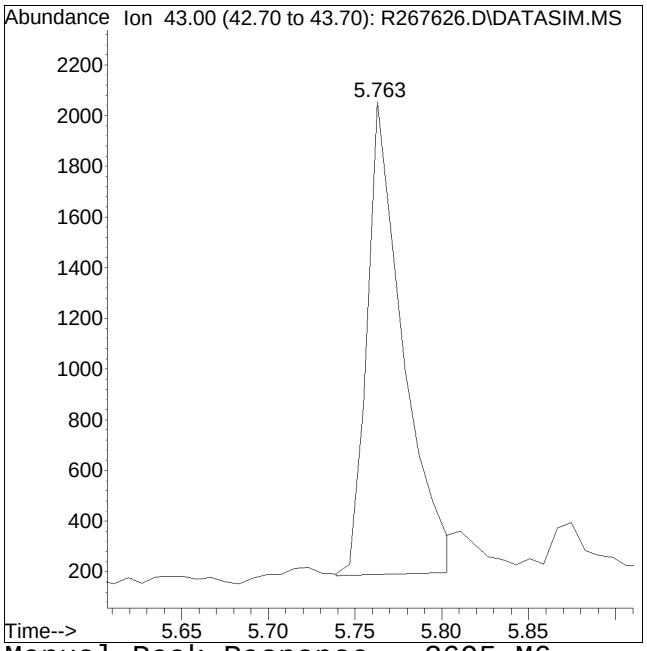
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #54: 2-hexanone



Original Peak Response = 2819



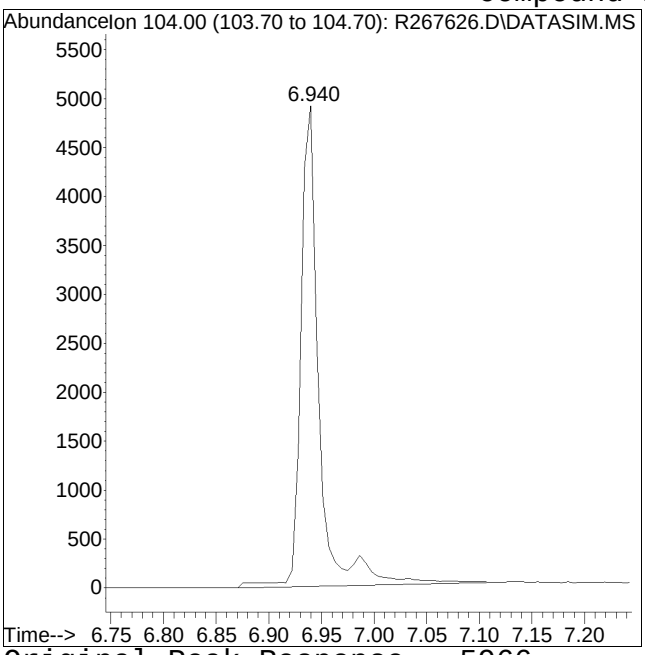
Manual Peak Response = 2695 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

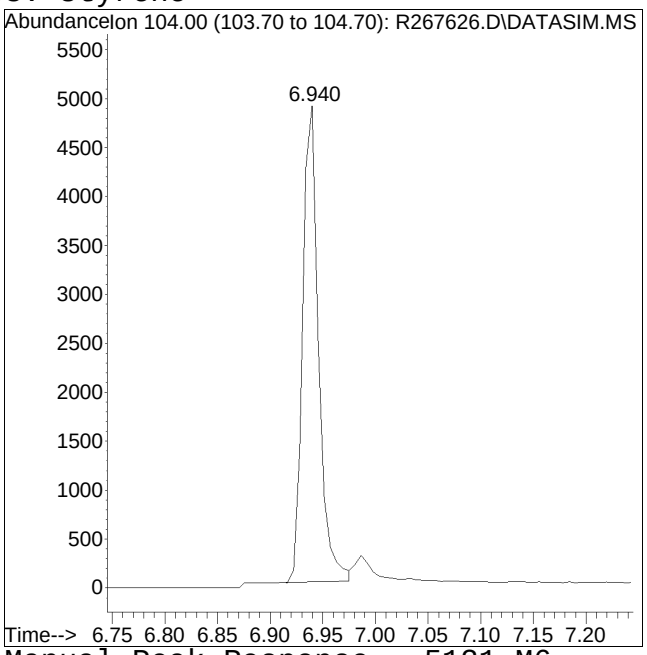
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #63: styrene



Original Peak Response = 5966



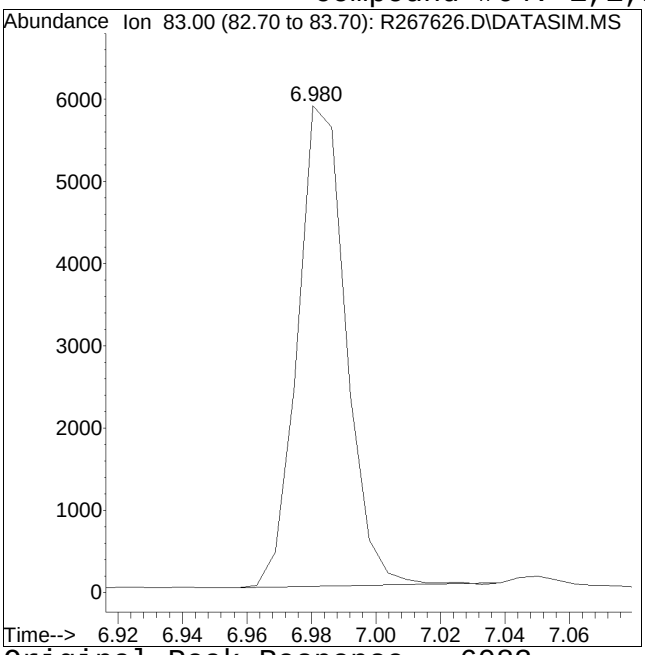
Manual Peak Response = 5121 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

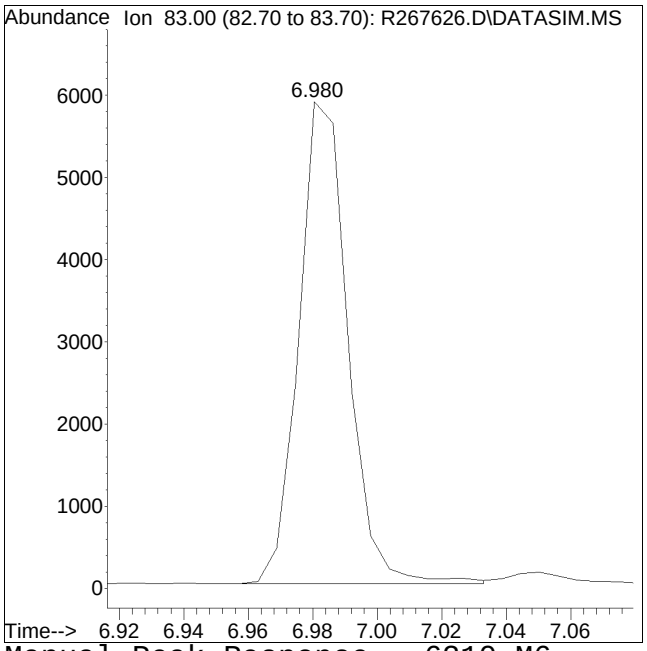
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #64: 1,1,2,2-tetrachloroethane



Original Peak Response = 6083



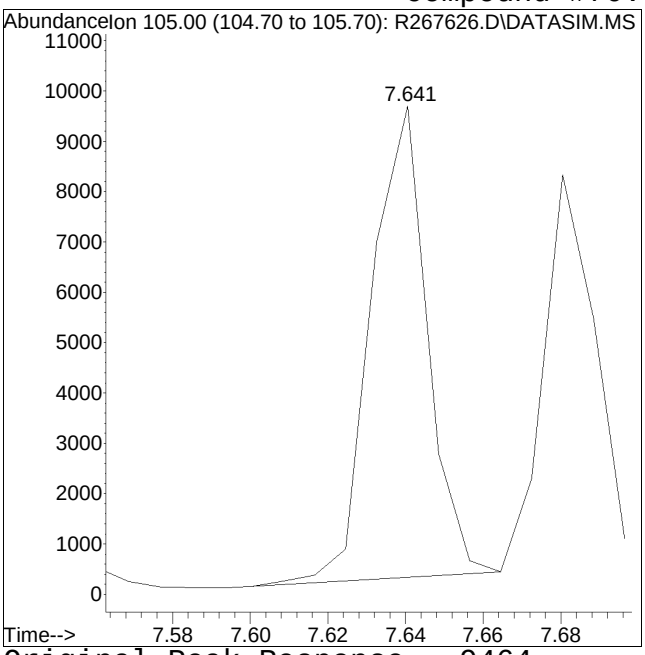
Manual Peak Response = 6210 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

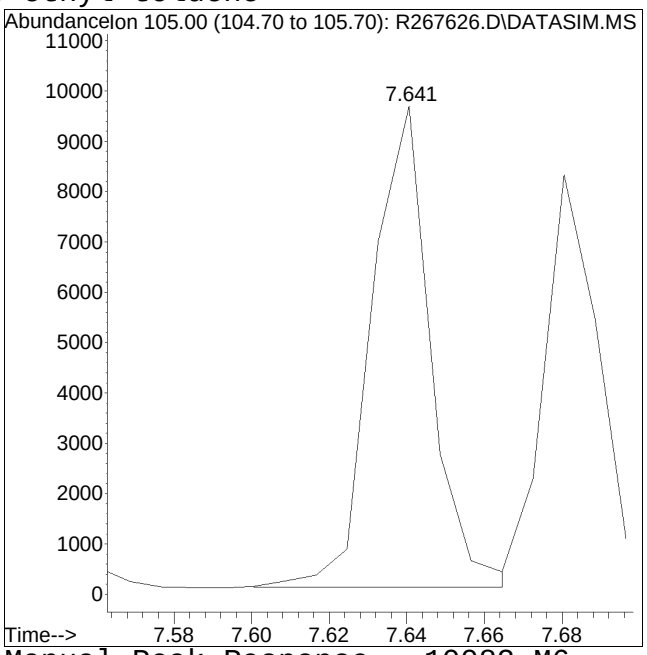
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 9464



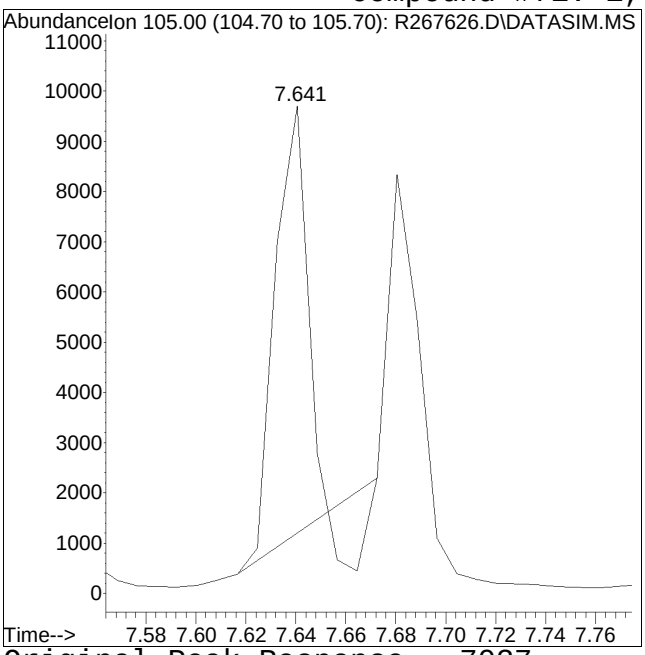
Manual Peak Response = 10082 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

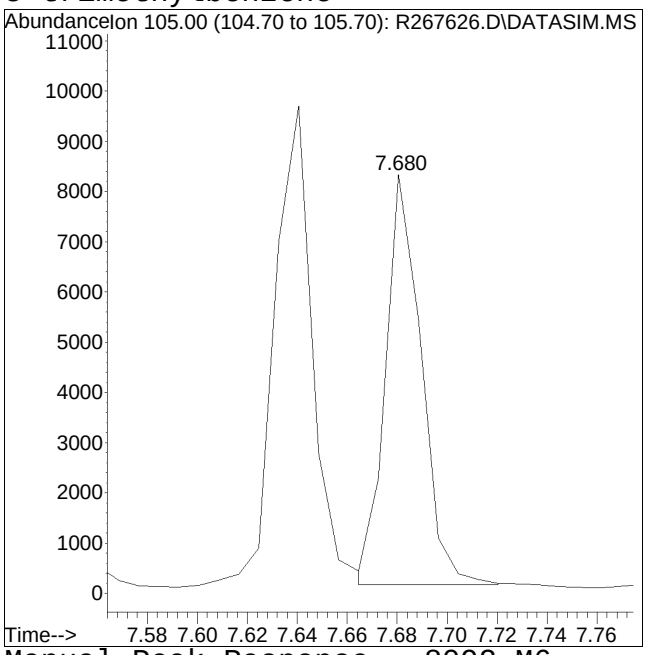
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 7037



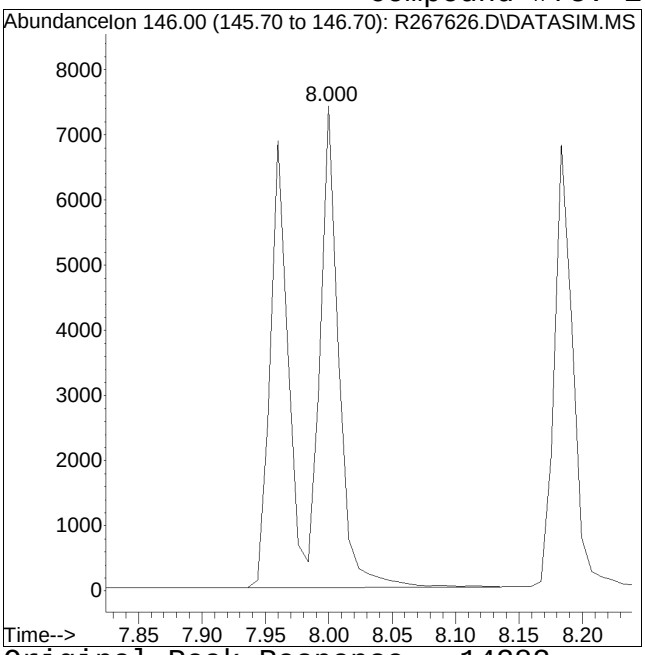
Manual Peak Response = 8092 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

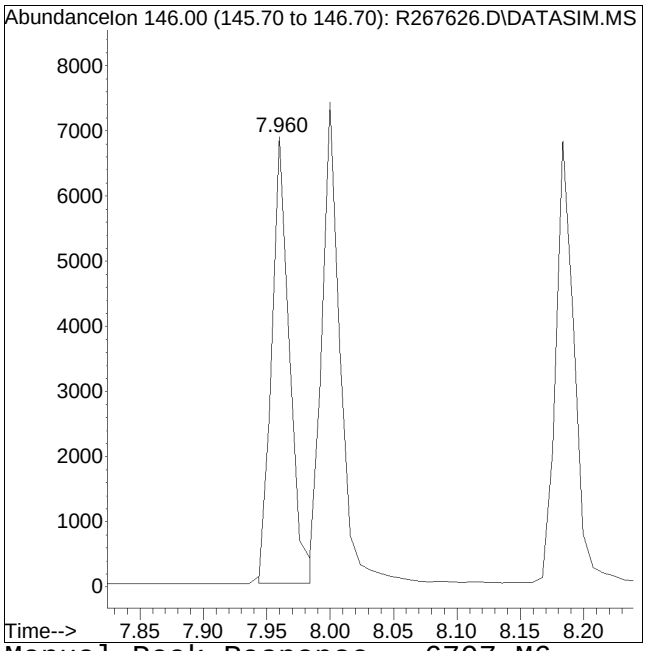
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 14282



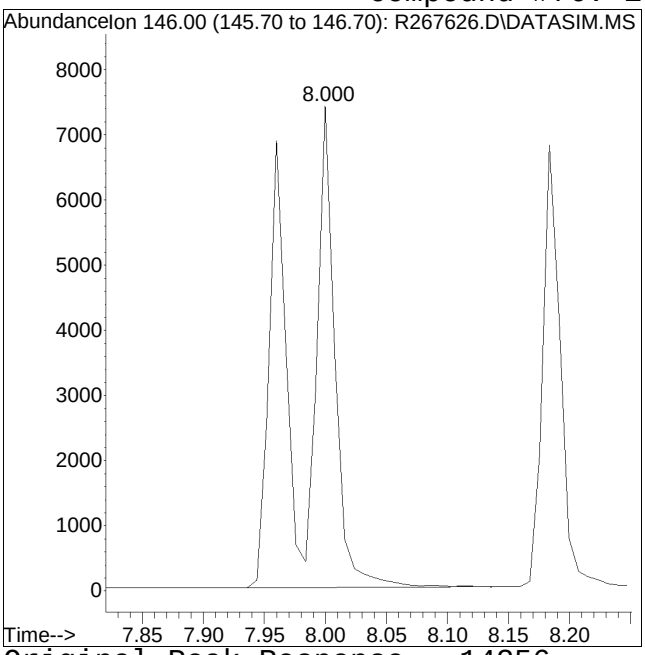
Manual Peak Response = 6707 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

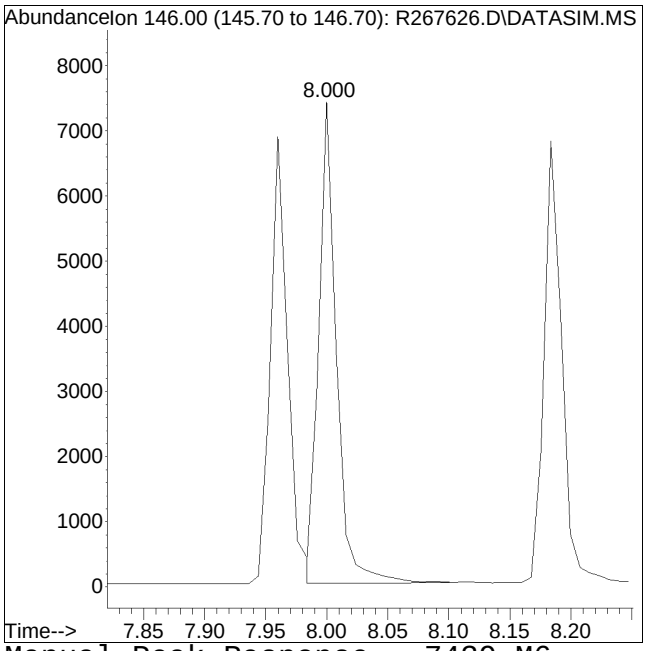
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 14256



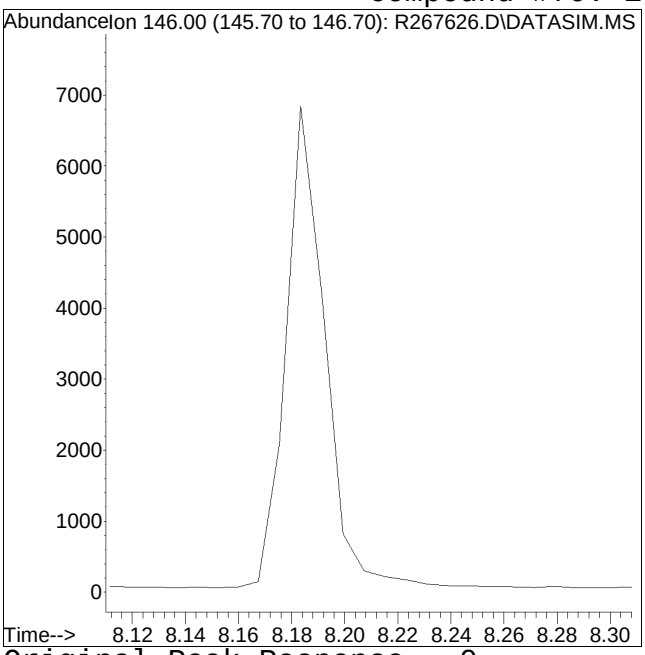
Manual Peak Response = 7439 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

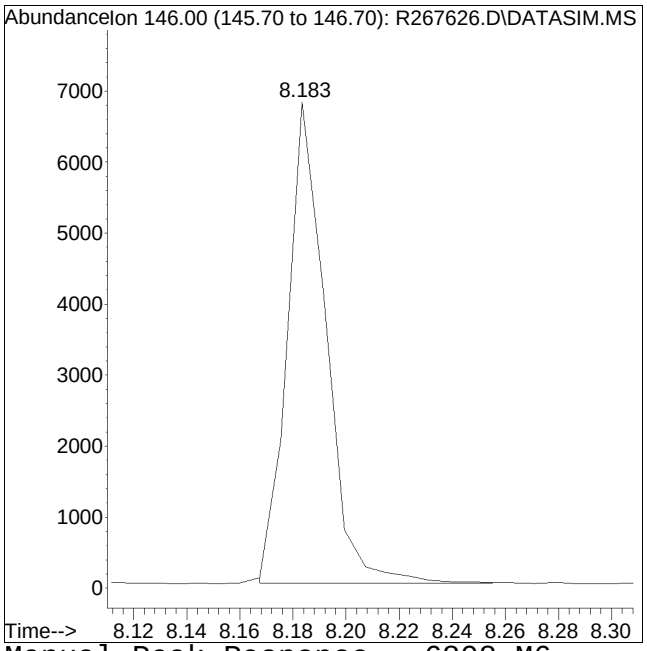
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #79: 1,2-dichlorobenzene



Original Peak Response = 0



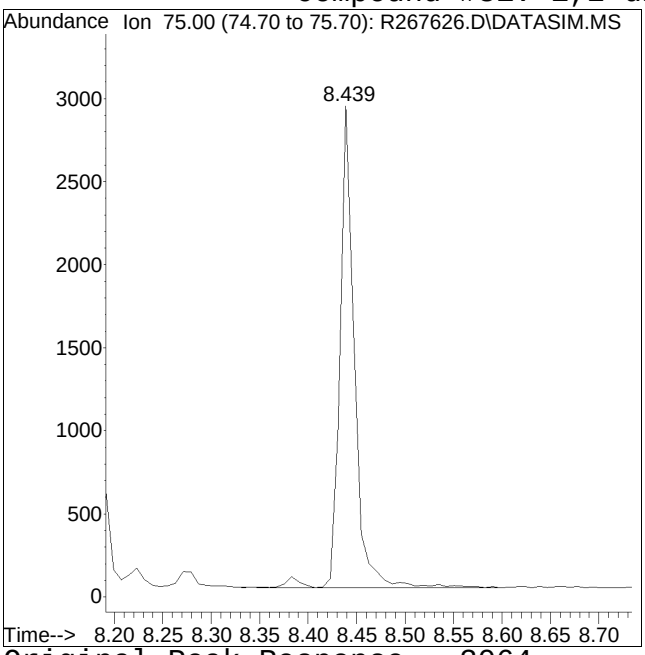
Manual Peak Response = 6808 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

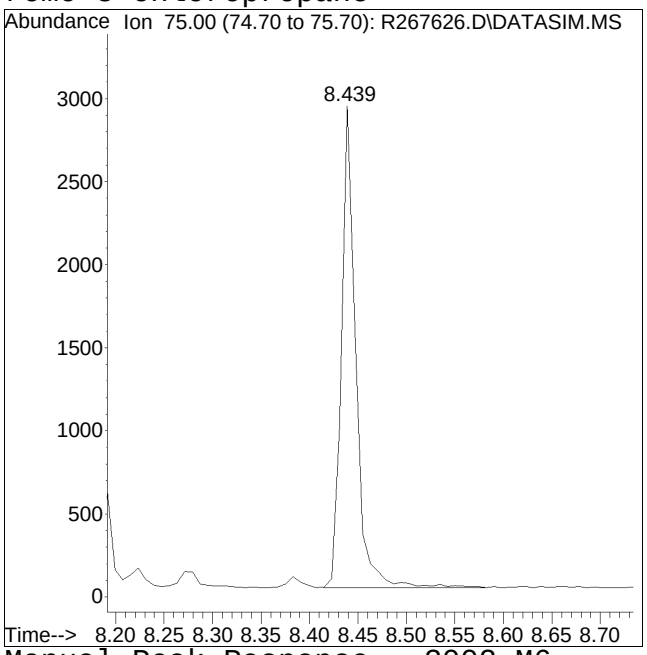
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267626.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:04 pm Instrument : Airlab26
Sample : ITO15-SIMSTD0.1 Quant Date : 1/8/2026 6:25 am

Compound #81: 1,2-dibromo-3-chloropropane



Original Peak Response = 3064



Manual Peak Response = 3002 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267627.D
Acq On : 07 Jan 2026 10:38 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.2
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	212222	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 107.95%			
33) 1,4-difluorobenzene	4.324	114	689700	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 104.66%			
51) chlorobenzene-D5	6.439	54	93289	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 102.49%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	150052	10.174	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.74%			
53) toluene-D8	5.515	98	554577	10.226	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.26%			
67) bromofluorobenzene	7.207	95	337059	10.253	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.53%			
Target Compounds						Qvalue
2) propylene	1.933	41	3158M6	0.235	ppbV	
3) dichlorodifluoromethane	1.955	85	9413M6	0.216	ppbV	
4) chloromethane	1.999	50	3240M6	0.183	ppbV	
5) Freon-114	2.026	85	10362	0.219	ppbV	100
6) vinyl chloride	2.059	62	3870M6	0.216	ppbV	
7) 1,3-butadiene	2.103	54	2494M6	0.226	ppbV	
8) bromomethane	2.180	94	3710	0.220	ppbV	98
9) chloroethane	2.229	64	2176	0.220	ppbV #	85
10) ethanol	2.262	31	8068	1.067	ppbV	99
11) vinyl bromide	2.329	106	3633M6	0.220	ppbV	
12) acrolein	2.363	56	1866	0.229	ppbV #	24
13) acetone	2.409	43	21140	1.171	ppbV	100
14) trichlorofluoromethane	2.454	101	8614	0.218	ppbV	100
15) isopropyl alcohol	2.477	45	14910	0.785	ppbV	100
16) acrylonitrile	2.533	53	2747M6	0.208	ppbV	
17) 1,1-dichloroethene	2.634	61	5156M6	0.211	ppbV	
18) tertiary butyl alcohol	2.653	59	7074	0.244	ppbV #	74
19) methylene chloride	2.662	49	3649M6	0.213	ppbV	
20) 3-chloropropene	2.701	41	3151M6	0.212	ppbV	
21) carbon disulfide	2.753	76	9885	0.227	ppbV #	1
22) Freon 113	2.753	101	7629	0.216	ppbV	96
23) trans-1,2-dichloroethene	2.971	61	4539	0.221	ppbV	99
24) 1,1-dichloroethane	3.042	63	6160	0.216	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267627.D
Acq On : 07 Jan 2026 10:38 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.2
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.082	73	8823	0.224	ppbV	#	44
26) vinyl acetate	3.112	43	4858M6	0.169	ppbV		
27) 2-butanone	3.214	43	6317M6	0.189	ppbV		
28) cis-1,2-dichloroethene	3.366	61	5118	0.212	ppbV		100
29) Ethyl Acetate	3.500	61	1945M6	0.352	ppbV		
30) chloroform	3.493	83	7782M6	0.213	ppbV		
31) Tetrahydrofuran	3.695	42	2966M6	0.213	ppbV		
32) 1,2-dichloroethane	3.809	62	4502	0.214	ppbV	#	64
34) hexane	3.471	57	6533	0.285	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	7418	0.213	ppbV	#	15
37) benzene	4.126	78	13051	0.225	ppbV	#	100
38) carbon tetrachloride	4.201	117	7107	0.212	ppbV	#	31
39) cyclohexane	4.258	56	5510	0.228	ppbV	#	1
40) Dibromomethane	4.503	93	4773	0.210	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	4461	0.214	ppbV	#	1
42) bromodichloromethane	4.616	83	7620	0.217	ppbV	#	100
43) 1,4-dioxane	4.691	88	2649	0.245	ppbV	#	1
44) trichloroethene	4.644	130	6137	0.226	ppbV	#	52
45) 2,2,4-trimethylpentane	4.682	57	16623	0.231	ppbV	#	55
46) heptane	4.833	43	5566	0.229	ppbV	#	1
47) cis-1,3-dichloropropene	5.084	75	6190	0.207	ppbV	#	100
48) 4-methyl-2-pentanone	5.132	43	6953	0.208	ppbV	#	60
49) trans-1,3-dichloropropene	5.356	75	4521	0.202	ppbV	#	100
50) 1,1,2-trichloroethane	5.427	97	5180	0.204	ppbV	#	1
52) toluene	5.571	91	14812	0.215	ppbV		99
54) 2-hexanone	5.755	43	6711	0.211	ppbV	#	89
55) dibromochloromethane	5.763	129	7228	0.211	ppbV		99
56) 1,2-dibromoethane	5.882	107	7532	0.209	ppbV		99
57) tetrachloroethene	6.130	166	6837	0.222	ppbV		99
58) 1,1,1,2-tetrachloroethane	6.461	131	5593	0.195	ppbV	#	100
59) chlorobenzene	6.461	112	12075	0.215	ppbV	#	72
60) ethylbenzene	6.668	91	18612	0.210	ppbV		98
61) m+p-xylene	6.761	91	29901	0.433	ppbV		98
62) bromoform	6.755	173	6128	0.201	ppbV		99
63) styrene	6.934	104	10293M6	0.196	ppbV		
64) 1,1,2,2-tetrachloroethane	6.980	83	10796	0.204	ppbV		99
65) o-xylene	6.986	91	14264	0.213	ppbV		98
66) 1,2,3-Trichloropropane	7.044	75	7987	0.199	ppbV		100
68) isopropylbenzene	7.295	105	20194	0.199	ppbV		98
69) Bromobenzene	7.306	77	13148	0.205	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267627.D
Acq On : 07 Jan 2026 10:38 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.2
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

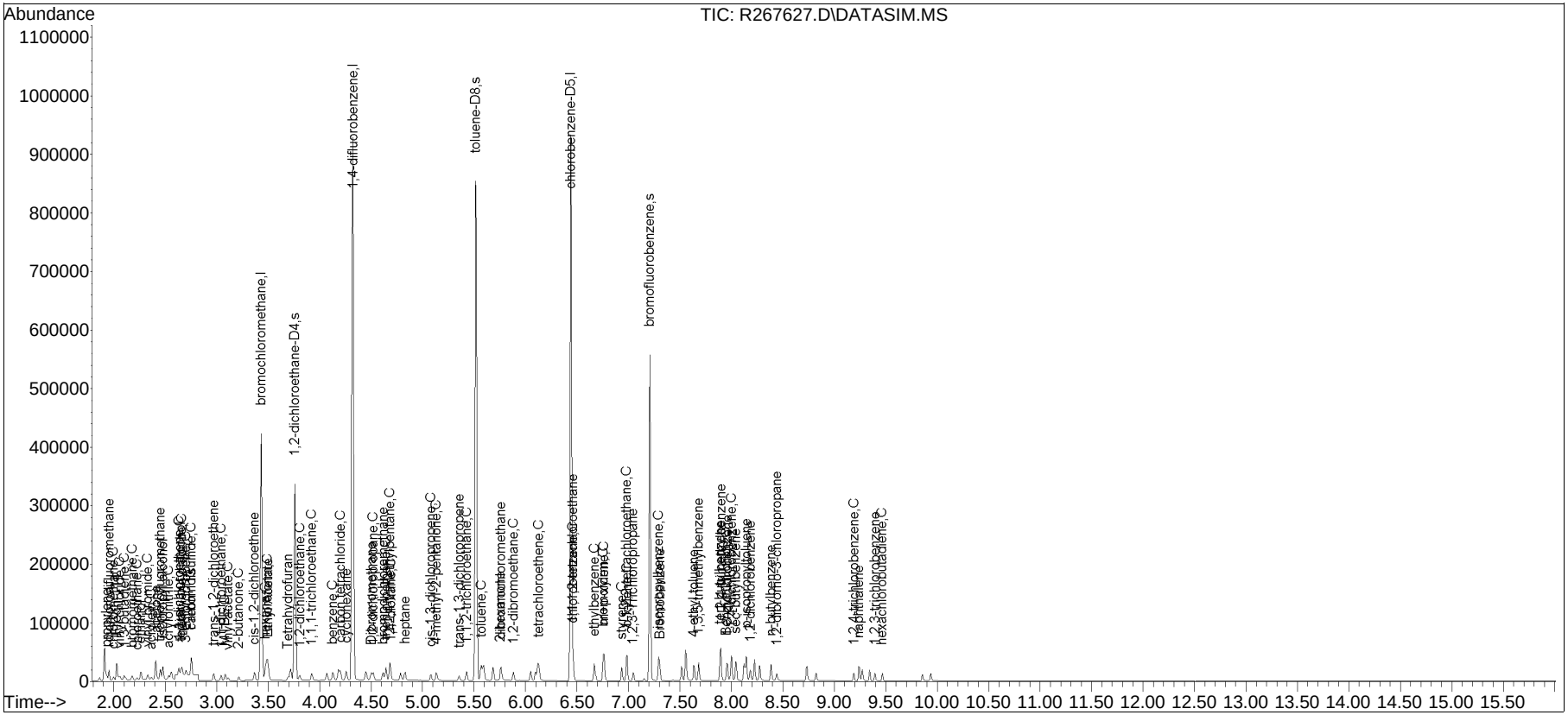
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	7.635	105	17691M6	0.195	ppbV	
71) 1,3,5-trimethylbenzene	7.682	105	15452M6	0.208	ppbV	
72) tert-butylbenzene	7.890	119	16989	0.191	ppbV	100
73) 1,2,4-trimethylbenzene	7.898	105	15303	0.192	ppbV	99
74) Benzyl Chloride	7.954	91	10839	0.167	ppbV	99
75) 1,3-dichlorobenzene	7.962	146	11465M6	0.190	ppbV	
76) 1,4-dichlorobenzene	8.002	146	12221M4	0.204	ppbV	
77) sec-butylbenzene	8.042	105	23972	0.189	ppbV	99
78) p-isopropyltoluene	8.145	119	20996	0.186	ppbV	98
79) 1,2-dichlorobenzene	8.185	146	11445	0.196	ppbV	99
80) n-butylbenzene	8.385	91	18417	0.174	ppbV	100
81) 1,2-dibromo-3-chloropr...	8.441	75	4275	0.158	ppbV	95
82) 1,2,4-trichlorobenzene	9.191	180	8834	0.155	ppbV	99
83) naphthalene	9.238	128	22815M2	0.152	ppbV	
84) 1,2,3-trichlorobenzene	9.396	180	7665	0.116	ppbV	99
85) hexachlorobutadiene	9.466	225	5335	0.138	ppbV	99

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267627.D
Acq On : 07 Jan 2026 10:38 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.2
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

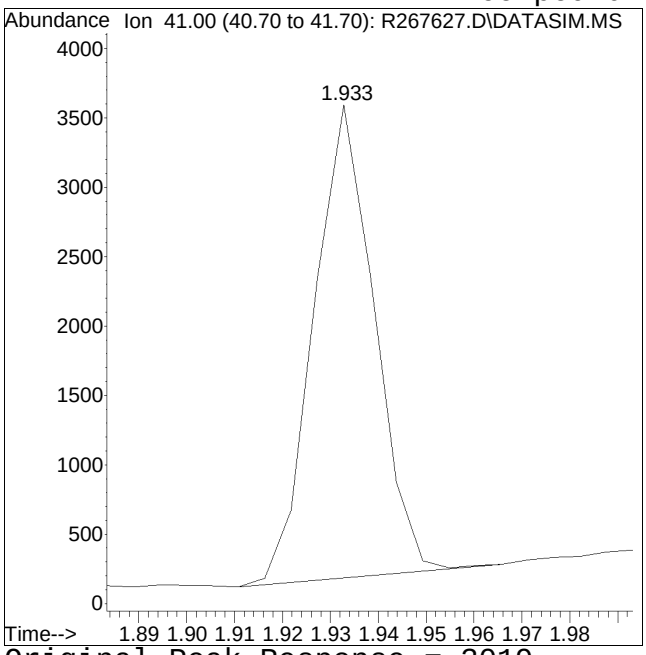
Quant Time: Jan 08 06:25:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration



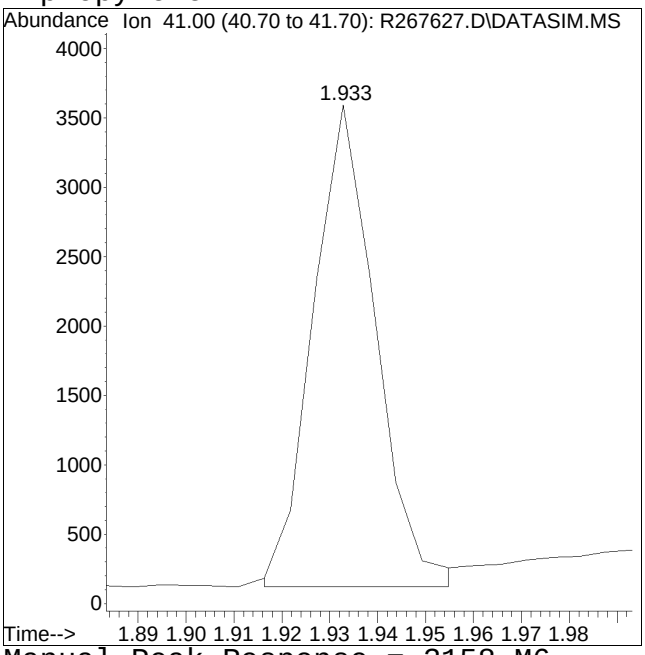
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #2: propylene



Original Peak Response = 3019



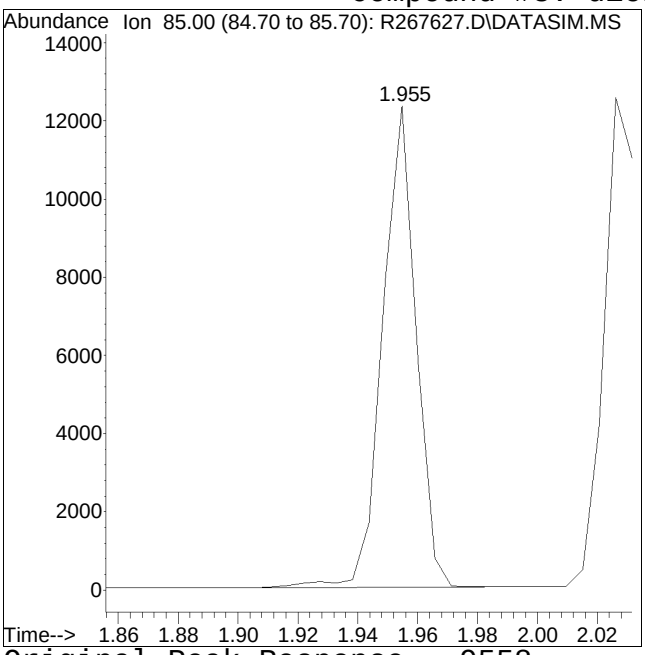
Manual Peak Response = 3158 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

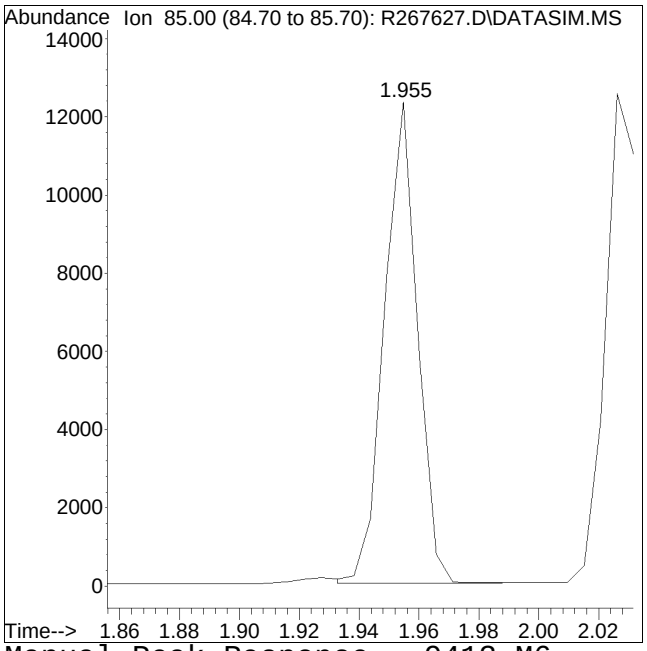
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #3: dichlorodifluoromethane



Original Peak Response = 9558



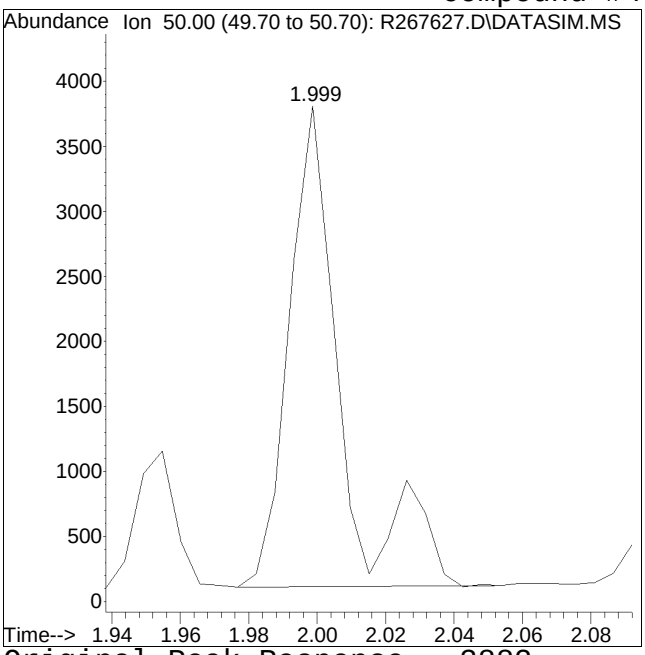
Manual Peak Response = 9413 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

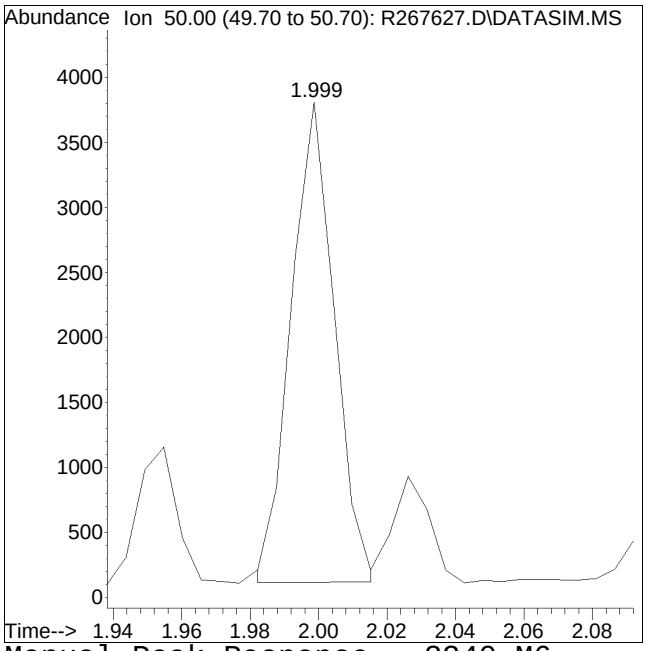
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 3882



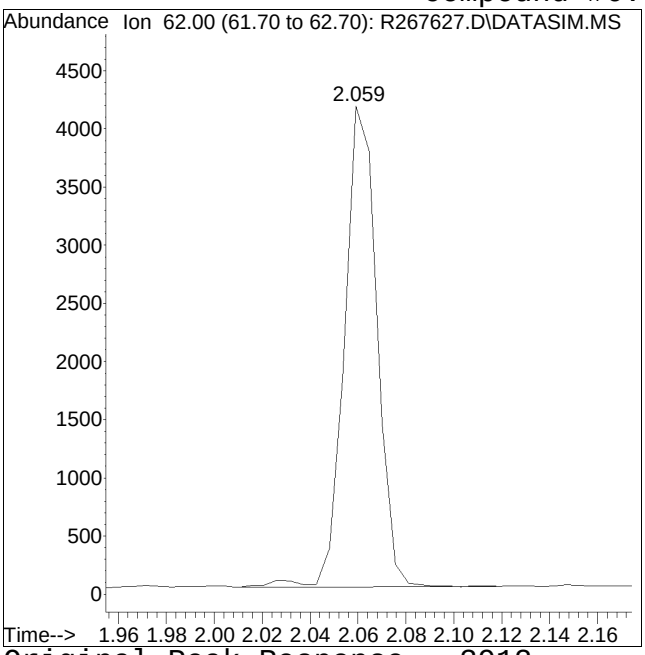
Manual Peak Response = 3240 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

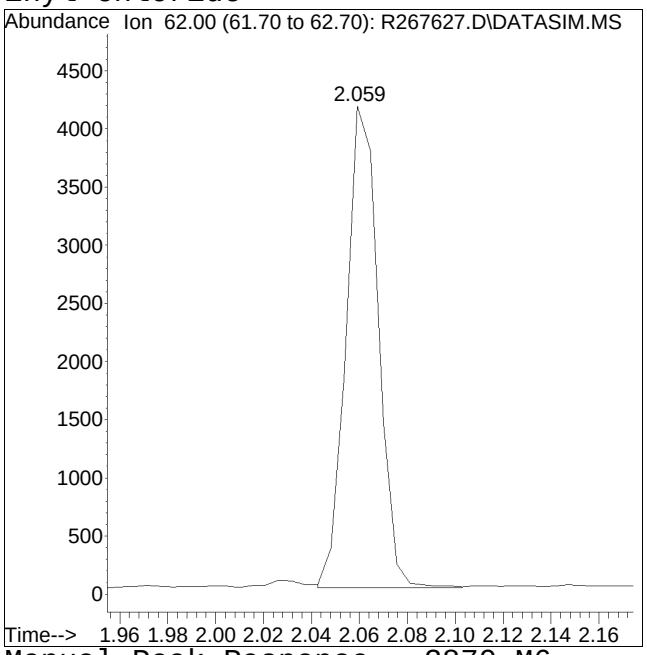
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #6: vinyl chloride



Original Peak Response = 3912



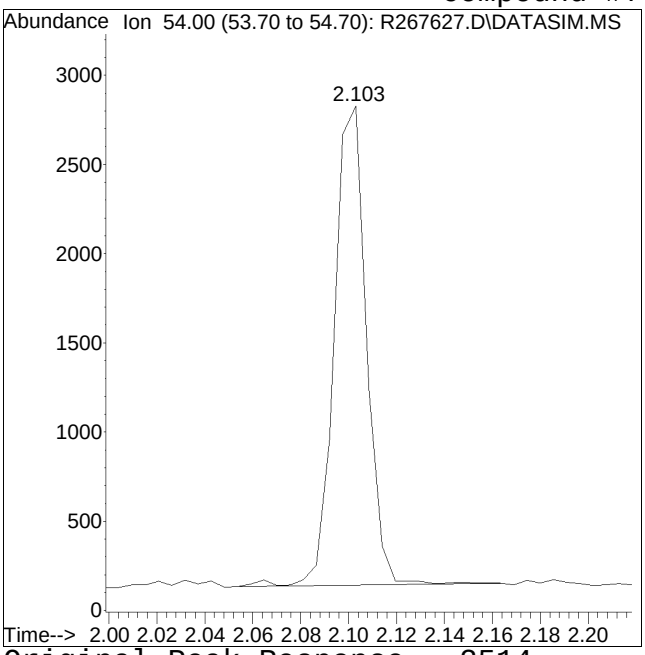
Manual Peak Response = 3870 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

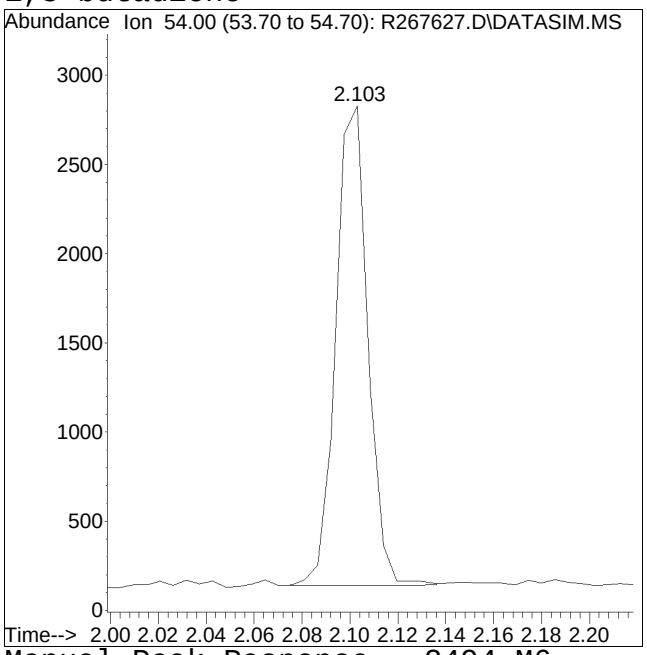
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #7: 1,3-butadiene



Original Peak Response = 2514



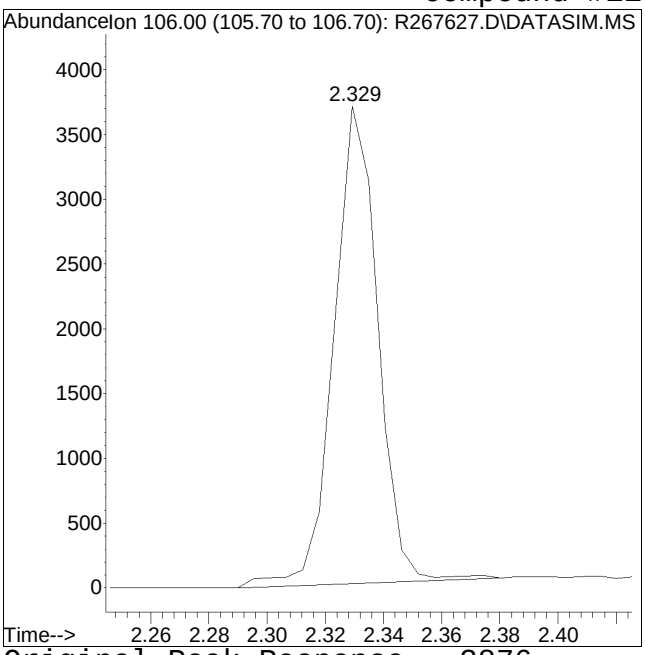
Manual Peak Response = 2494 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

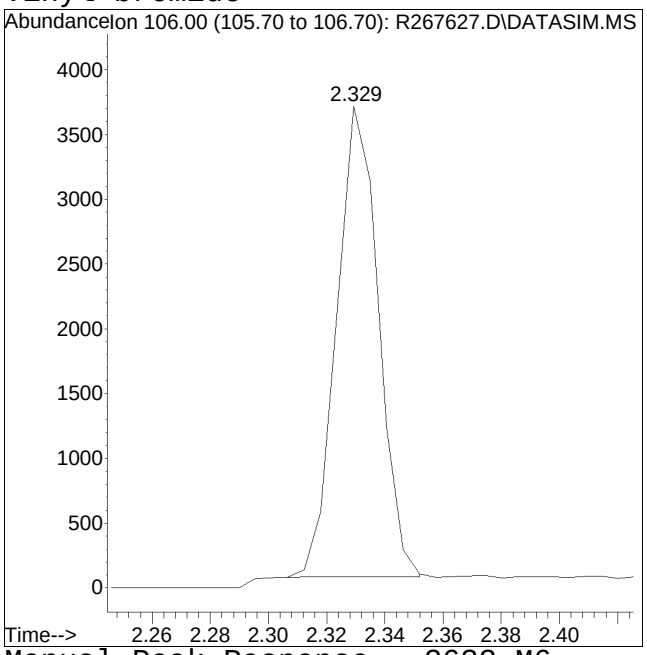
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #11: vinyl bromide



Original Peak Response = 3876



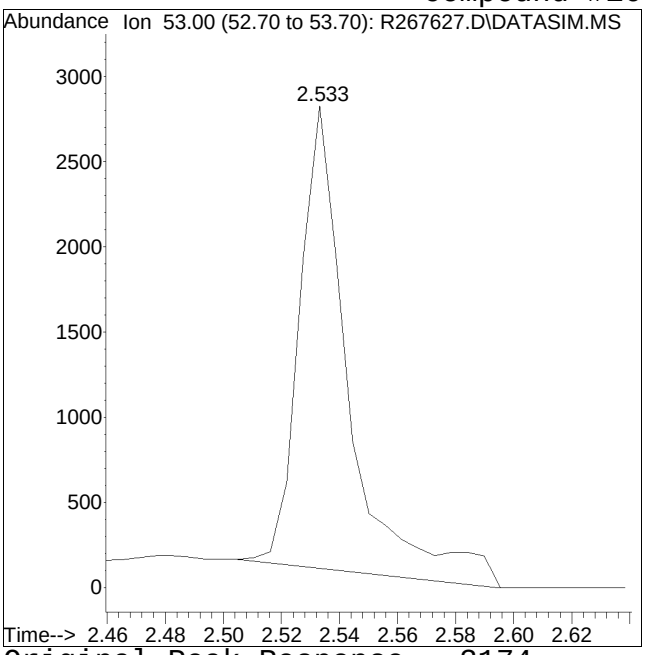
Manual Peak Response = 3633 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

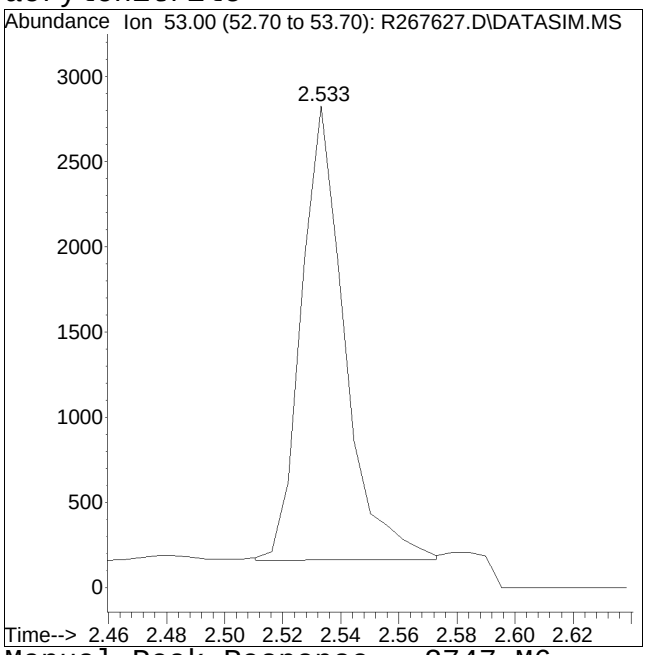
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #16: acrylonitrile



Original Peak Response = 3174



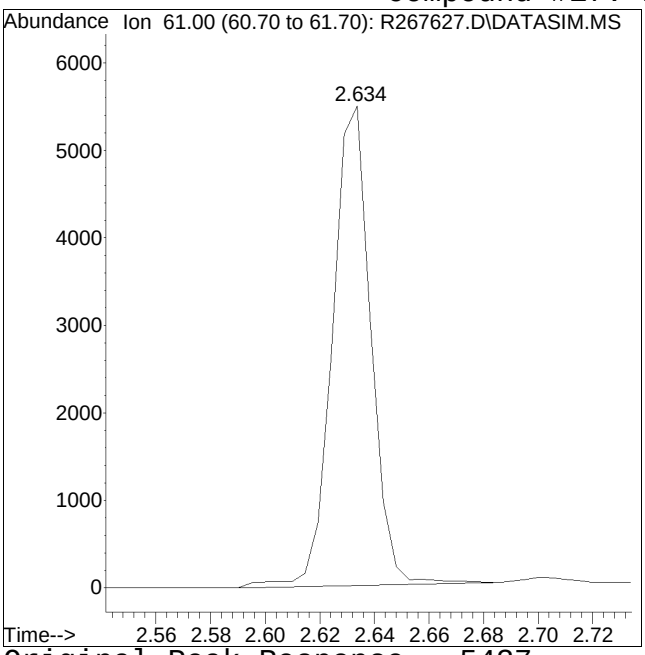
Manual Peak Response = 2747 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

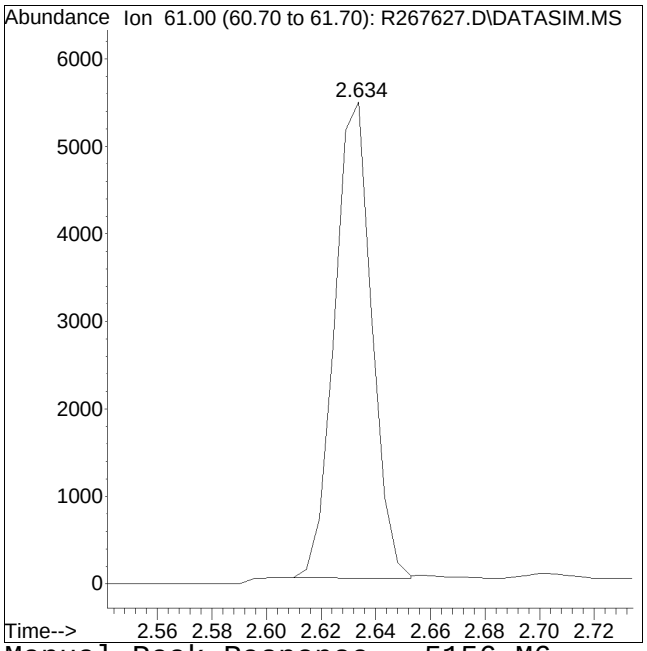
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #17: 1,1-dichloroethene



Original Peak Response = 5437



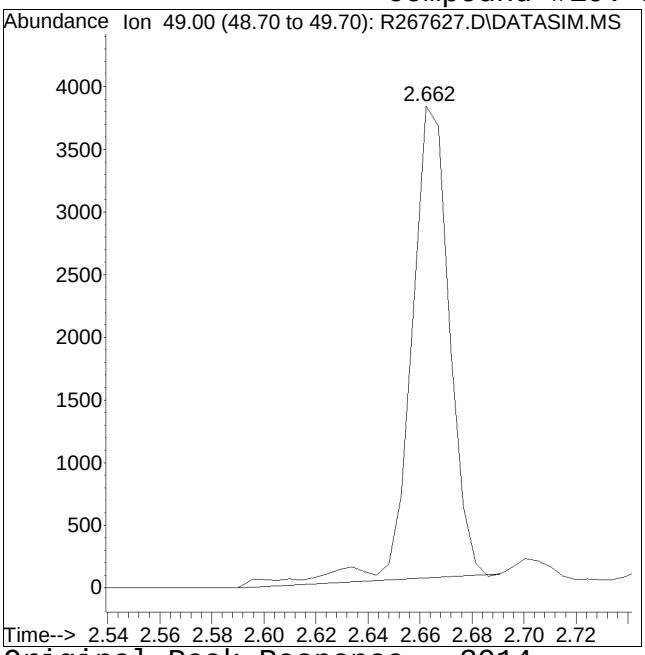
Manual Peak Response = 5156 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

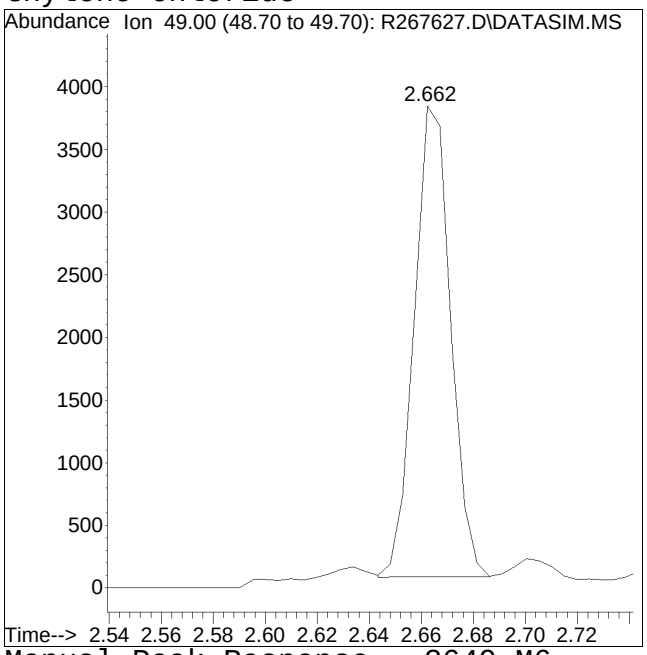
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #19: methylene chloride



Original Peak Response = 3914



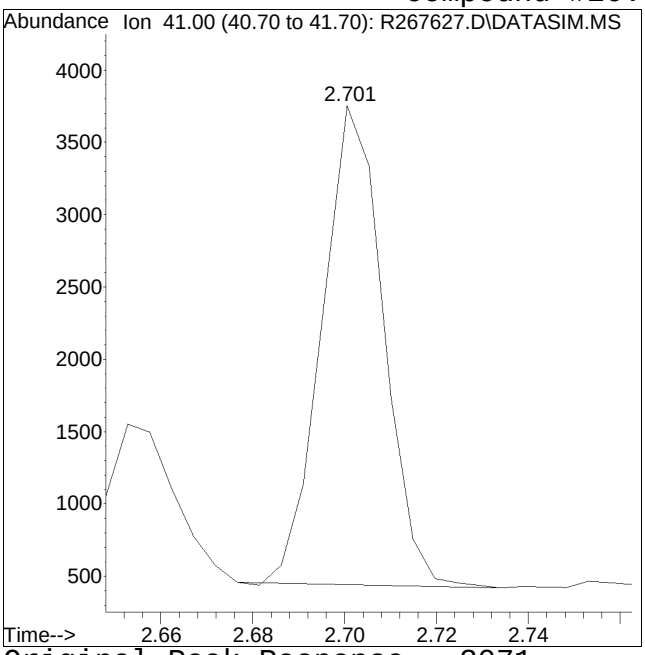
Manual Peak Response = 3649 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

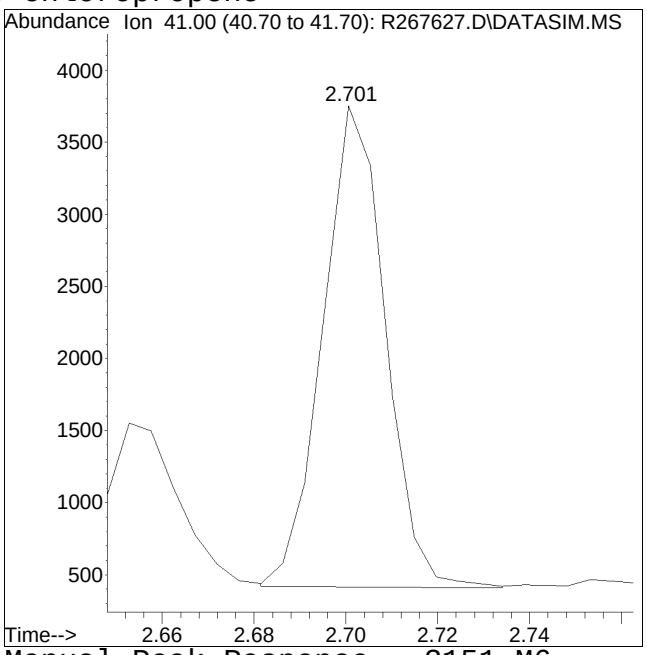
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #20: 3-chloropropene



Original Peak Response = 3071



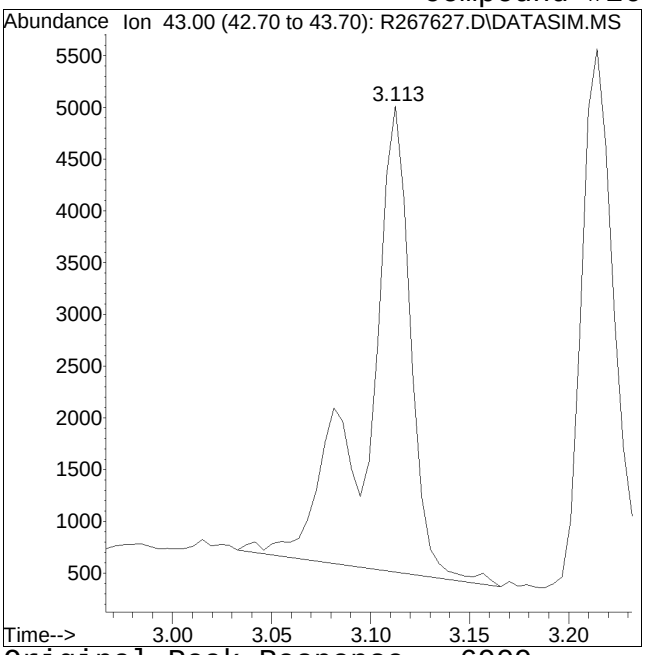
Manual Peak Response = 3151 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

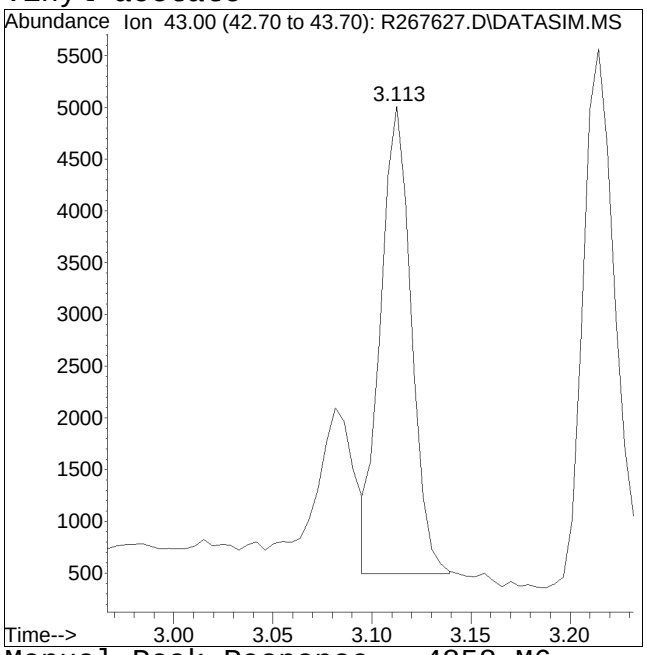
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 6909



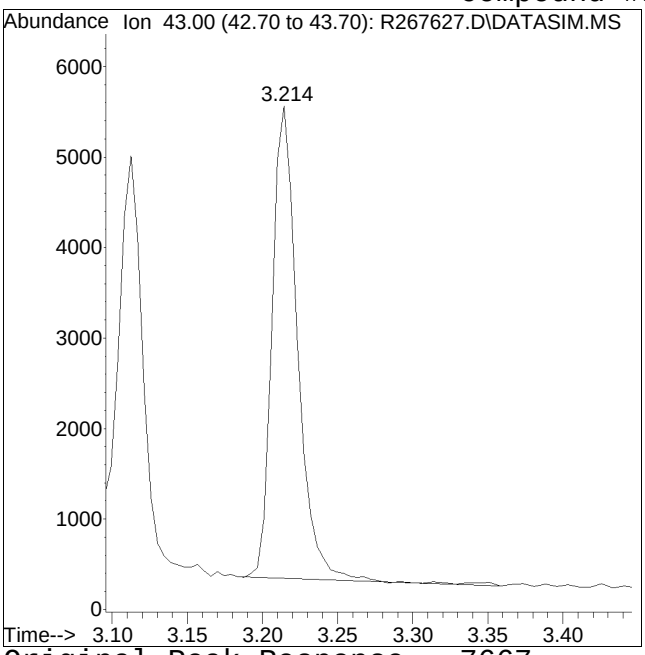
Manual Peak Response = 4858 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

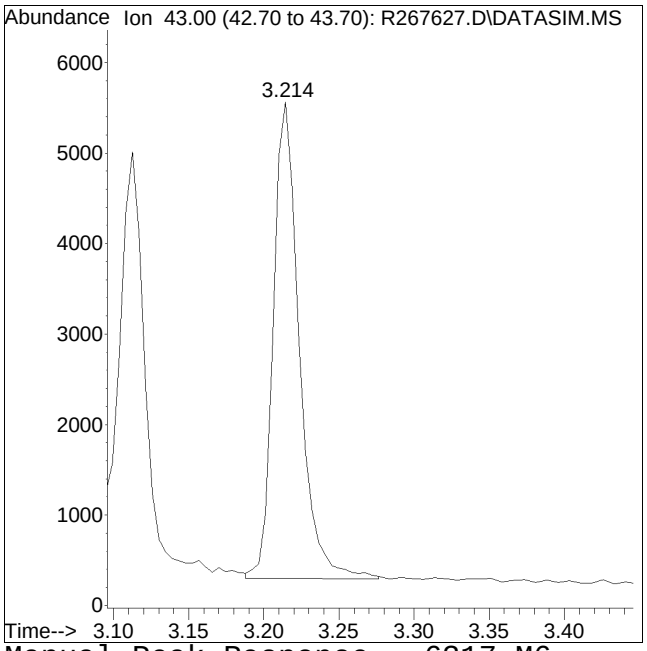
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #27: 2-butanone



Original Peak Response = 7667



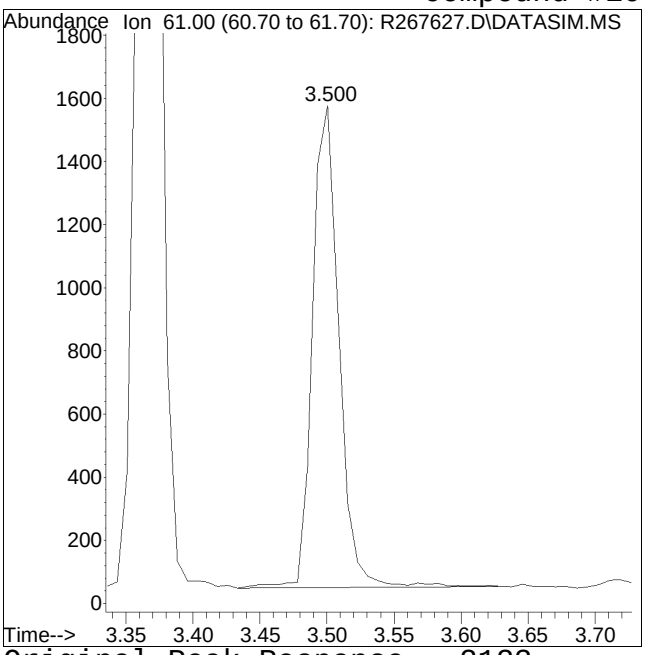
Manual Peak Response = 6317 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

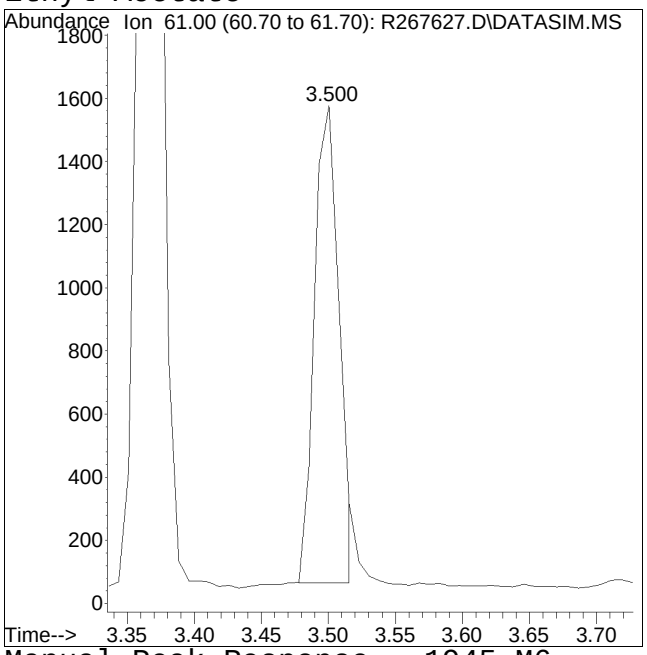
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 2123



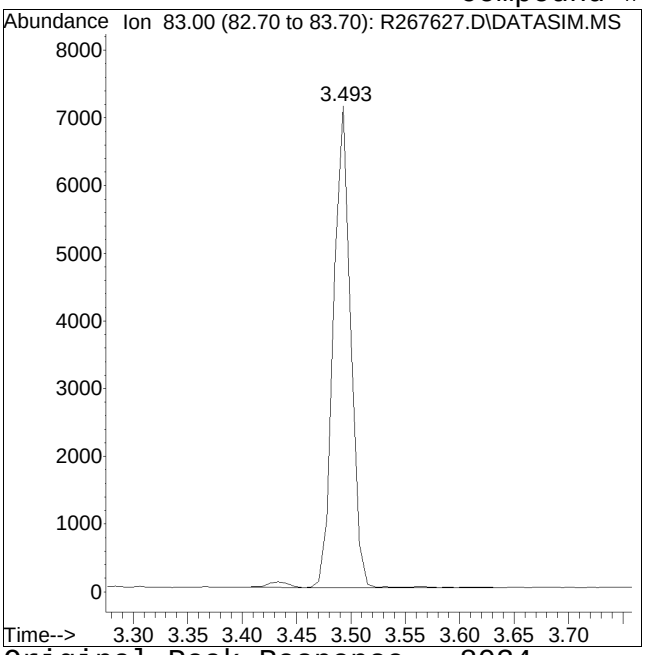
Manual Peak Response = 1945 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

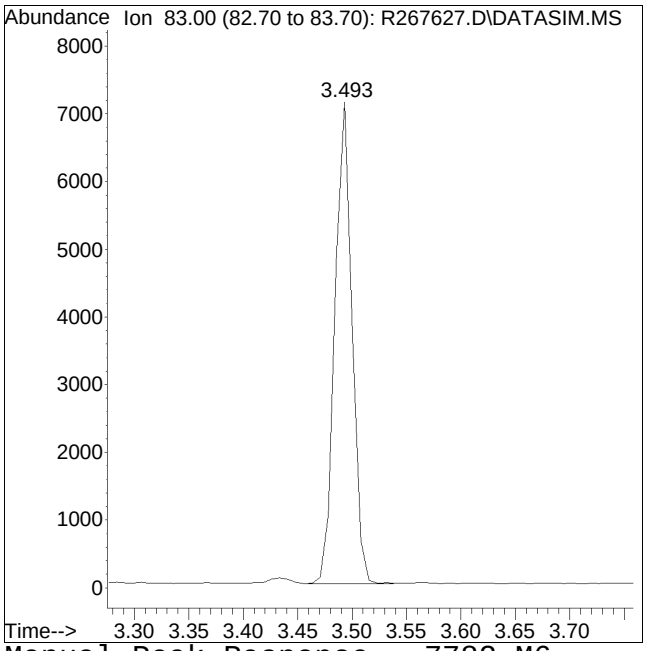
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #30: chloroform



Original Peak Response = 8034



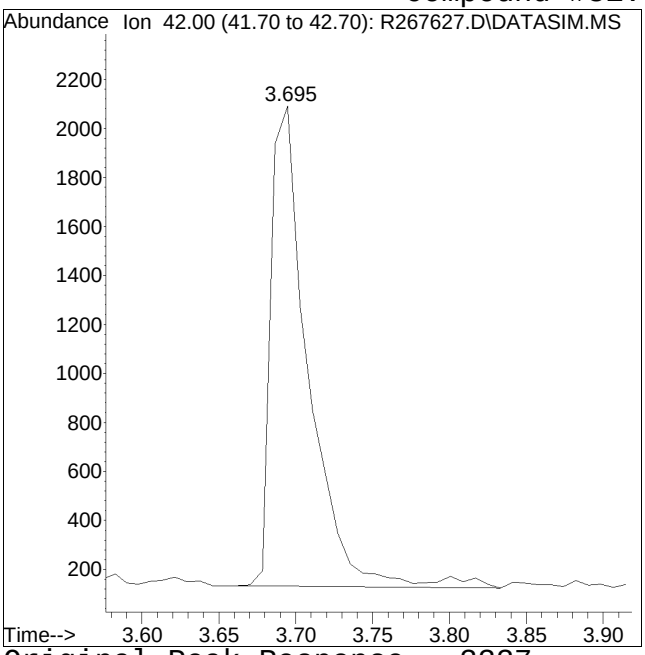
Manual Peak Response = 7782 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

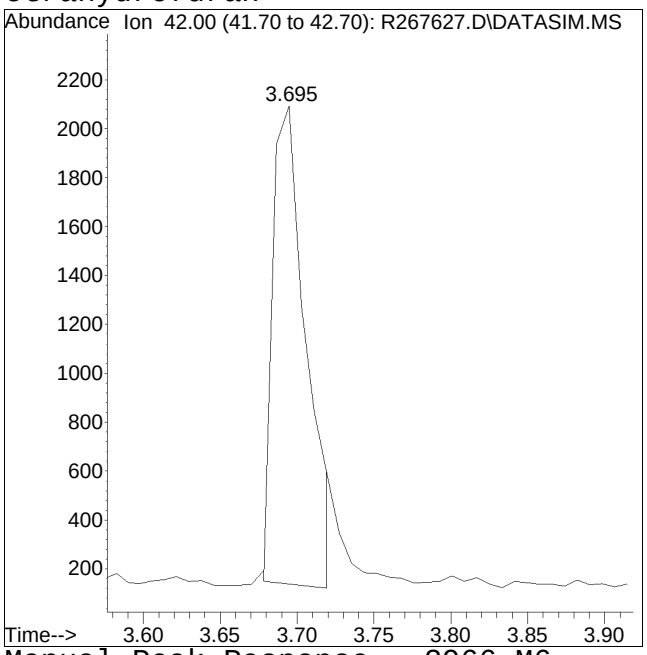
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 3337



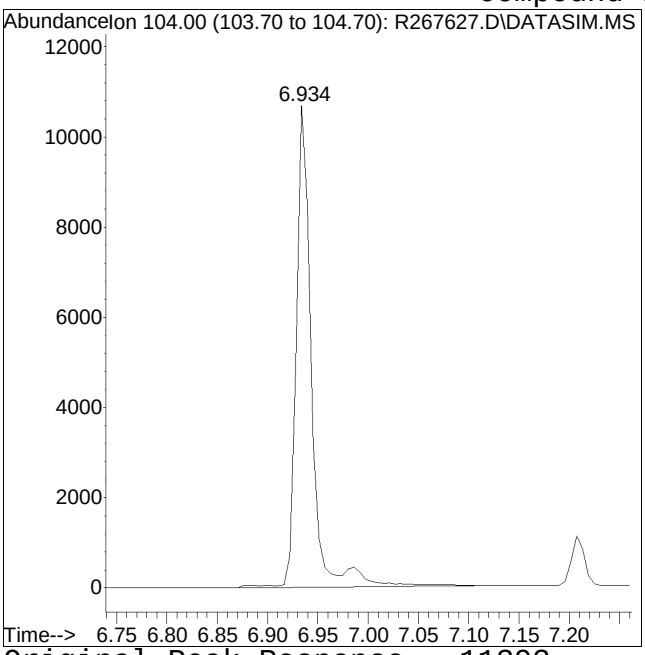
Manual Peak Response = 2966 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

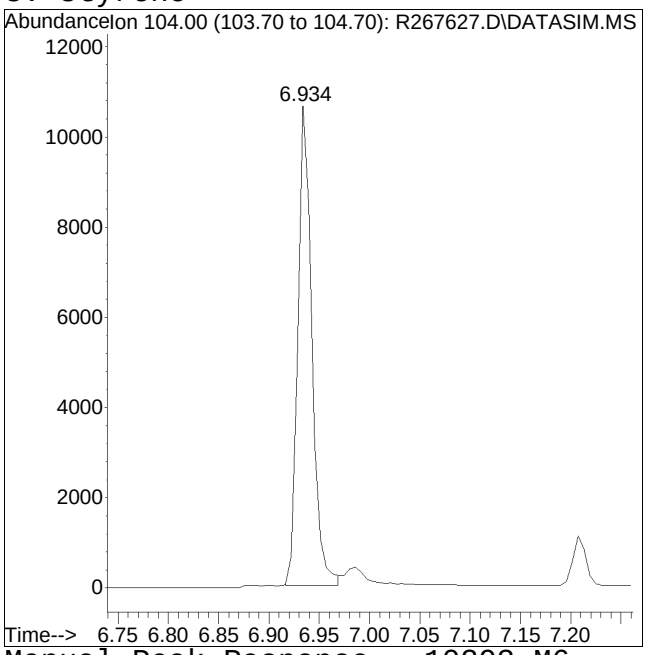
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #63: styrene



Original Peak Response = 11393



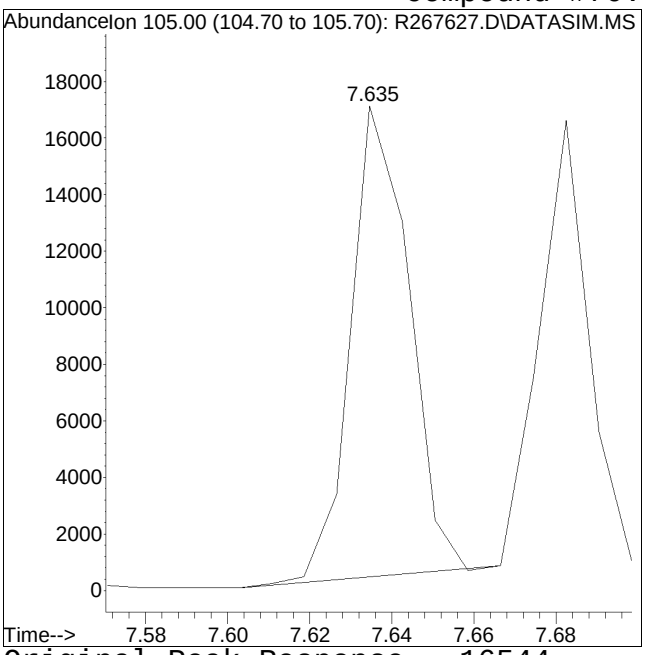
Manual Peak Response = 10293 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

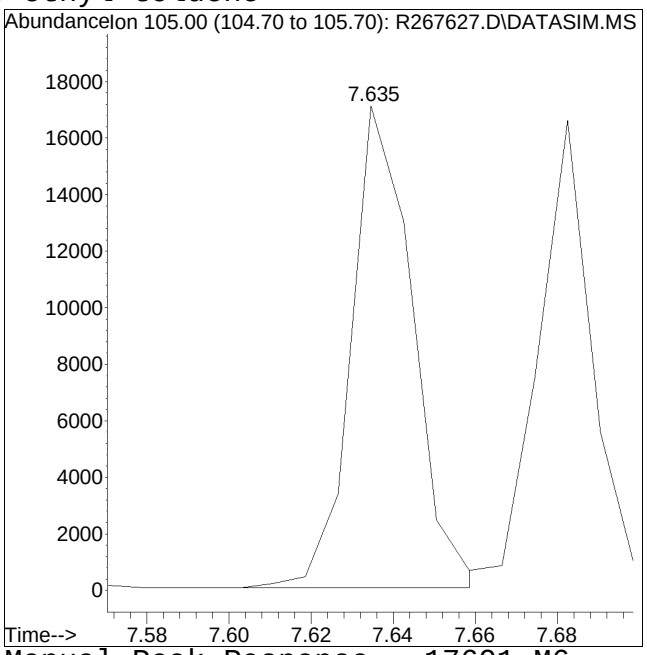
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 16544



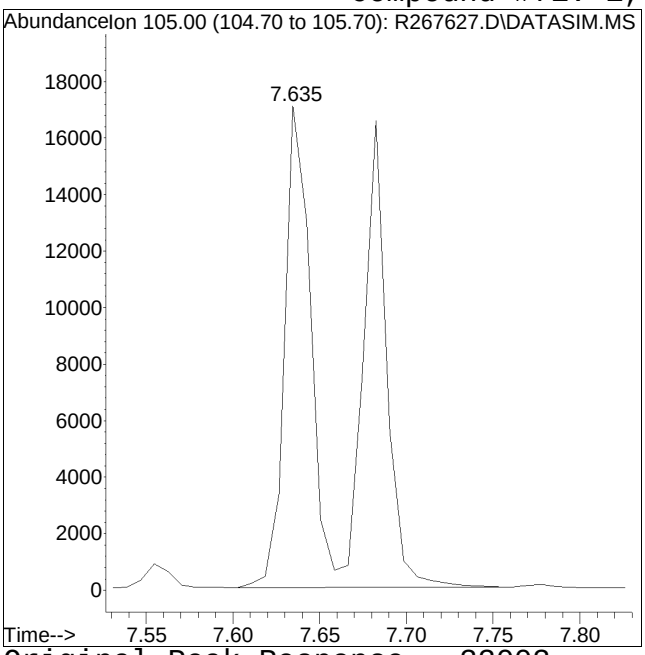
Manual Peak Response = 17691 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

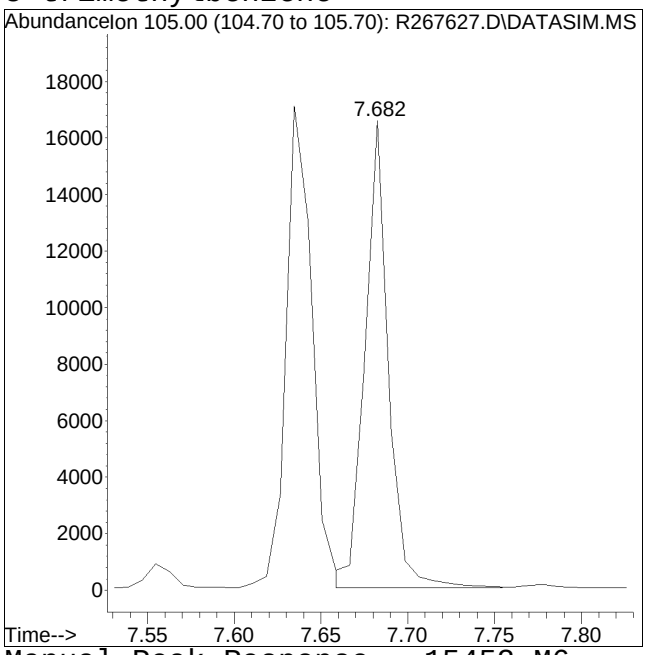
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 33003



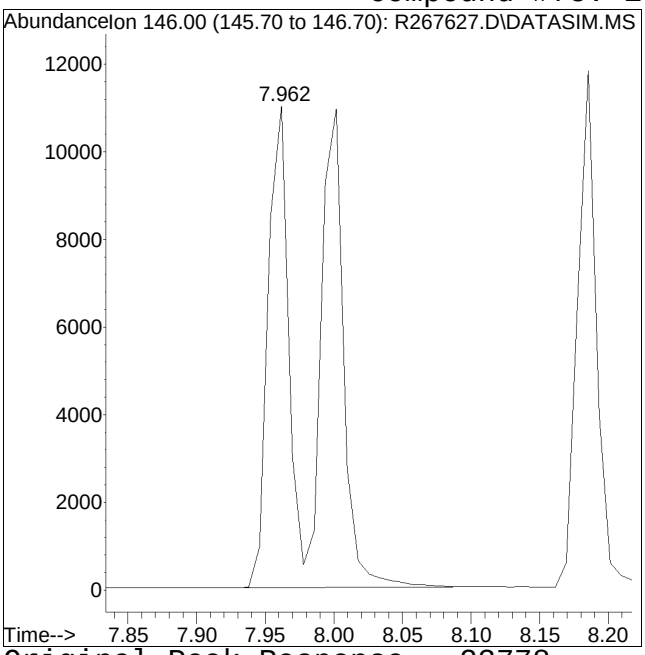
Manual Peak Response = 15452 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

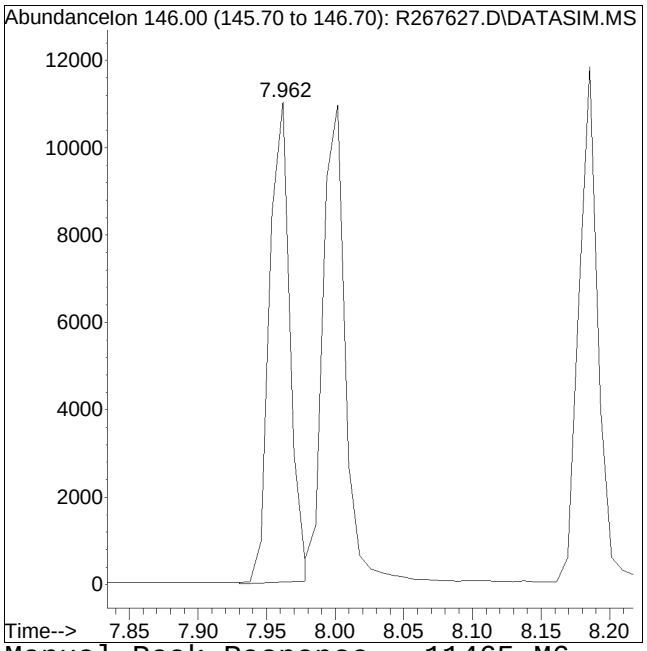
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 23778



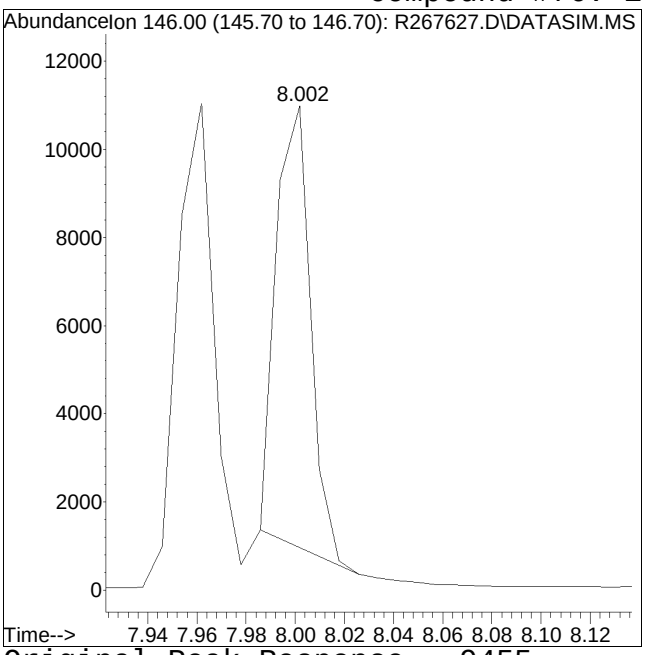
Manual Peak Response = 11465 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

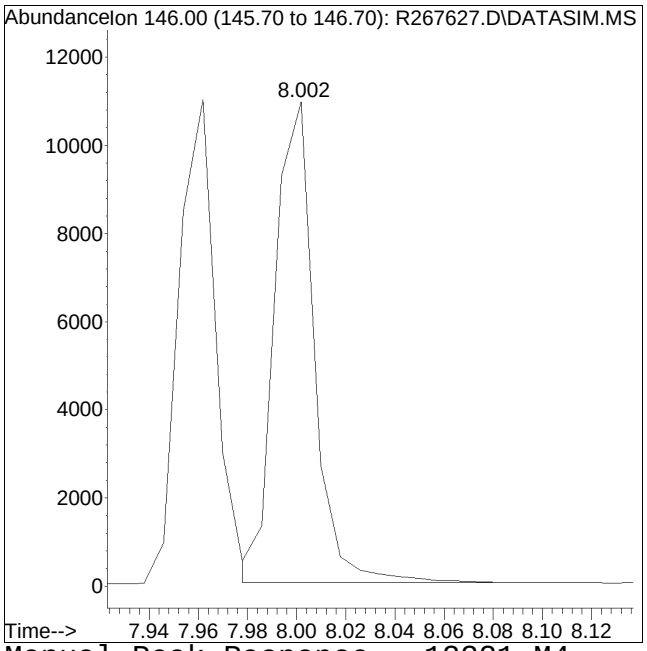
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 9455



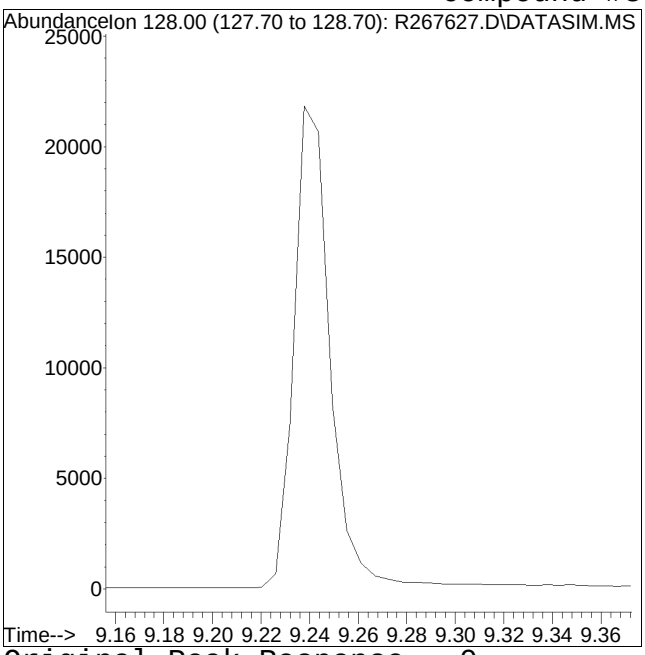
Manual Peak Response = 12221 M4

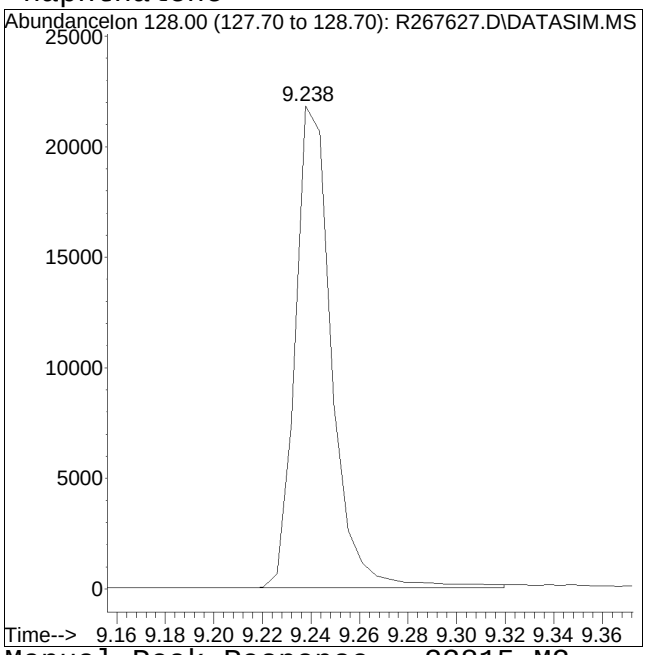
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267627.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 10:38 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.2 Quant Date : 1/8/2026 6:25 am

Compound #83: naphthalene





Original Peak Response = 0 Manual Peak Response = 22815 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267628.D
Acq On : 07 Jan 2026 11:13 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.5
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:29 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.426	49	200642	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 102.06%			
33) 1,4-difluorobenzene	4.324	114	675927	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 102.57%			
51) chlorobenzene-D5	6.439	54	91406	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 100.42%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	146758	10.154	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.54%			
53) toluene-D8	5.515	98	543527	10.229	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.29%			
67) bromofluorobenzene	7.207	95	338684	10.515	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.15%			
Target Compounds						Qvalue
2) propylene	1.933	41	7611M4	0.598	ppbV	
3) dichlorodifluoromethane	1.955	85	23017	0.560	ppbV	100
4) chloromethane	1.999	50	7888M6	0.472	ppbV	
5) Freon-114	2.026	85	25376	0.568	ppbV	100
6) vinyl chloride	2.059	62	9543	0.564	ppbV	98
7) 1,3-butadiene	2.098	54	6166	0.591	ppbV	98
8) bromomethane	2.175	94	8909	0.559	ppbV	98
9) chloroethane	2.224	64	5189	0.554	ppbV	92
10) ethanol	2.262	31	18562	2.598	ppbV	99
11) vinyl bromide	2.329	106	9362	0.599	ppbV	98
12) acrolein	2.363	56	4019M6	0.522	ppbV	
13) acetone	2.403	43	51208	3.000	ppbV #	99
14) trichlorofluoromethane	2.448	101	21044	0.563	ppbV	99
15) isopropyl alcohol	2.471	45	32208	1.793	ppbV	100
16) acrylonitrile	2.533	53	6791M6	0.544	ppbV	
17) 1,1-dichloroethene	2.629	61	13125	0.569	ppbV	98
18) tertiary butyl alcohol	2.648	59	15101	0.551	ppbV #	89
19) methylene chloride	2.662	49	8515M4	0.526	ppbV	
20) 3-chloropropene	2.701	41	7586	0.541	ppbV #	1
21) carbon disulfide	2.753	76	24127	0.586	ppbV	96
22) Freon 113	2.753	101	18917	0.565	ppbV	99
23) trans-1,2-dichloroethene	2.967	61	11185	0.576	ppbV	99
24) 1,1-dichloroethane	3.042	63	14926	0.555	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267628.D
Acq On : 07 Jan 2026 11:13 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.5
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:29 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.077	73	21786	0.585	ppbV	#	48
26) vinyl acetate	3.108	43	11663M6	0.429	ppbV		
27) 2-butanone	3.206	43	15110M4	0.478	ppbV		
28) cis-1,2-dichloroethene	3.366	61	12400	0.543	ppbV		99
29) Ethyl Acetate	3.493	61	4131M6	0.790	ppbV		
30) chloroform	3.493	83	19213	0.555	ppbV	#	100
31) Tetrahydrofuran	3.679	42	6805M6	0.518	ppbV		
32) 1,2-dichloroethane	3.809	62	10826	0.544	ppbV	#	81
34) hexane	3.471	57	15900	0.707	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	18193	0.534	ppbV	#	15
37) benzene	4.126	78	31148	0.548	ppbV	#	100
38) carbon tetrachloride	4.201	117	17426	0.531	ppbV	#	30
39) cyclohexane	4.258	56	13450	0.568	ppbV	#	1
40) Dibromomethane	4.503	93	11472	0.516	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	10922	0.535	ppbV	#	1
42) bromodichloromethane	4.616	83	18805	0.547	ppbV	#	100
43) 1,4-dioxane	4.672	88	5980	0.564	ppbV	#	1
44) trichloroethene	4.644	130	15118	0.568	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	41695	0.591	ppbV	#	58
46) heptane	4.823	43	13384	0.562	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	15245	0.521	ppbV	#	100
48) 4-methyl-2-pentanone	5.124	43	17334M3	0.528	ppbV		
49) trans-1,3-dichloropropene	5.356	75	11444	0.521	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	13005	0.522	ppbV	#	1
52) toluene	5.563	91	37168	0.551	ppbV		100
54) 2-hexanone	5.747	43	15136M6	0.485	ppbV		
55) dibromochloromethane	5.763	129	17930	0.533	ppbV		99
56) 1,2-dibromoethane	5.882	107	18967	0.536	ppbV		100
57) tetrachloroethene	6.130	166	16718	0.554	ppbV		99
58) 1,1,1,2-tetrachloroethane	6.461	131	14132	0.504	ppbV	#	100
59) chlorobenzene	6.461	112	29835	0.542	ppbV	#	89
60) ethylbenzene	6.668	91	46074	0.530	ppbV		98
61) m+p-xylene	6.761	91	74442	1.100	ppbV		99
62) bromoform	6.756	173	15289	0.511	ppbV		100
63) styrene	6.934	104	25769	0.500	ppbV		99
64) 1,1,2,2-tetrachloroethane	6.980	83	27069	0.522	ppbV		100
65) o-xylene	6.986	91	36042	0.548	ppbV		98
66) 1,2,3-Trichloropropane	7.044	75	19777	0.503	ppbV		99
68) isopropylbenzene	7.295	105	53421	0.537	ppbV		98
69) Bromobenzene	7.301	77	32480	0.516	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267628.D
Acq On : 07 Jan 2026 11:13 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.5
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:29 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

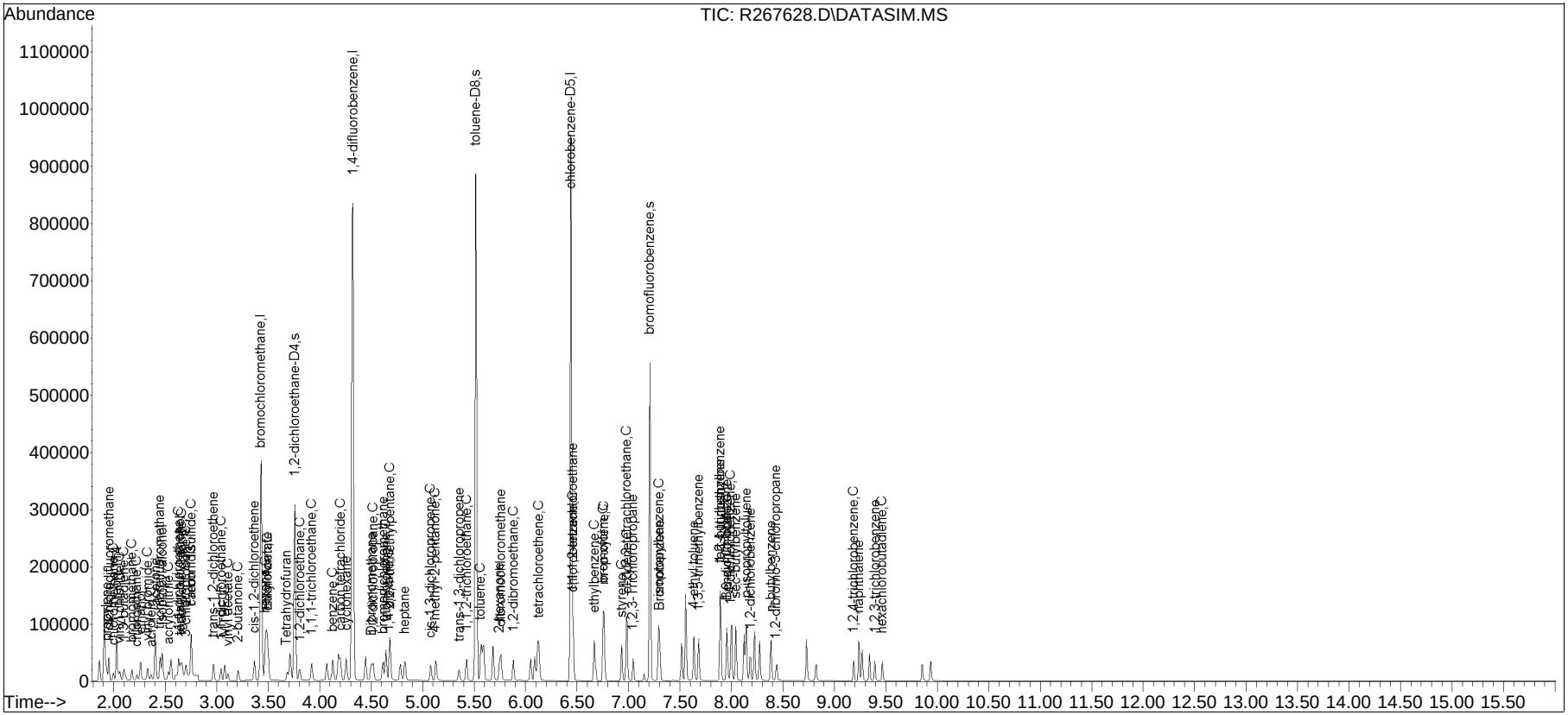
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	7.635	105	45585M6	0.512	ppbV	
71) 1,3,5-trimethylbenzene	7.683	105	37436M6	0.514	ppbV	
72) tert-butylbenzene	7.890	119	42506	0.489	ppbV	99
73) 1,2,4-trimethylbenzene	7.890	105	38993	0.498	ppbV	99
74) Benzyl Chloride	7.954	91	28199	0.444	ppbV	99
75) 1,3-dichlorobenzene	7.954	146	28901M4	0.489	ppbV	
76) 1,4-dichlorobenzene	7.994	146	29396M4	0.501	ppbV	
77) sec-butylbenzene	8.042	105	60894	0.491	ppbV	99
78) p-isopropyltoluene	8.146	119	52091	0.472	ppbV	99
79) 1,2-dichlorobenzene	8.186	146	28092	0.491	ppbV	100
80) n-butylbenzene	8.385	91	46891	0.451	ppbV	99
81) 1,2-dibromo-3-chloropr...	8.433	75	10221	0.386	ppbV	99
82) 1,2,4-trichlorobenzene	9.189	180	21776	0.391	ppbV	100
83) naphthalene	9.236	128	58887	0.400	ppbV	98
84) 1,2,3-trichlorobenzene	9.394	180	19231	0.298	ppbV	99
85) hexachlorobutadiene	9.464	225	13787	0.364	ppbV	99

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267628.D
Acq On : 07 Jan 2026 11:13 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD0.5
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:25:29 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

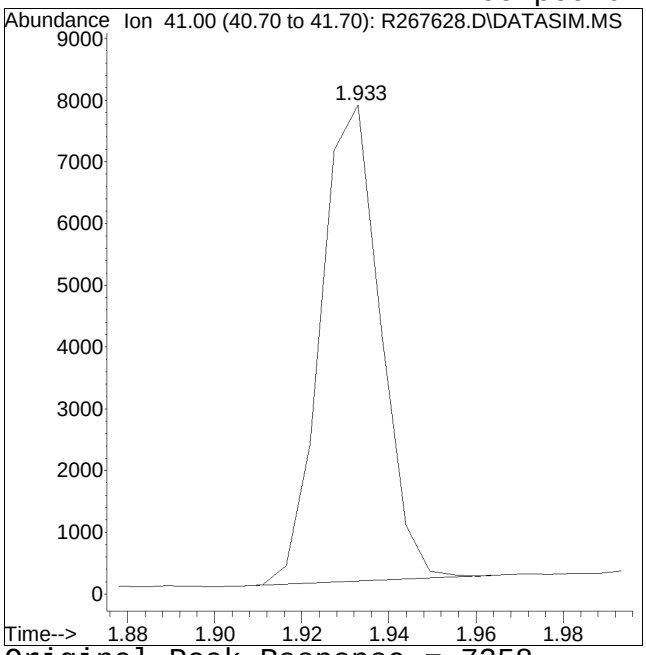


Manual Integration Report

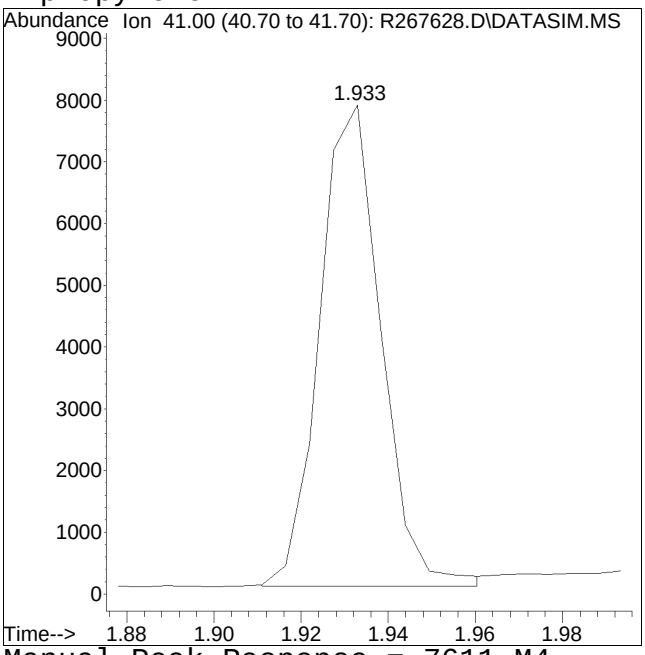
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267628.D
Date Inj'd : 1/7/2026 11:13 pm
Sample : ITO15-LLSTD0.5

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #2: propylene



Original Peak Response = 7358



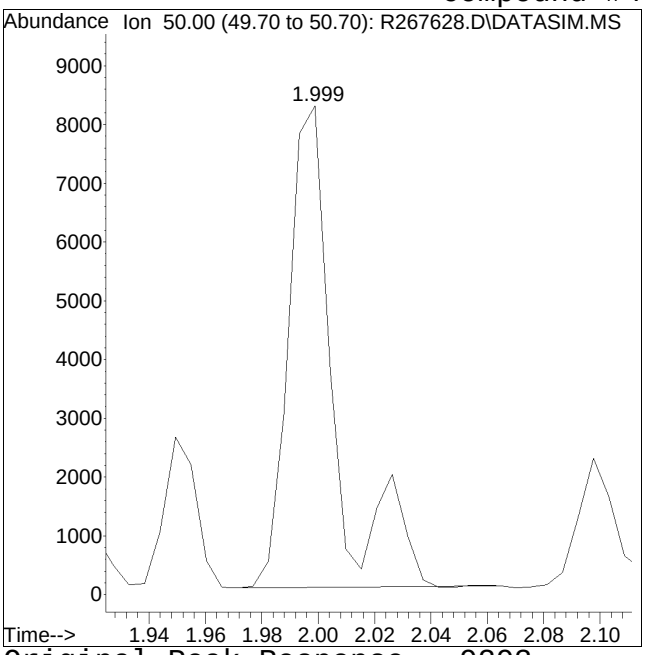
Manual Peak Response = 7611 M4

M4 = Poor automated baseline construction.

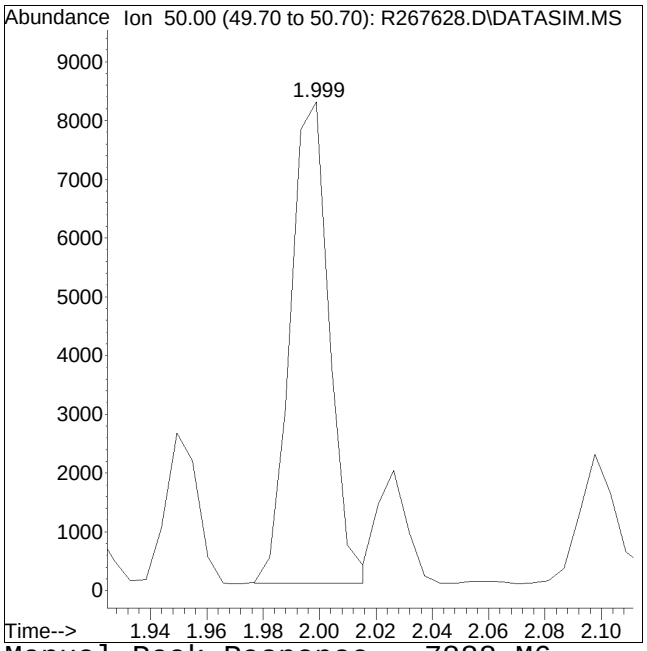
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 9293



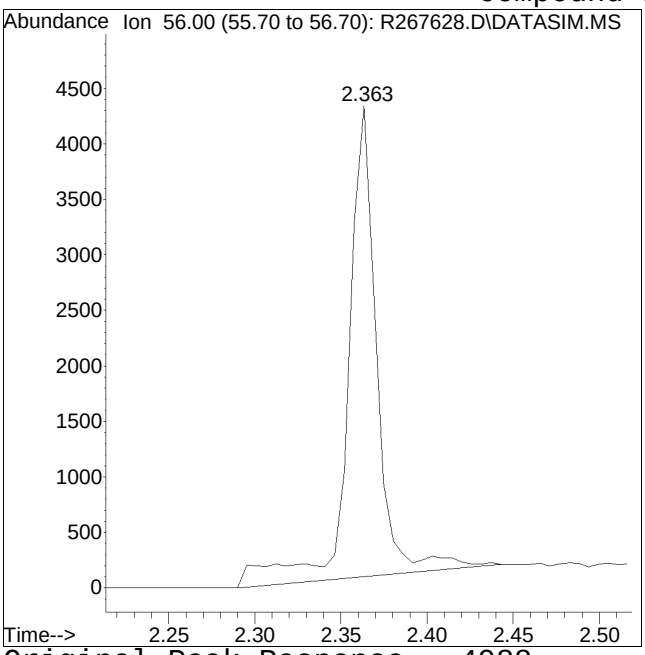
Manual Peak Response = 7888 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

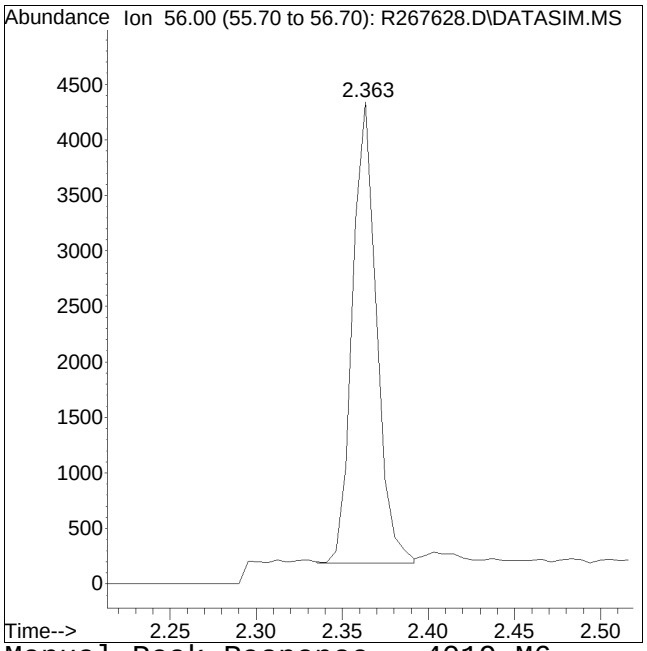
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #12: acrolein



Original Peak Response = 4988



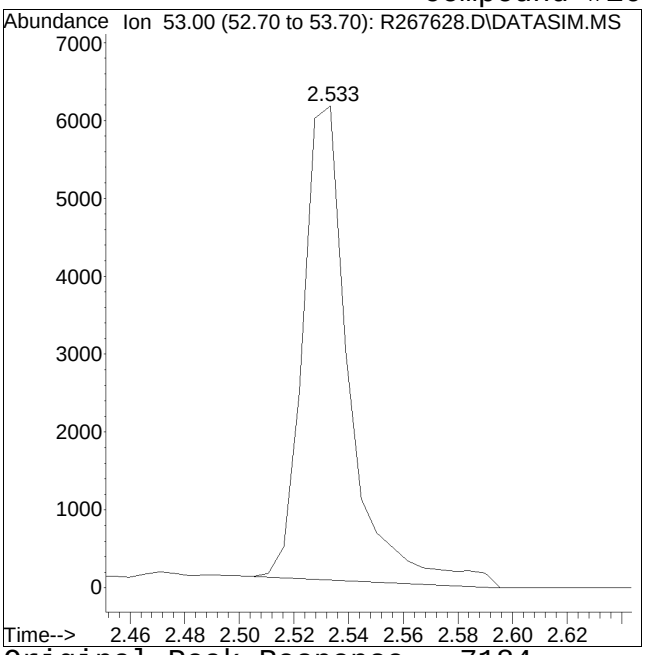
Manual Peak Response = 4019 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

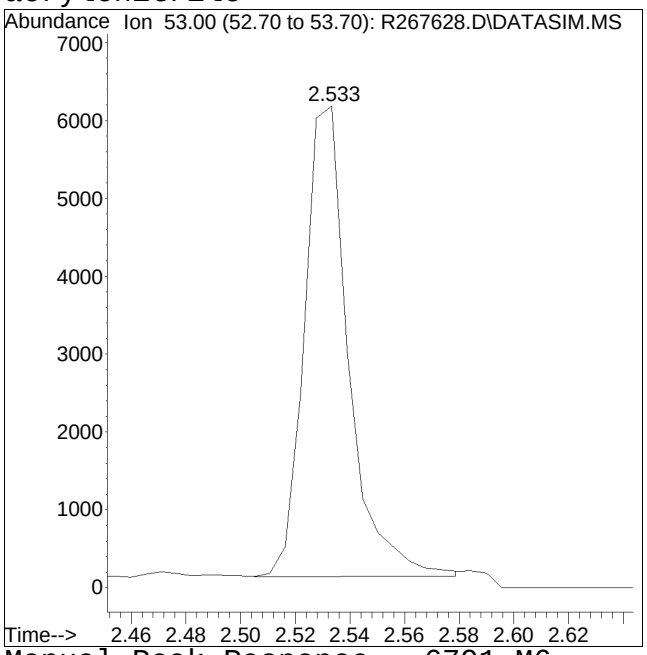
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #16: acrylonitrile



Original Peak Response = 7184



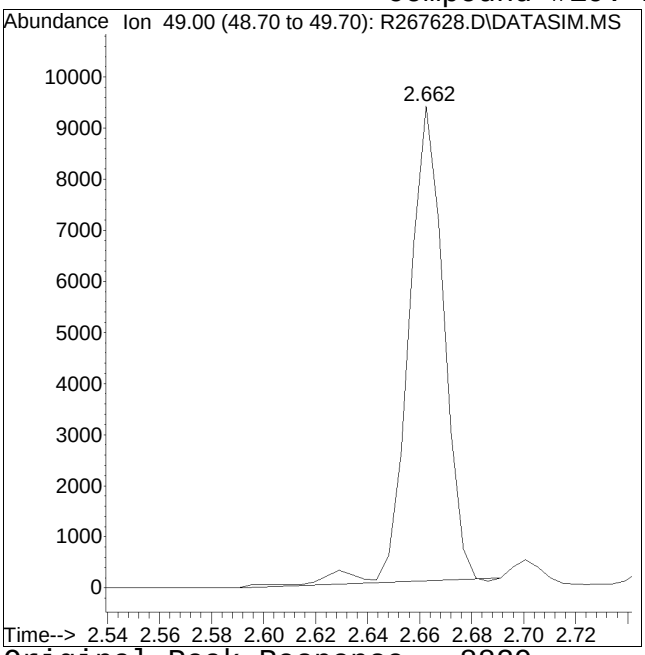
Manual Peak Response = 6791 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

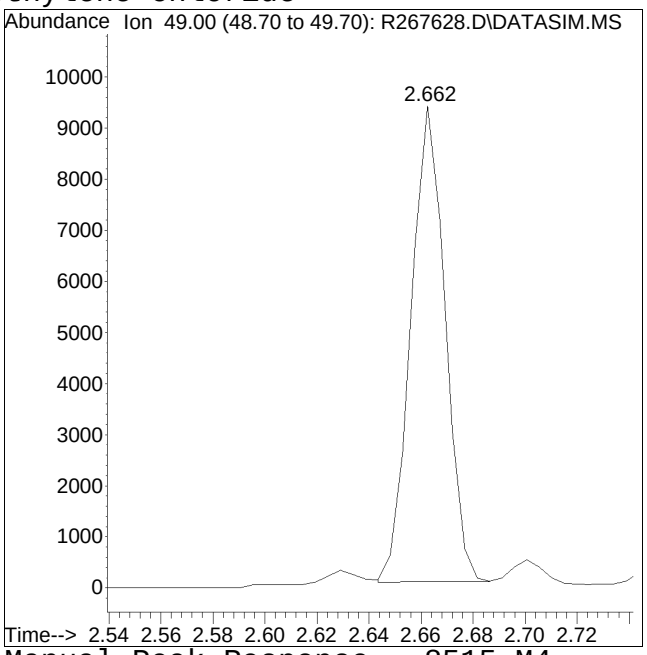
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #19: methylene chloride



Original Peak Response = 8829



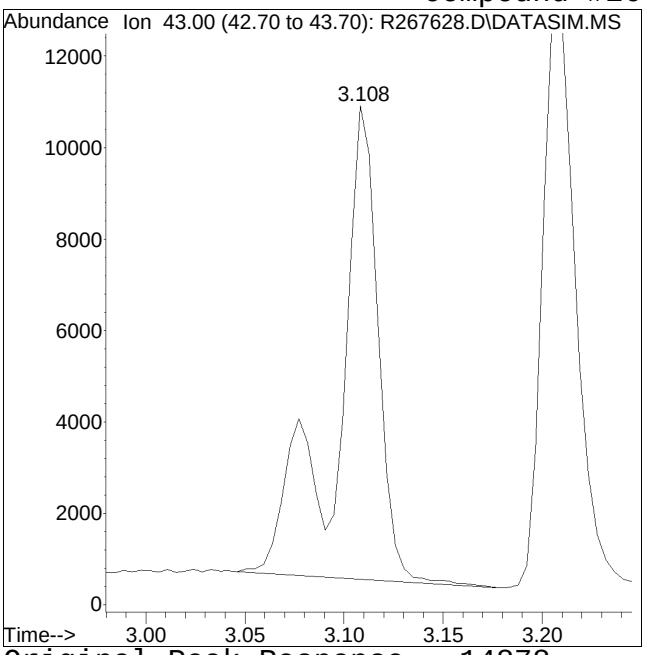
Manual Peak Response = 8515 M4

M4 = Poor automated baseline construction.

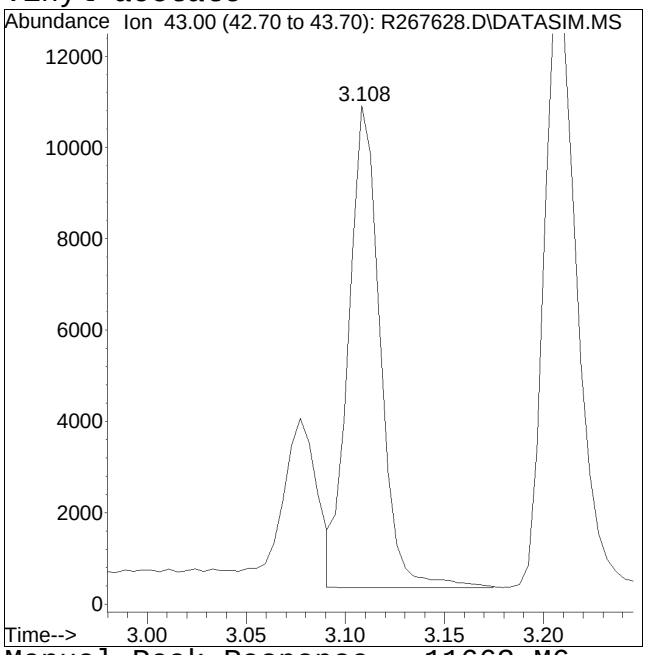
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 14878



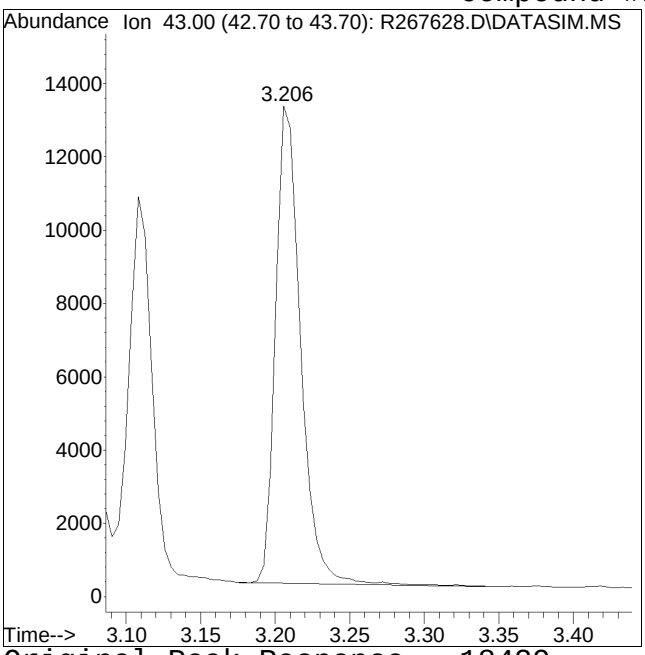
Manual Peak Response = 11663 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

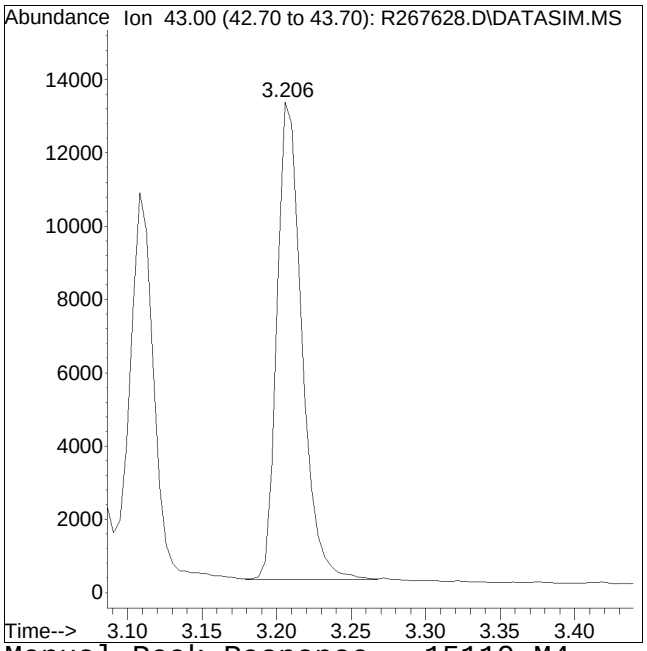
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #27: 2-butanone



Original Peak Response = 18429



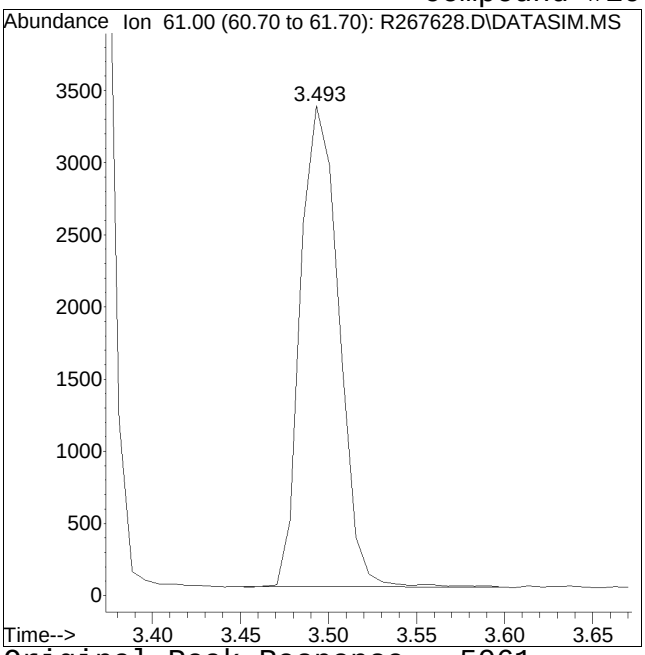
Manual Peak Response = 15110 M4

M4 = Poor automated baseline construction.

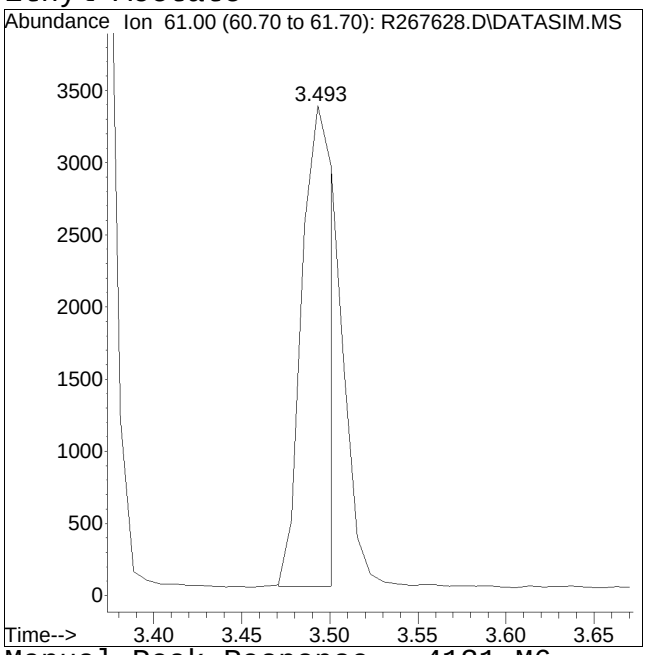
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 5061



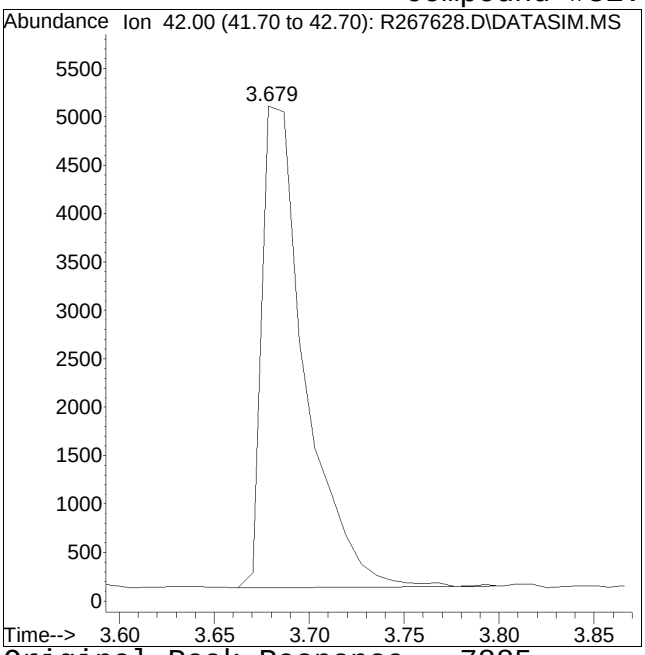
Manual Peak Response = 4131 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

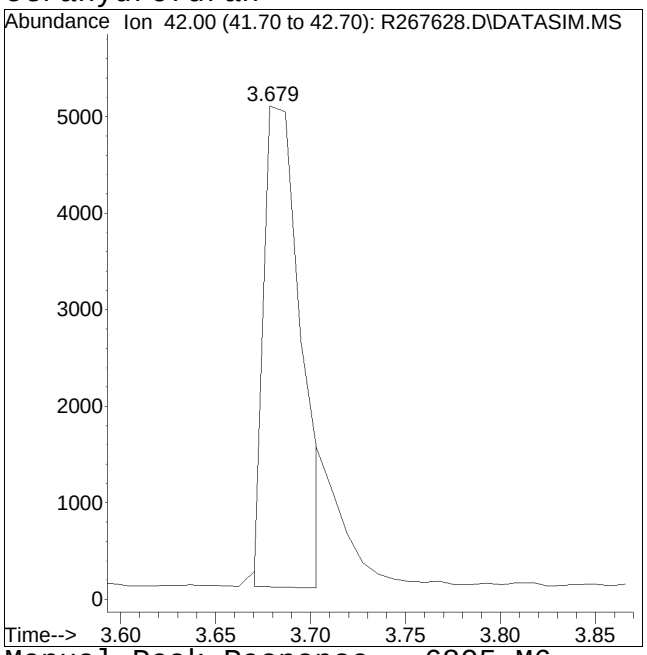
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 7885



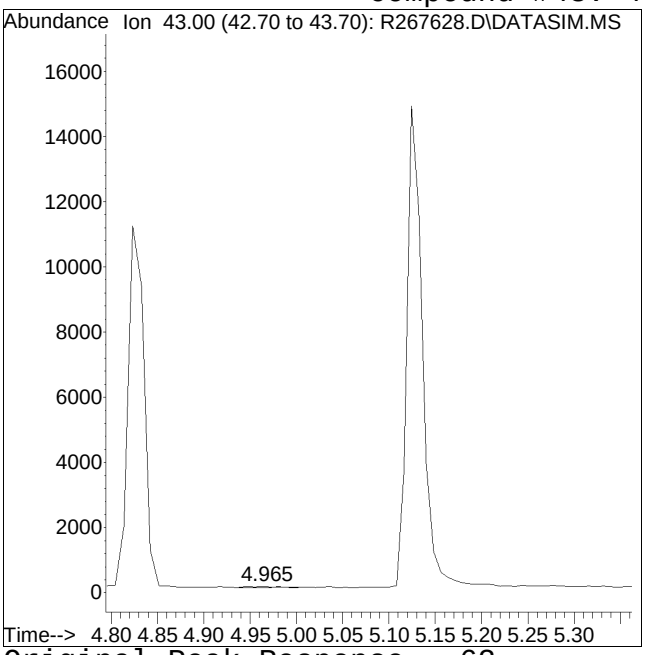
Manual Peak Response = 6805 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

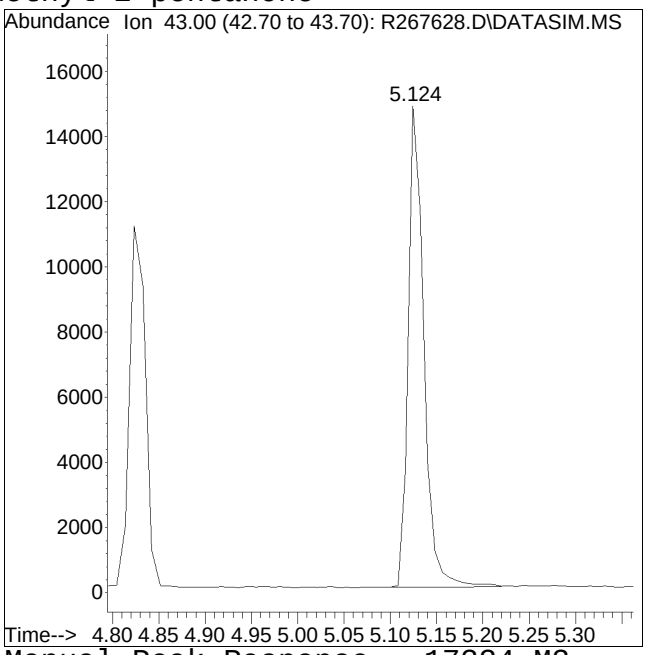
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #48: 4-methyl-2-pentanone



Original Peak Response = 62



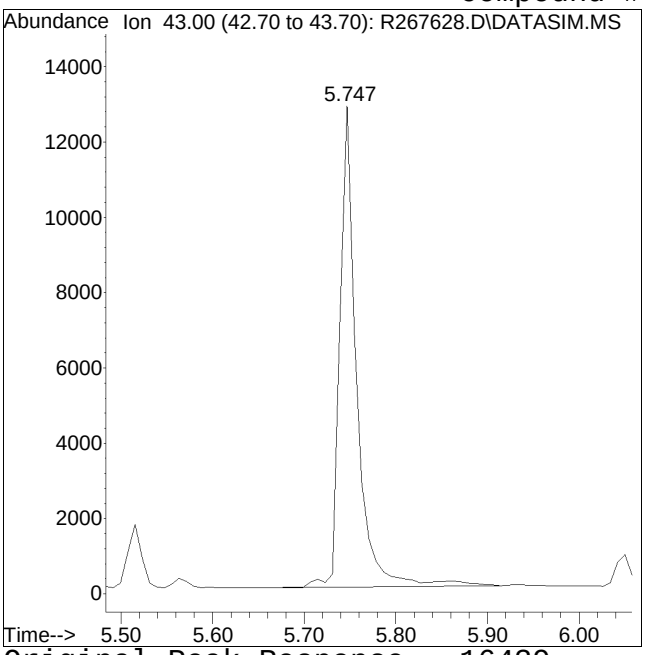
Manual Peak Response = 17334 M3

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.

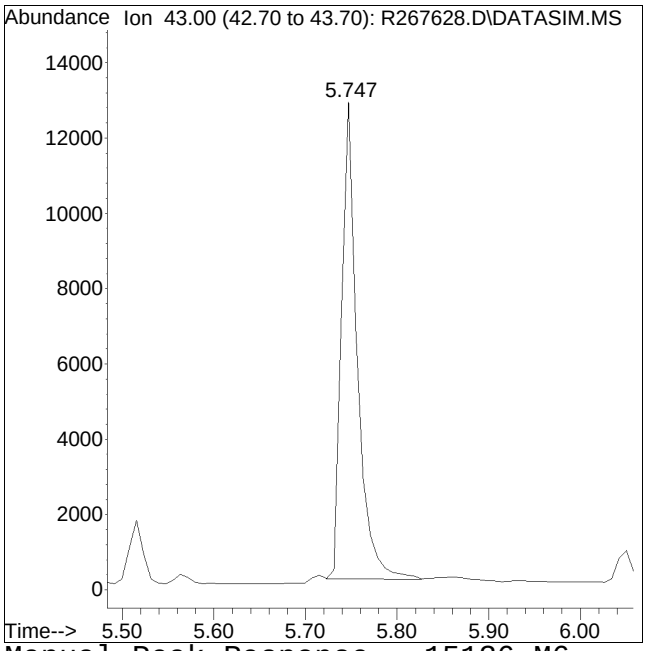
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #54: 2-hexanone



Original Peak Response = 16439



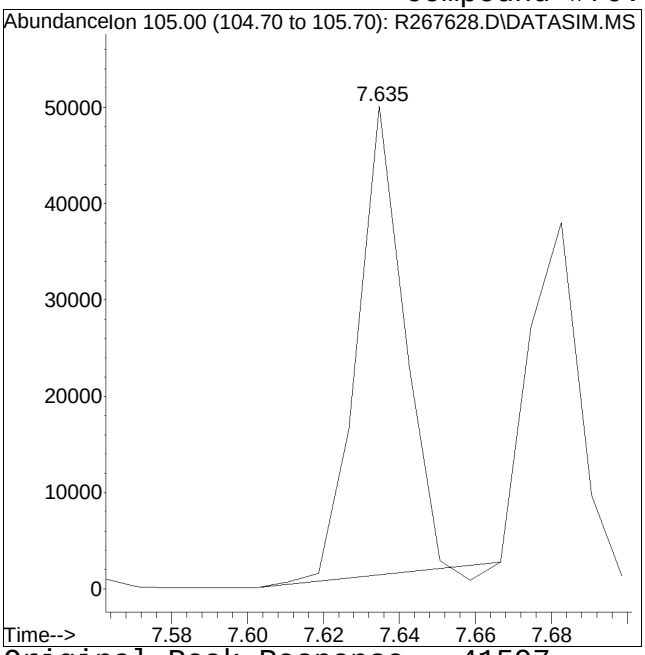
Manual Peak Response = 15136 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

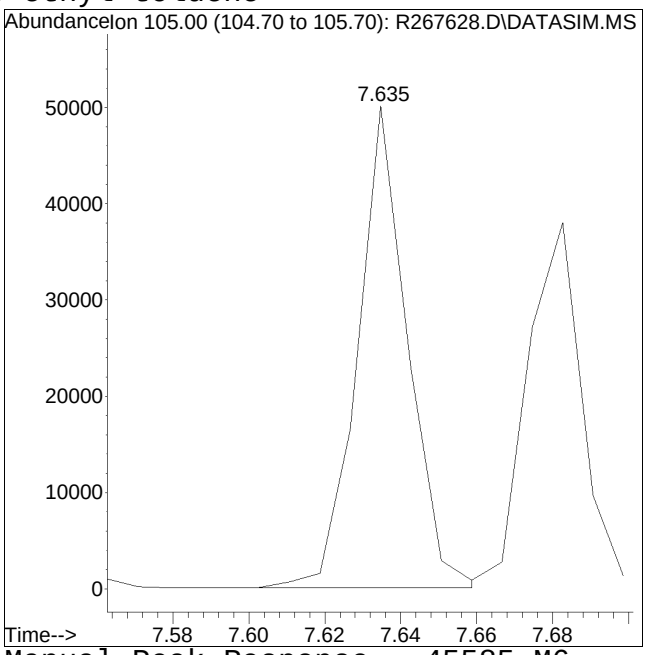
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 41597



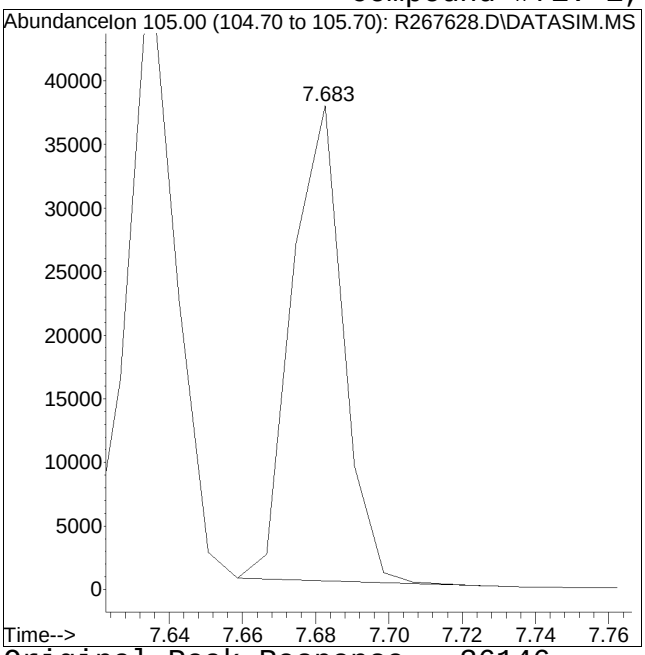
Manual Peak Response = 45585 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

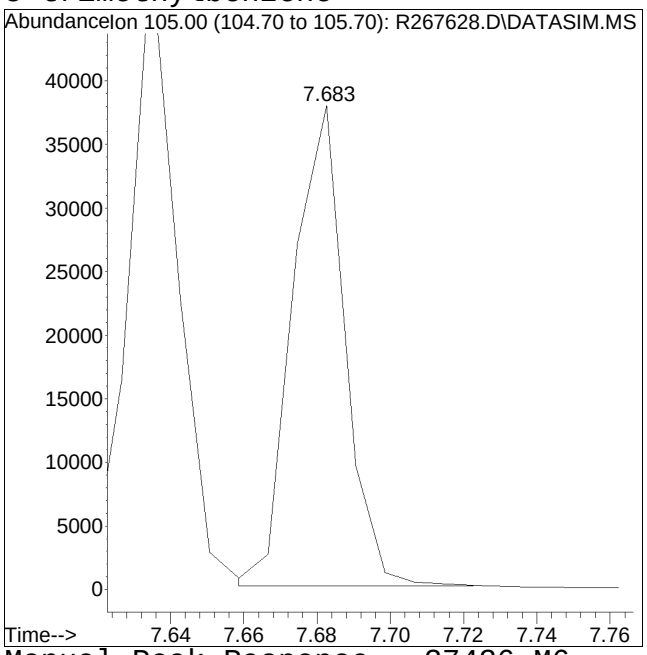
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 36146



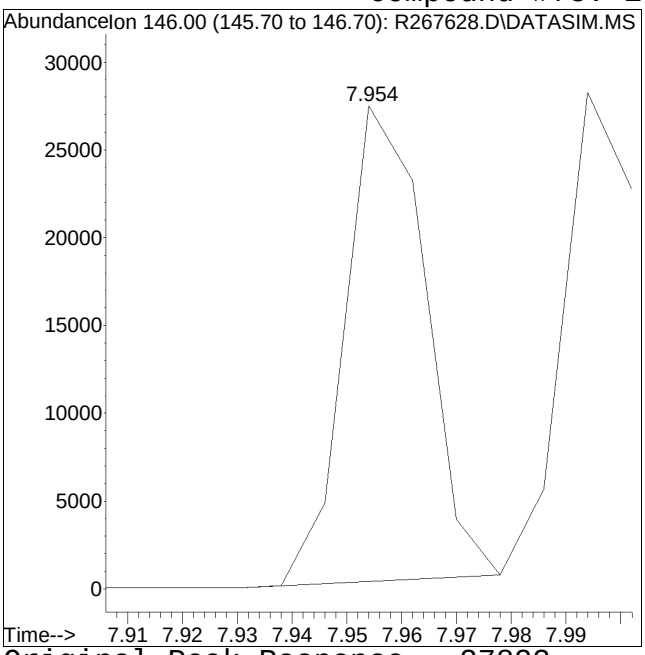
Manual Peak Response = 37436 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

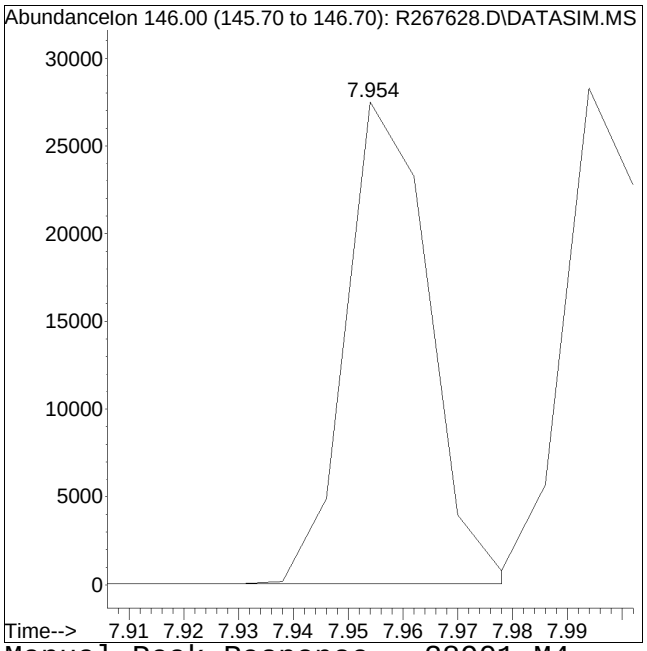
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 27822



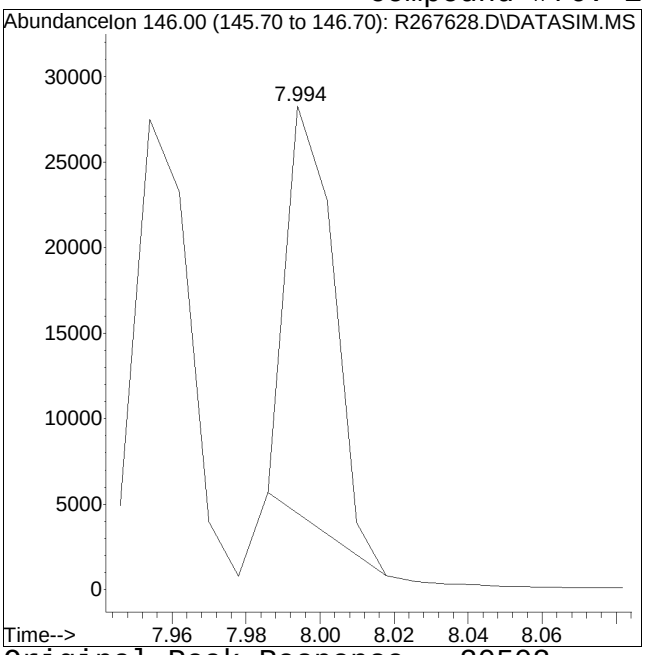
Manual Peak Response = 28901 M4

M4 = Poor automated baseline construction.

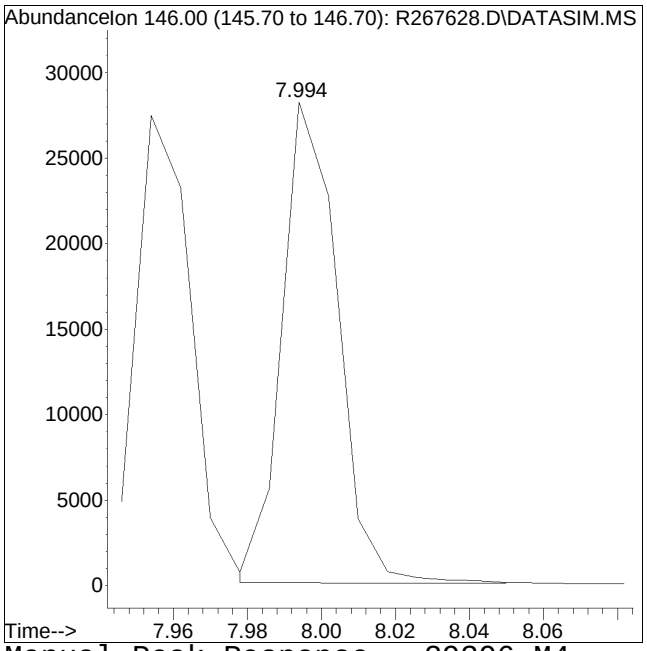
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267628.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:13 pm Instrument : Airlab26
Sample : ITO15-LLSTD0.5 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 20502



Manual Peak Response = 29396 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267629.D
Acq On : 07 Jan 2026 11:50 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD1.0
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:24:27 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:11 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	202556	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 103.03%			
33) 1,4-difluorobenzene	4.324	114	675716	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 102.53%			
51) chlorobenzene-D5	6.439	54	90318	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 99.22%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	146862	10.164	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.64%			
53) toluene-D8	5.515	98	540431	10.293	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.93%			
67) bromofluorobenzene	7.207	95	325817	10.237	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.37%			
Target Compounds						Qvalue
2) propylene	1.933	41	14621	1.138	ppbV	99
3) dichlorodifluoromethane	1.955	85	45963	1.107	ppbV	100
4) chloromethane	1.999	50	15708M6	0.931	ppbV	
5) Freon-114	2.032	85	50031	1.109	ppbV	100
6) vinyl chloride	2.065	62	18872	1.105	ppbV	100
7) 1,3-butadiene	2.103	54	12130	1.152	ppbV	100
8) bromomethane	2.180	94	17521	1.090	ppbV	96
9) chloroethane	2.229	64	10218	1.080	ppbV	98
10) ethanol	2.262	31	37151	5.150	ppbV	99
11) vinyl bromide	2.329	106	18009	1.141	ppbV	99
12) acrolein	2.363	56	7945M6	1.022	ppbV	
13) acetone	2.403	43	101652	5.900	ppbV #	99
14) trichlorofluoromethane	2.454	101	41621	1.103	ppbV	100
15) isopropyl alcohol	2.471	45	66016	3.640	ppbV	100
16) acrylonitrile	2.533	53	13878	1.101	ppbV	99
17) 1,1-dichloroethene	2.634	61	25713	1.104	ppbV	100
18) tertiary butyl alcohol	2.648	59	31215	1.128	ppbV #	95
19) methylene chloride	2.667	49	17206	1.054	ppbV	94
20) 3-chloropropene	2.705	41	15194	1.073	ppbV #	1
21) carbon disulfide	2.758	76	47463	1.142	ppbV	97
22) Freon 113	2.758	101	37223	1.102	ppbV	99
23) trans-1,2-dichloroethene	2.971	61	22160	1.129	ppbV	100
24) 1,1-dichloroethane	3.046	63	29806	1.097	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267629.D
Acq On : 07 Jan 2026 11:50 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD1.0
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:24:27 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:11 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.082	73	42846	1.140	ppbV	#	43
26) vinyl acetate	3.113	43	26394M6	0.963	ppbV		
27) 2-butanone	3.206	43	37051	1.160	ppbV		99
28) cis-1,2-dichloroethene	3.366	61	24337	1.056	ppbV		100
29) Ethyl Acetate	3.493	61	7597M6	1.440	ppbV		
30) chloroform	3.493	83	37830	1.083	ppbV	#	100
31) Tetrahydrofuran	3.679	42	14040M6	1.058	ppbV		
32) 1,2-dichloroethane	3.809	62	21476	1.069	ppbV	#	91
34) hexane	3.471	57	31459	1.399	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	36492	1.072	ppbV	#	17
37) benzene	4.126	78	60534	1.066	ppbV	#	100
38) carbon tetrachloride	4.201	117	34865	1.062	ppbV	#	29
39) cyclohexane	4.258	56	26581	1.123	ppbV	#	1
40) Dibromomethane	4.503	93	22376	1.007	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	21560	1.056	ppbV	#	1
42) bromodichloromethane	4.616	83	37268	1.084	ppbV	#	100
43) 1,4-dioxane	4.672	88	12506	1.179	ppbV	#	1
44) trichloroethene	4.644	130	29781	1.119	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	82020	1.162	ppbV	#	58
46) heptane	4.833	43	26608	1.117	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	31065	1.062	ppbV	#	100
48) 4-methyl-2-pentanone	5.124	43	35311	1.076	ppbV	#	59
49) trans-1,3-dichloropropene	5.356	75	22941	1.044	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	25902	1.039	ppbV	#	1
52) toluene	5.571	91	73966	1.110	ppbV		100
54) 2-hexanone	5.739	43	33976	1.102	ppbV	#	88
55) dibromochloromethane	5.763	129	36235	1.091	ppbV		100
56) 1,2-dibromoethane	5.882	107	37826	1.082	ppbV		99
57) tetrachloroethene	6.130	166	33122	1.110	ppbV		100
58) 1,1,1,2-tetrachloroethane	6.461	131	28133	1.014	ppbV	#	100
59) chlorobenzene	6.461	112	58776	1.080	ppbV		95
60) ethylbenzene	6.668	91	92546	1.077	ppbV		99
61) m+p-xylene	6.756	91	147062	2.199	ppbV		99
62) bromoform	6.756	173	30496	1.032	ppbV		100
63) styrene	6.934	104	53594M4	1.053	ppbV		
64) 1,1,2,2-tetrachloroethane	6.980	83	54053	1.056	ppbV		99
65) o-xylene	6.986	91	71265	1.097	ppbV		98
66) 1,2,3-Trichloropropane	7.044	75	39411	1.014	ppbV		99
68) isopropylbenzene	7.289	105	104434	1.062	ppbV		96
69) Bromobenzene	7.301	77	63943	1.028	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267629.D
Acq On : 07 Jan 2026 11:50 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD1.0
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 08 06:24:27 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:11 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

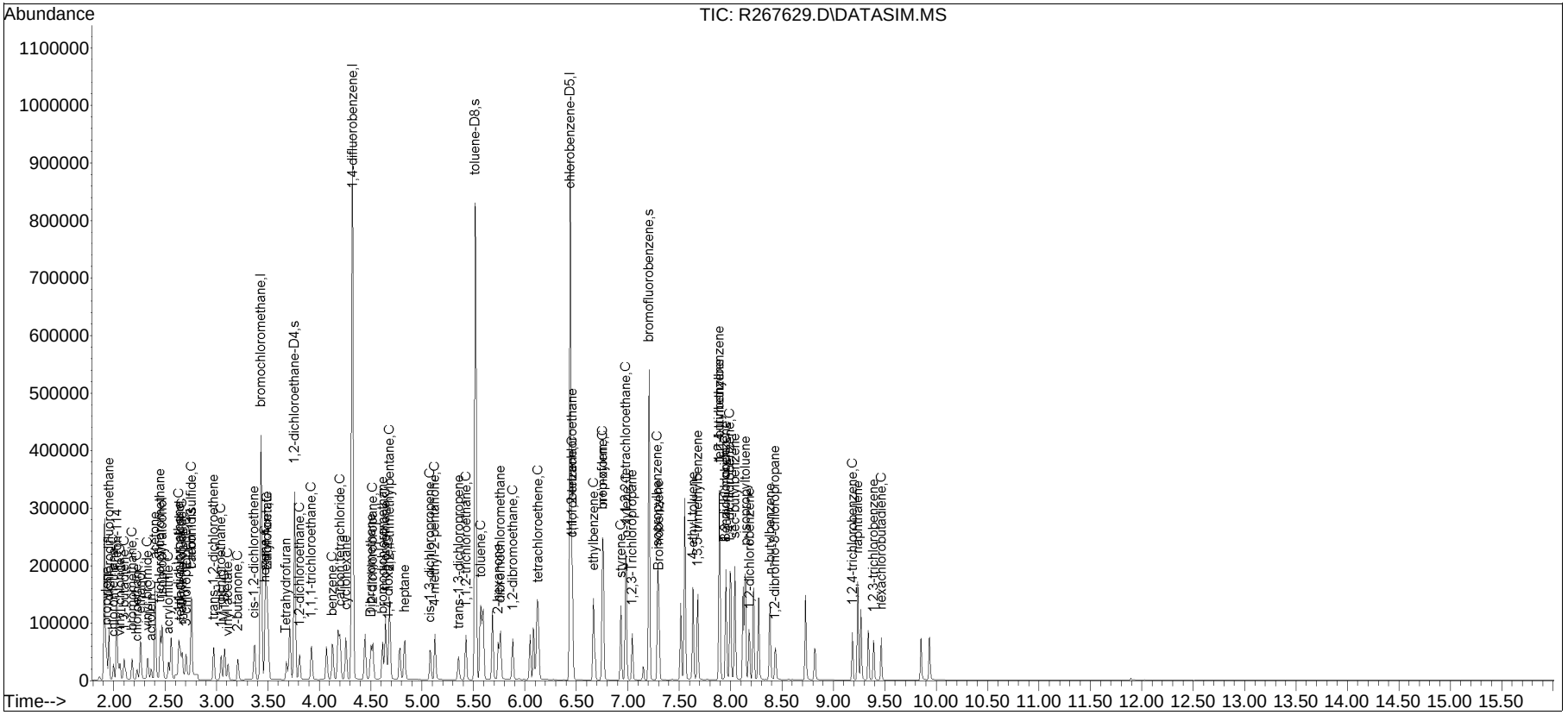
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	7.635	105	91847M6	1.044	ppbV	
71) 1,3,5-trimethylbenzene	7.683	105	75714M6	1.052	ppbV	
72) tert-butylbenzene	7.890	119	84925	0.989	ppbV	99
73) 1,2,4-trimethylbenzene	7.890	105	78491	1.015	ppbV	98
74) Benzyl Chloride	7.954	91	58447	0.932	ppbV	99
75) 1,3-dichlorobenzene	7.954	146	57958M4	0.992	ppbV	
76) 1,4-dichlorobenzene	7.994	146	57800M6	0.996	ppbV	
77) sec-butylbenzene	8.042	105	120567	0.984	ppbV	99
78) p-isopropyltoluene	8.146	119	105842	0.971	ppbV	98
79) 1,2-dichlorobenzene	8.185	146	55467	0.982	ppbV	99
80) n-butylbenzene	8.385	91	92682	0.902	ppbV	99
81) 1,2-dibromo-3-chloropr...	8.433	75	20948	0.800	ppbV	99
82) 1,2,4-trichlorobenzene	9.185	180	45734	0.831	ppbV	99
83) naphthalene	9.238	128	131515M2	0.904	ppbV	
84) 1,2,3-trichlorobenzene	9.390	180	39849	0.625	ppbV	99
85) hexachlorobutadiene	9.466	225	27631	0.739	ppbV	99

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267629.D
Acq On : 07 Jan 2026 11:50 pm
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD1.0
Misc : WG2163147
ALS Vial : 6 Sample Multiplier: 1

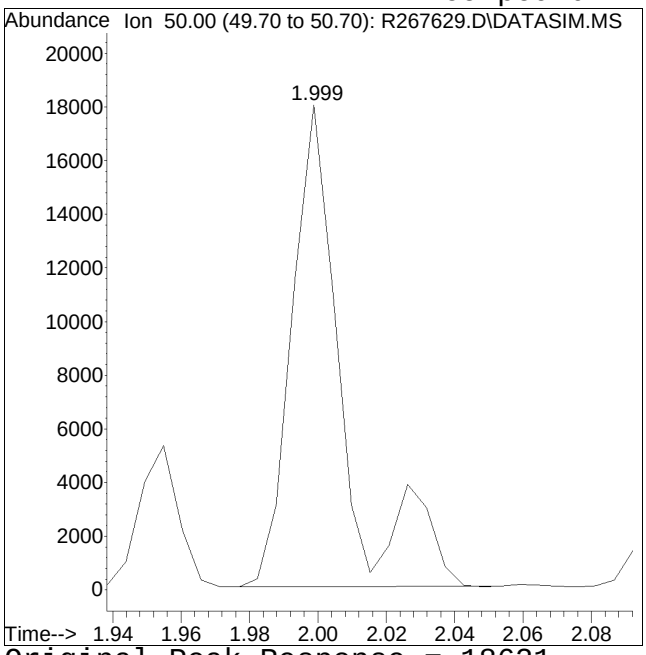
Quant Time: Jan 08 06:24:27 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:11 2026
Response via : Initial Calibration



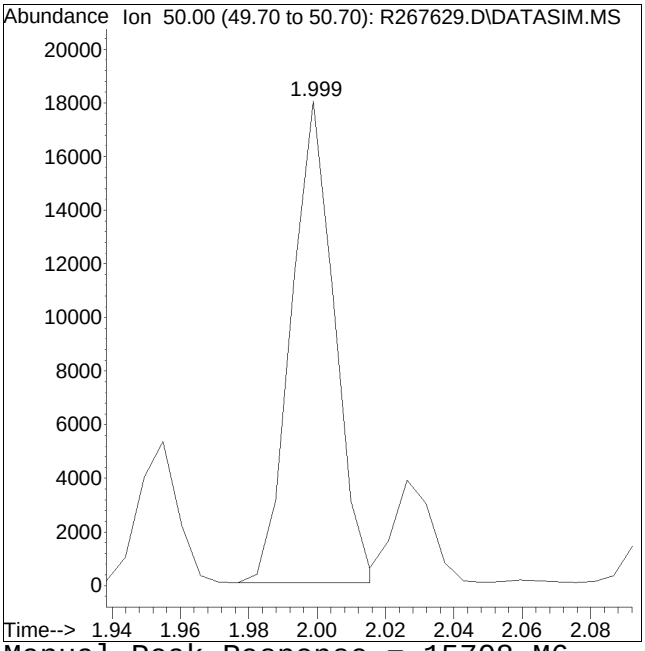
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #4: chloromethane



Original Peak Response = 18621



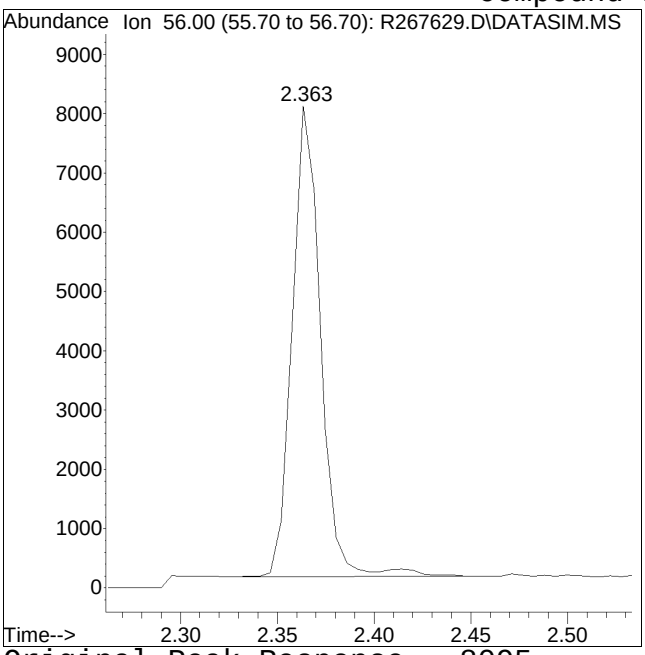
Manual Peak Response = 15708 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

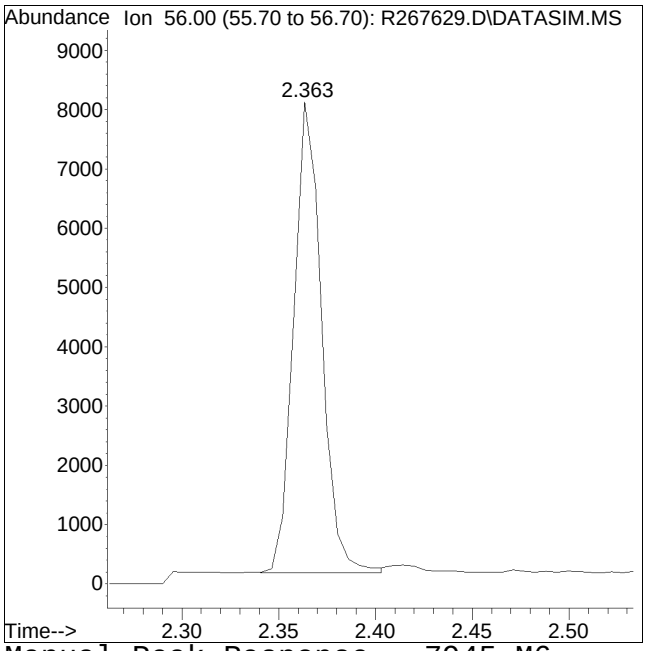
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #12: acrolein



Original Peak Response = 8095



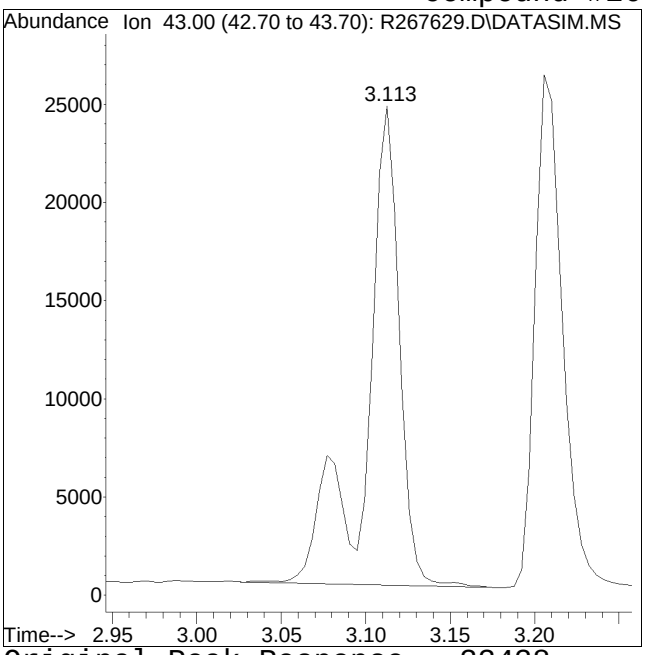
Manual Peak Response = 7945 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

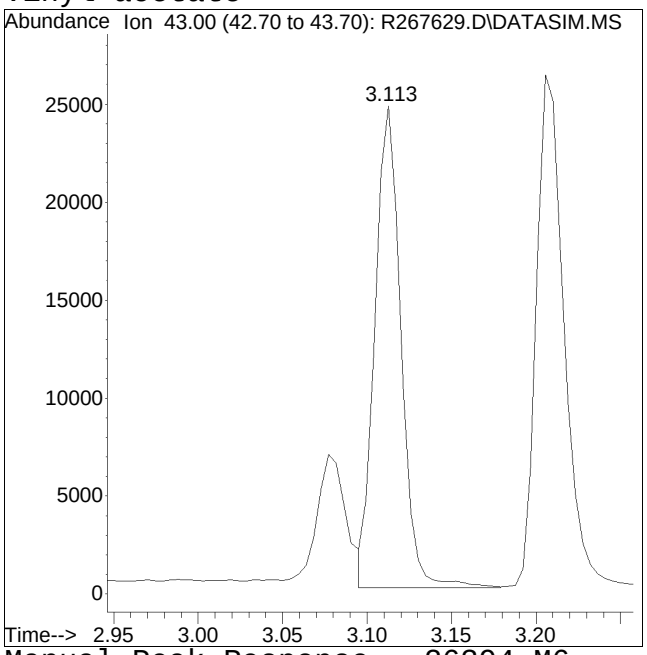
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #26: vinyl acetate



Original Peak Response = 33438



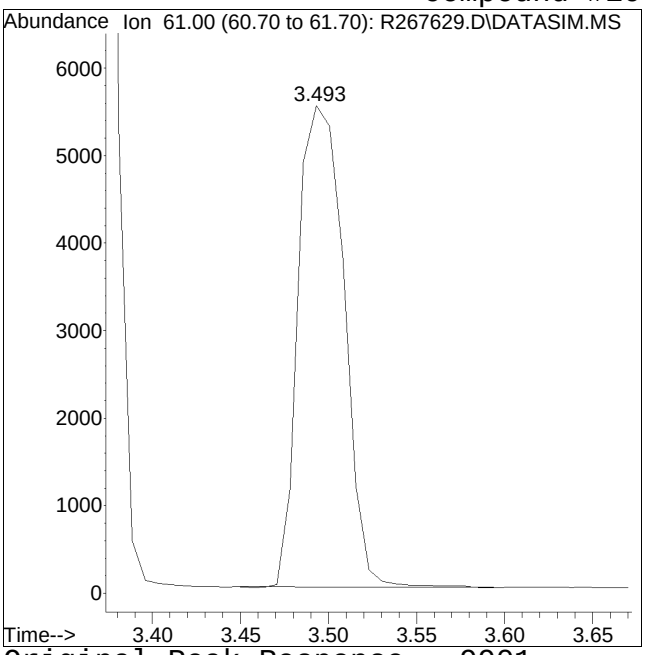
Manual Peak Response = 26394 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

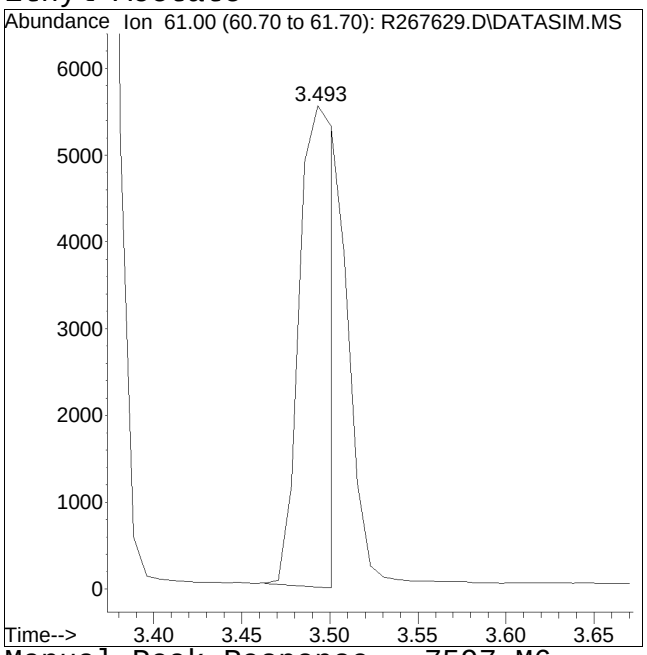
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #29: Ethyl Acetate



Original Peak Response = 9901



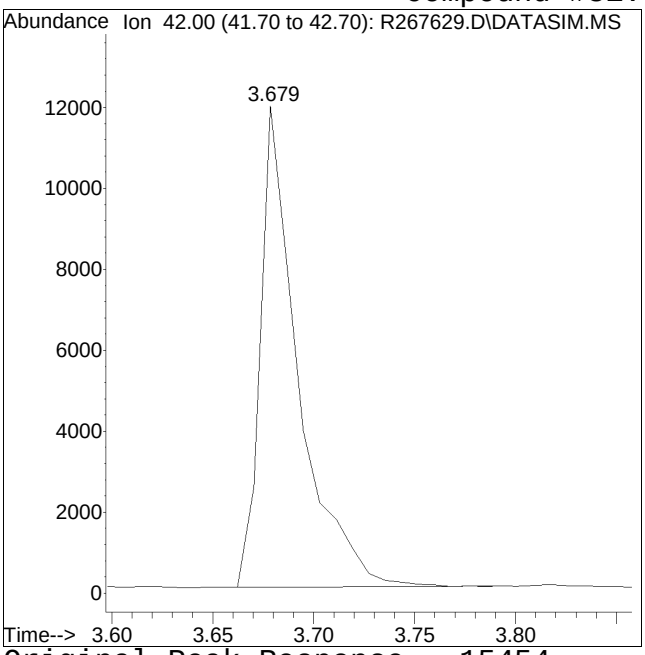
Manual Peak Response = 7597 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

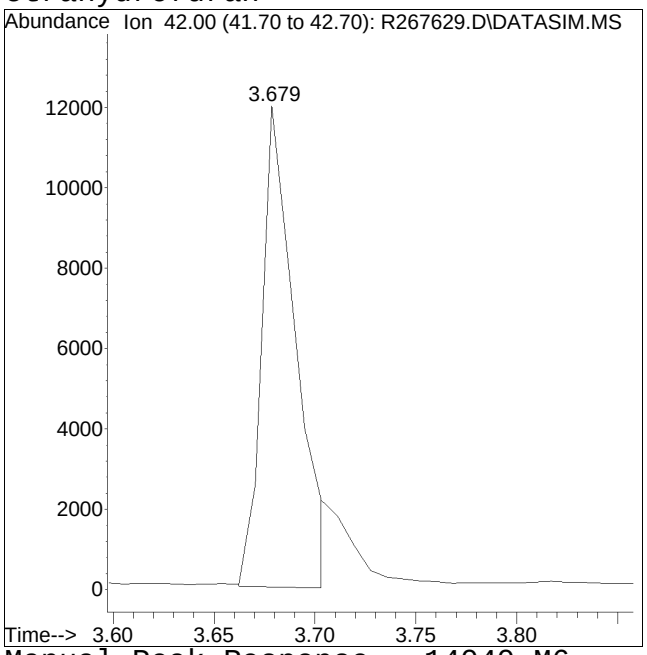
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #31: Tetrahydrofuran



Original Peak Response = 15454



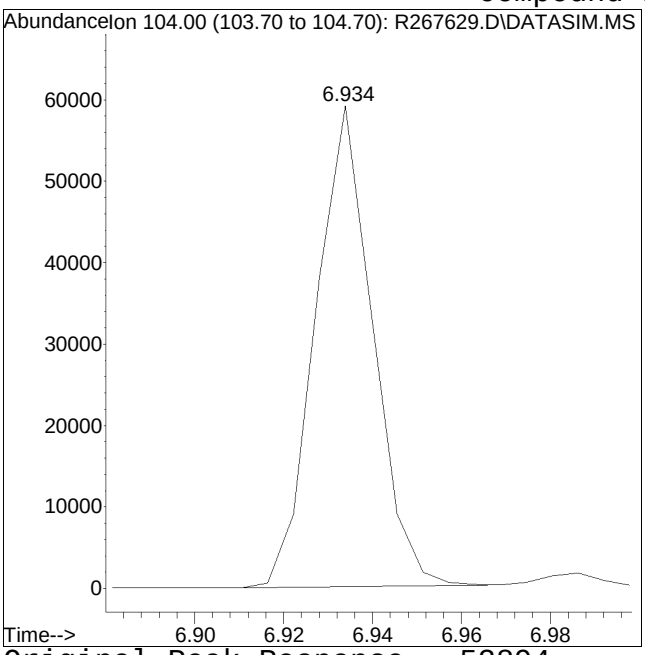
Manual Peak Response = 14040 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

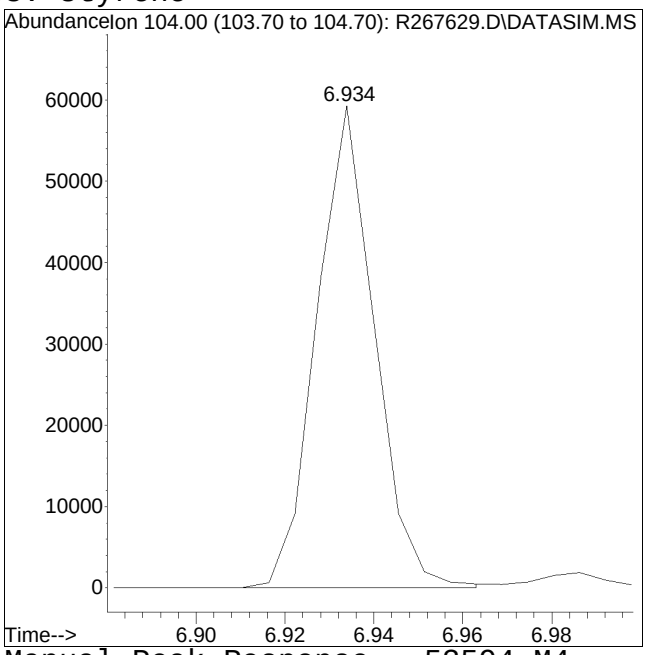
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #63: styrene



Original Peak Response = 52894



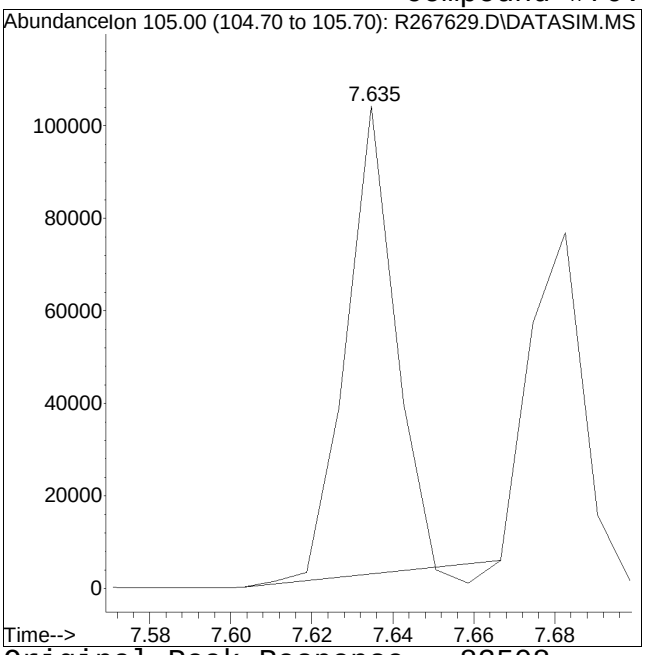
Manual Peak Response = 53594 M4

M4 = Poor automated baseline construction.

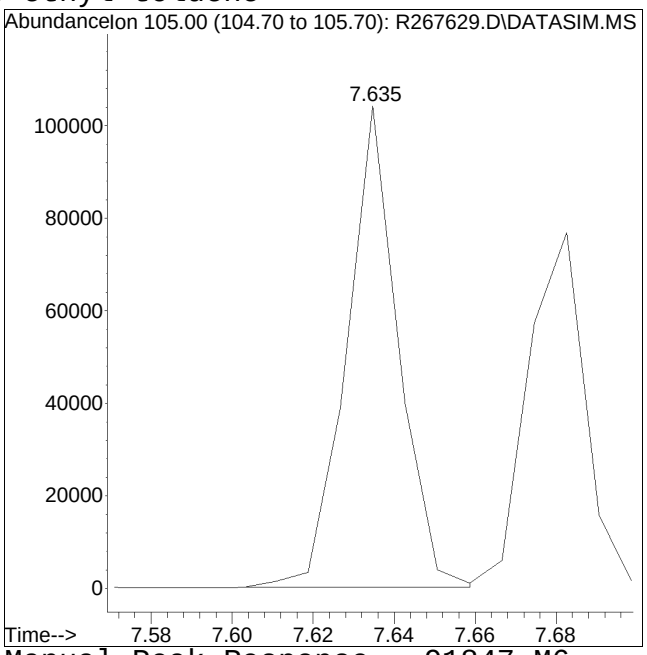
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #70: 4-ethyl toluene



Original Peak Response = 83508



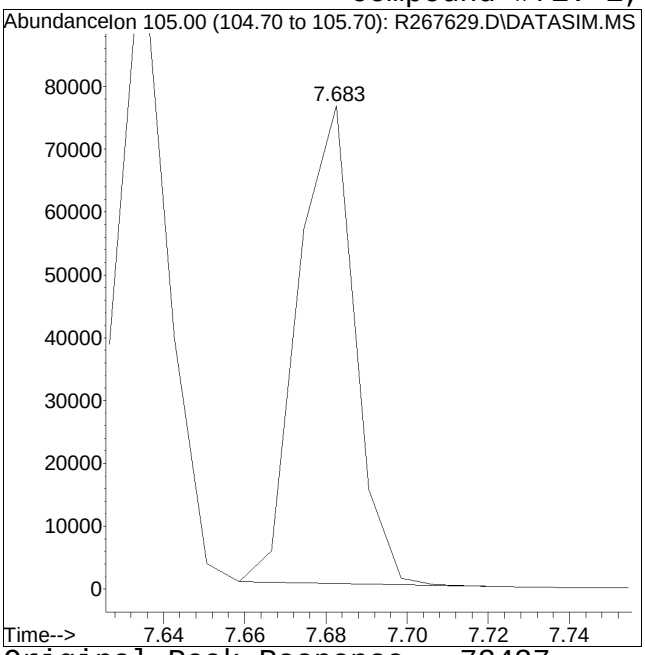
Manual Peak Response = 91847 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

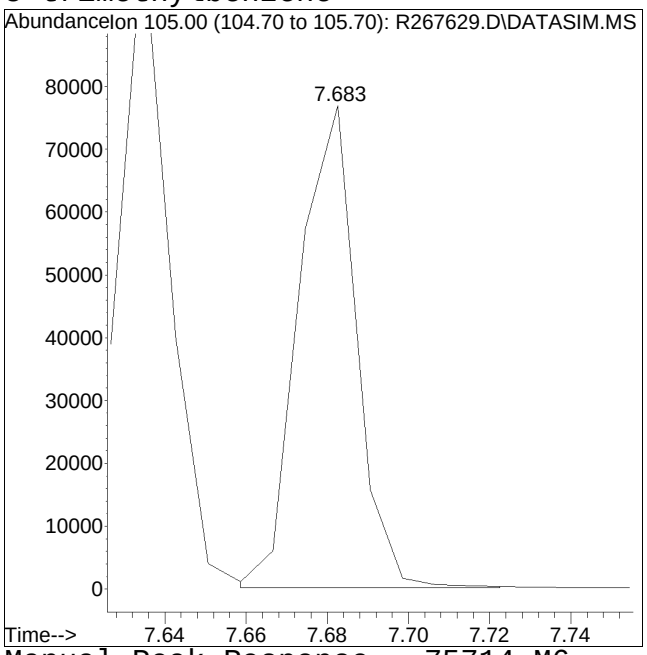
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 73437



Manual Peak Response = 75714 M6

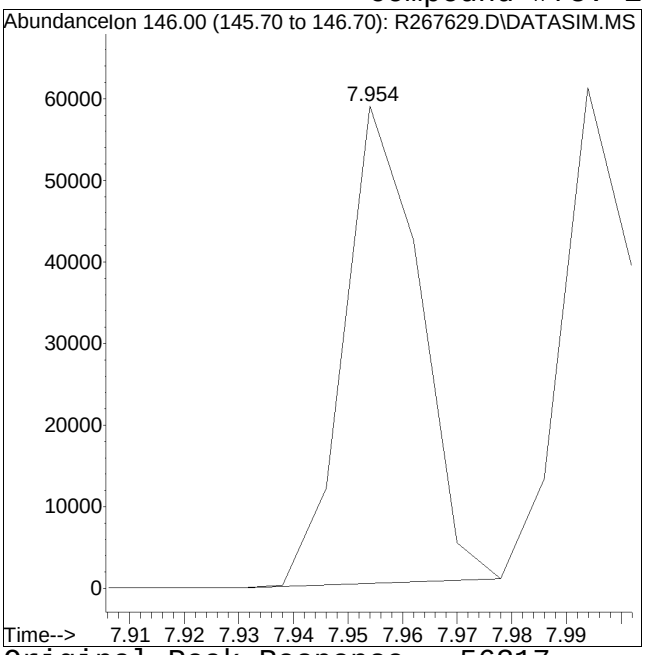
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

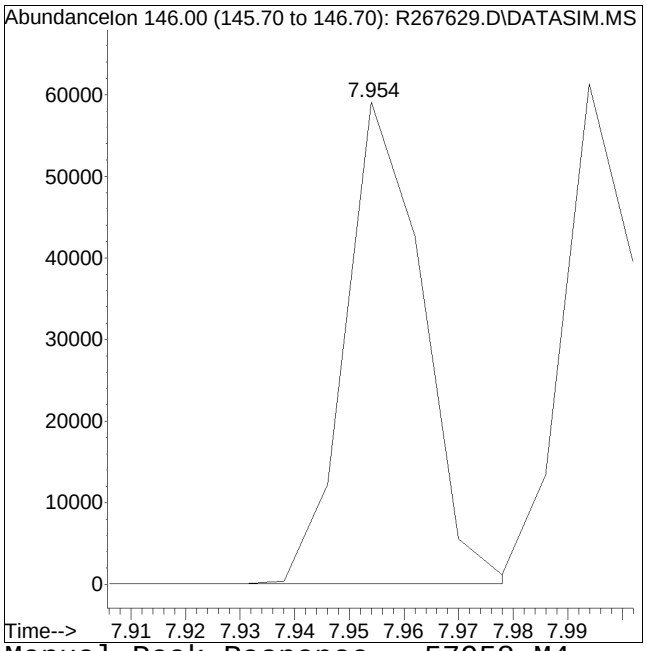
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267629.D
Date Inj'd : 1/7/2026 11:50 pm
Sample : ITO15-LLSTD1.0

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:24 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 56317



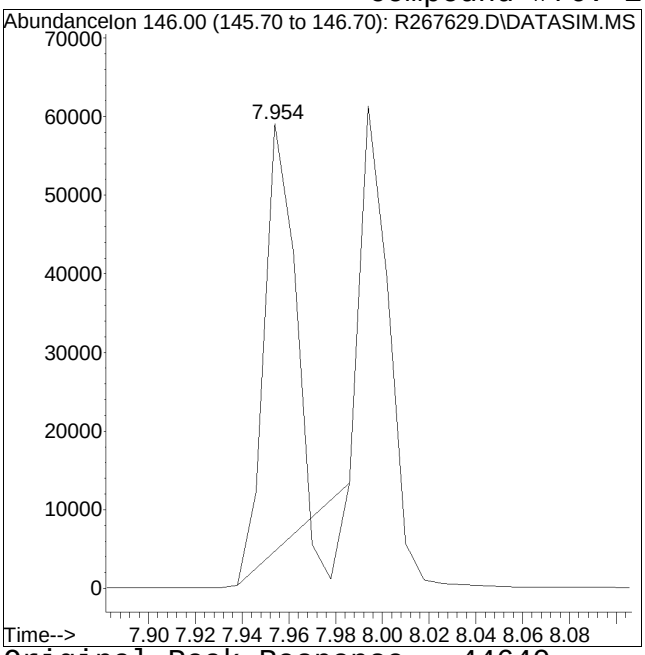
Manual Peak Response = 57958 M4

M4 = Poor automated baseline construction.

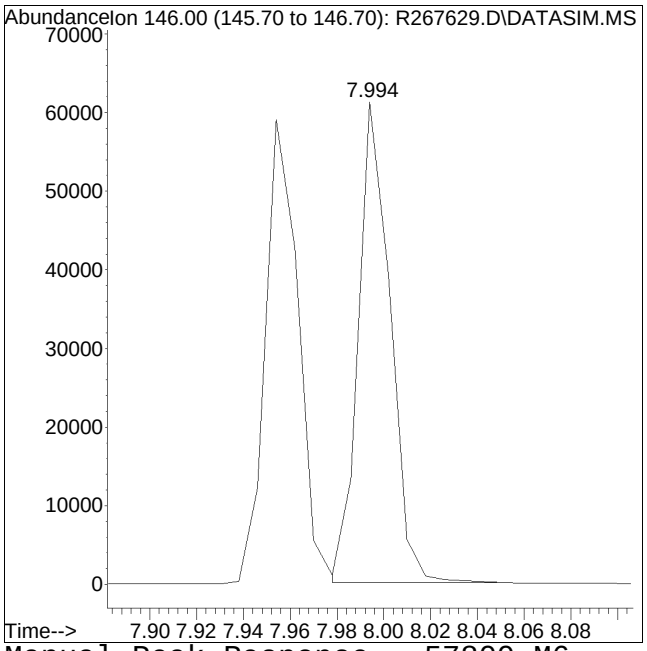
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 44640



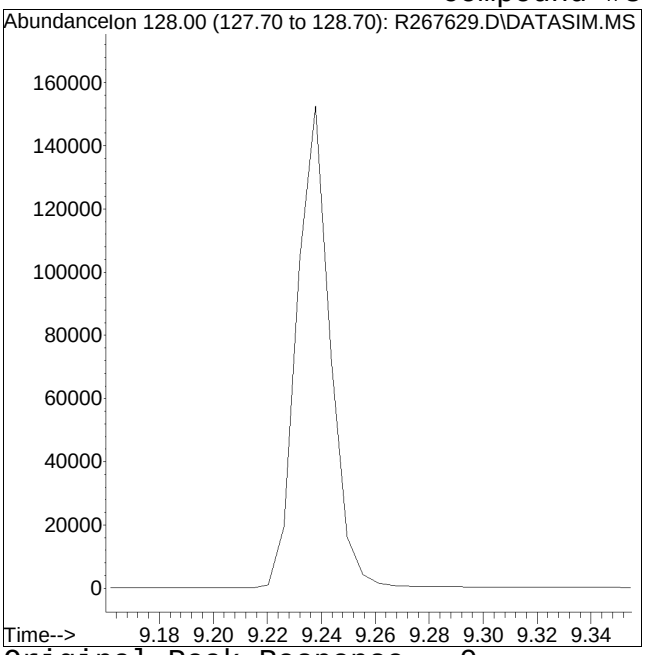
Manual Peak Response = 57800 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

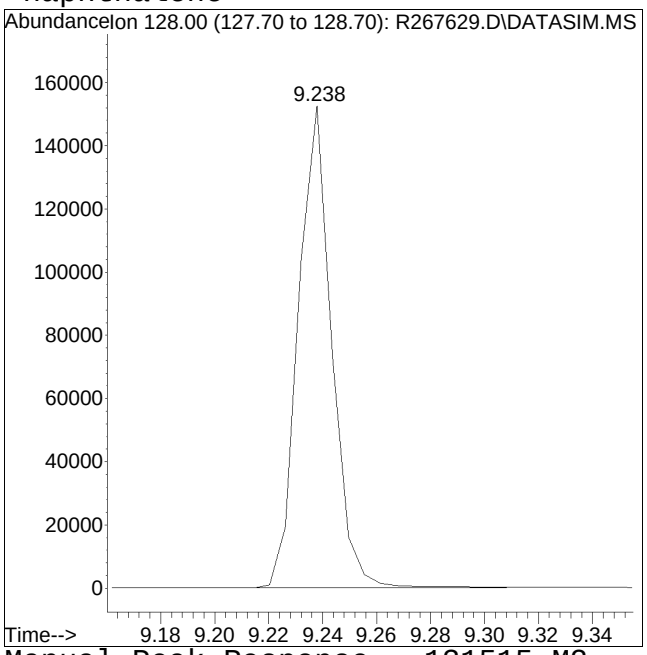
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267629.D Operator : AIRLAB26:KJD
Date Inj'd : 1/7/2026 11:50 pm Instrument : Airlab26
Sample : ITO15-LLSTD1.0 Quant Date : 1/8/2026 6:24 am

Compound #83: naphthalene



Original Peak Response = 0



Manual Peak Response = 131515 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267630.D
Acq On : 08 Jan 2026 12:23 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD5.0
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:16:49 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Jan 04 08:51:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	196595M2	10.000	ppbV	0.00
Standard Area = 196595			Recovery = 100.00%			
33) 1,4-difluorobenzene	4.324	114	659015M3	10.000	ppbV	0.00
Standard Area = 659015			Recovery = 100.00%			
51) chlorobenzene-D5	6.439	54	91024M2	10.000	ppbV	0.00
Standard Area = 91024			Recovery = 100.00%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	140919M3	11.624	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 116.24%			
53) toluene-D8	5.515	98	529143	10.236	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.36%			
67) bromofluorobenzene	7.207	95	320750	8.667	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 86.67%			
Target Compounds						Qvalue
2) propylene	1.933	41	62352	3.414	ppbV	99
3) dichlorodifluoromethane	1.955	85	201440	2.786	ppbV	100
4) chloromethane	1.999	50	69340M6	2.332	ppbV	
5) Freon-114	2.032	85	218842	2.598	ppbV	97
6) vinyl chloride	2.065	62	82881	2.701	ppbV	100
7) 1,3-butadiene	2.103	54	51111	2.735	ppbV	88
8) bromomethane	2.180	94	78014	2.559	ppbV	98
9) chloroethane	2.229	64	45897	2.912	ppbV	99
10) ethanol	2.257	31	175046	22.091	ppbV	83
11) vinyl bromide	2.335	106	76618	2.692	ppbV	100
12) acrolein	2.363	56	36620M4	2.363	ppbV	
13) acetone	2.403	43	418072	18.779	ppbV	95
14) trichlorofluoromethane	2.454	101	183161	3.084	ppbV	100
15) isopropyl alcohol	2.471	45	220020	9.440	ppbV	99
16) acrylonitrile	2.533	53	61146	4.068	ppbV	99
17) 1,1-dichloroethene	2.634	61	112998	3.715	ppbV	93
18) tertiary butyl alcohol	2.643	59	134273	4.406	ppbV	97
19) methylene chloride	2.667	49	79239	4.626	ppbV #	76
20) 3-chloropropene	2.705	41	68693M3	5.846	ppbV	
21) carbon disulfide	2.758	76	201709M3	3.556	ppbV	
22) Freon 113	2.758	101	163931	3.356	ppbV	99
23) trans-1,2-dichloroethene	2.975	61	95215	3.908	ppbV	88

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267630.D
Acq On : 08 Jan 2026 12:23 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD5.0
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:16:49 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Jan 04 08:51:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 1,1-dichloroethane	3.046	63	131822	3.814	ppbV		100
25) MTBE	3.077	73	182365M3	4.200	ppbV		
26) vinyl acetate	3.113	43	133042M3	4.054	ppbV		
27) 2-butanone	3.201	43	154962	5.310	ppbV		98
28) cis-1,2-dichloroethene	3.366	61	111850	4.508	ppbV		86
29) Ethyl Acetate	3.486	61	25611M6	2.754	ppbV		
30) chloroform	3.493	83	169511M2	3.880	ppbV		
31) Tetrahydrofuran	3.670	42	64393M3	5.579	ppbV		
32) 1,2-dichloroethane	3.809	62	97491	4.393	ppbV		99
34) hexane	3.471	57	109687M3	6.133	ppbV		
36) 1,1,1-trichloroethane	3.923	97	166052M3	4.690	ppbV		
37) benzene	4.126	78	276942M2	5.107	ppbV		
38) carbon tetrachloride	4.201	117	160052M3	4.159	ppbV		
39) cyclohexane	4.258	56	115387M3	5.942	ppbV		
40) Dibromomethane	4.503	93	108369M3	4.138	ppbV		
41) 1,2-dichloropropane	4.522	63	99585M3	4.867	ppbV		
42) bromodichloromethane	4.616	83	167702M3	4.173	ppbV		
43) 1,4-dioxane	4.654	88	51716M3	4.481	ppbV		
44) trichloroethene	4.644	130	129773M3	3.856	ppbV		
45) 2,2,4-trimethylpentane	4.682	57	344099M3	5.490	ppbV		
46) heptane	4.833	43	116117M3	6.405	ppbV		
47) cis-1,3-dichloropropene	5.076	75	142677M2	4.544	ppbV		
48) 4-methyl-2-pentanone	5.116	43	160025M3	6.555	ppbV		
49) trans-1,3-dichloropropene	5.356	75	107131M2	4.493	ppbV		
50) 1,1,2-trichloroethane	5.427	97	121554M3	4.164	ppbV		
52) toluene	5.571	91	335861	4.500	ppbV		100
54) 2-hexanone	5.731	43	155398	5.088	ppbV	#	93
55) dibromochloromethane	5.763	129	167437	3.371	ppbV		99
56) 1,2-dibromoethane	5.882	107	176112	3.663	ppbV	#	100
57) tetrachloroethene	6.130	166	150312	3.274	ppbV		93
58) 1,1,1,2-tetrachloroethane	6.455	131	139748	3.568	ppbV	#	99
59) chlorobenzene	6.461	112	274211	3.812	ppbV		94
60) ethylbenzene	6.663	91	432819	4.264	ppbV		97
61) m+p-xylene	6.755	91	673885	8.458	ppbV		99
62) bromoform	6.755	173	148978	3.080	ppbV		99
63) styrene	6.934	104	256547	4.075	ppbV		97
64) 1,1,2,2-tetrachloroethane	6.975	83	258046	3.534	ppbV		99
65) o-xylene	6.980	91	327226	4.216	ppbV		99
66) 1,2,3-Trichloropropane	7.039	75	195774	4.038	ppbV	#	94
68) isopropylbenzene	7.289	105	495539	4.460	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267630.D
Acq On : 08 Jan 2026 12:23 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD5.0
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:16:49 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Jan 04 08:51:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

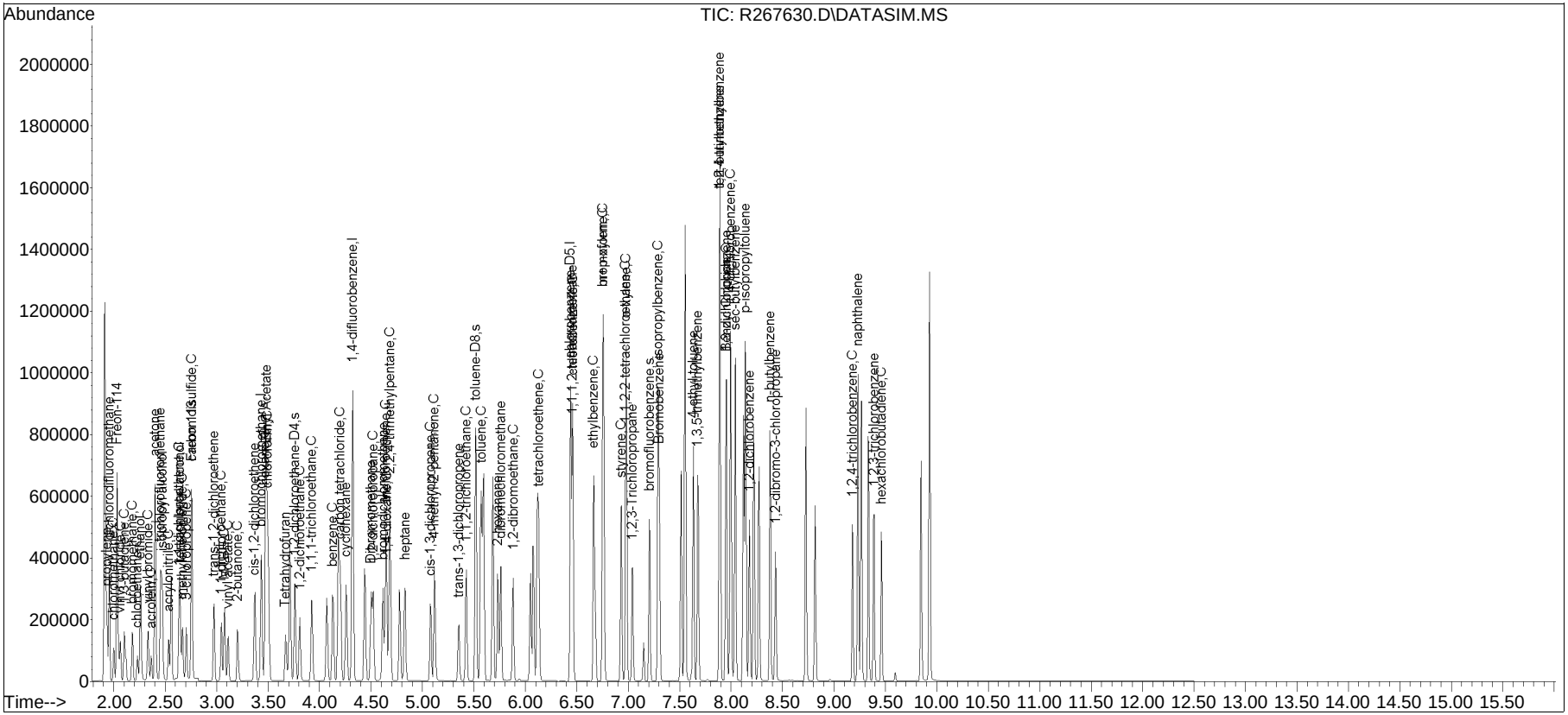
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Bromobenzene	7.300	77	313444	4.143	ppbV #	82
70) 4-ethyl toluene	7.635	105	443374M4	5.176	ppbV	
71) 1,3,5-trimethylbenzene	7.675	105	365847M4	3.481	ppbV	
72) tert-butylbenzene	7.890	119	432915	4.577	ppbV	98
73) 1,2,4-trimethylbenzene	7.890	105	389629	4.387	ppbV	98
74) Benzyl Chloride	7.954	91	315932	4.111	ppbV	97
75) 1,3-dichlorobenzene	7.954	146	294359M6	2.560	ppbV	
76) 1,4-dichlorobenzene	7.994	146	292392M3	3.377	ppbV	
77) sec-butylbenzene	8.042	105	617213	4.332	ppbV	96
78) p-isopropyltoluene	8.138	119	549514	4.485	ppbV	98
79) 1,2-dichlorobenzene	8.177	146	284617	3.435	ppbV	93
80) n-butylbenzene	8.377	91	517711	4.346	ppbV	95
81) 1,2-dibromo-3-chloropr...	8.433	75	132012	4.188	ppbV #	79
82) 1,2,4-trichlorobenzene	9.179	180	277423	3.359	ppbV	94
83) naphthalene	9.232	128	733369	4.068	ppbV	98
84) 1,2,3-trichlorobenzene	9.390	180	321108	4.414	ppbV	94
85) hexachlorobutadiene	9.460	225	188445	3.317	ppbV	96

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267630.D
Acq On : 08 Jan 2026 12:23 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD5.0
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

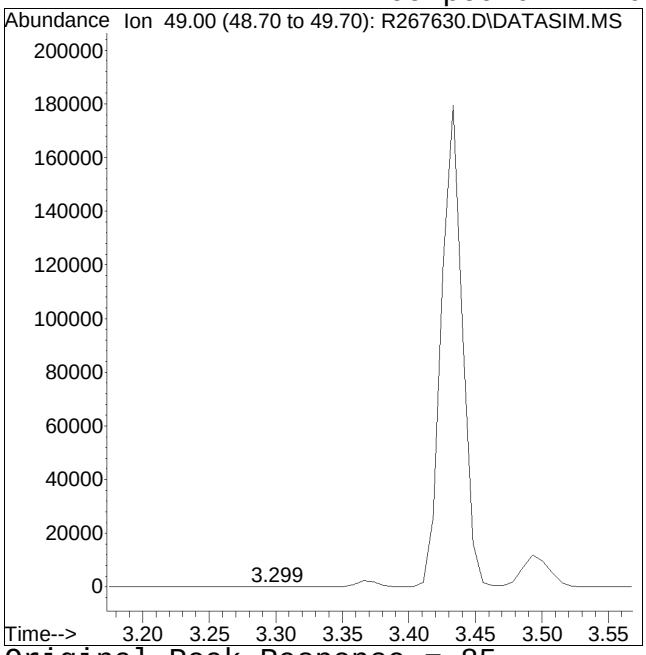
Quant Time: Jan 08 06:16:49 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Sun Jan 04 08:51:03 2026
Response via : Initial Calibration

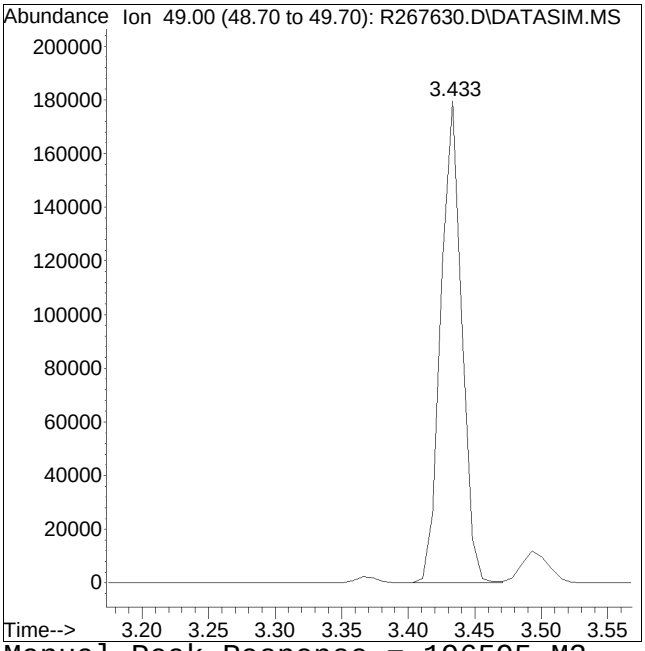


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #1: bromochloromethane



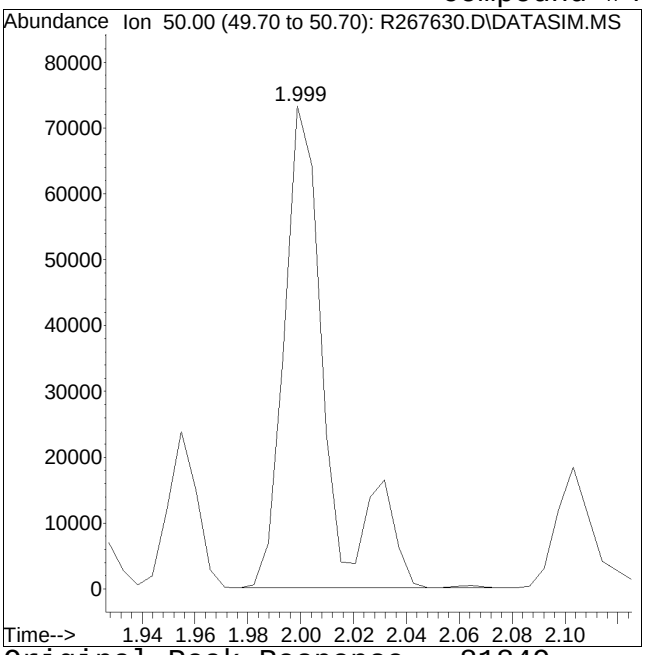


Original Peak Response = 85 Manual Peak Response = 196595 M2
M2 = Peak not found by automatic integration algorithm.

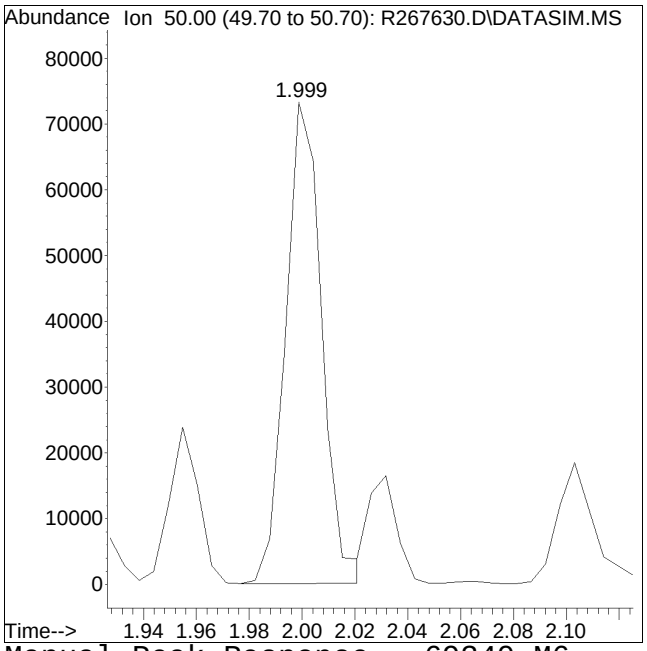
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #4: chloromethane



Original Peak Response = 81849



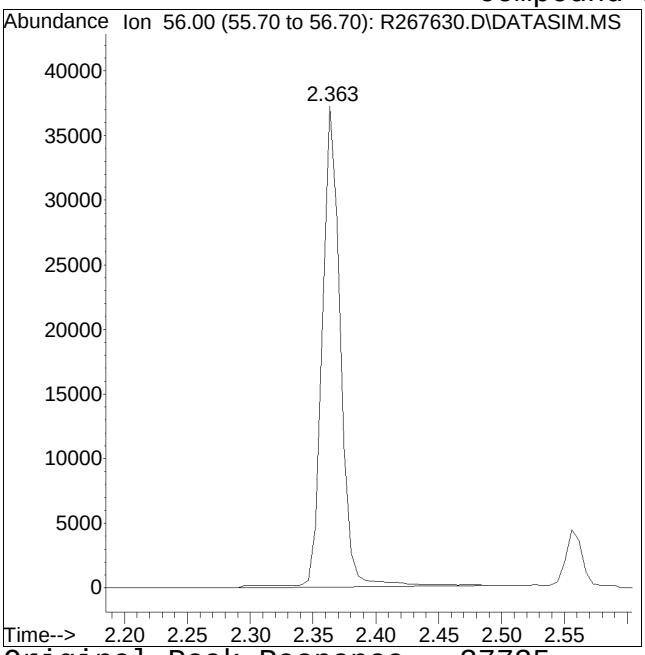
Manual Peak Response = 69340 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

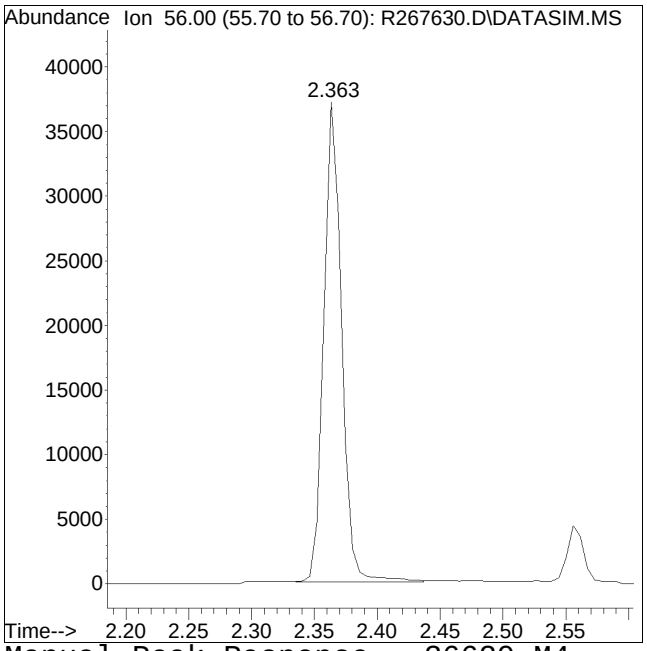
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #12: acrolein



Original Peak Response = 37735



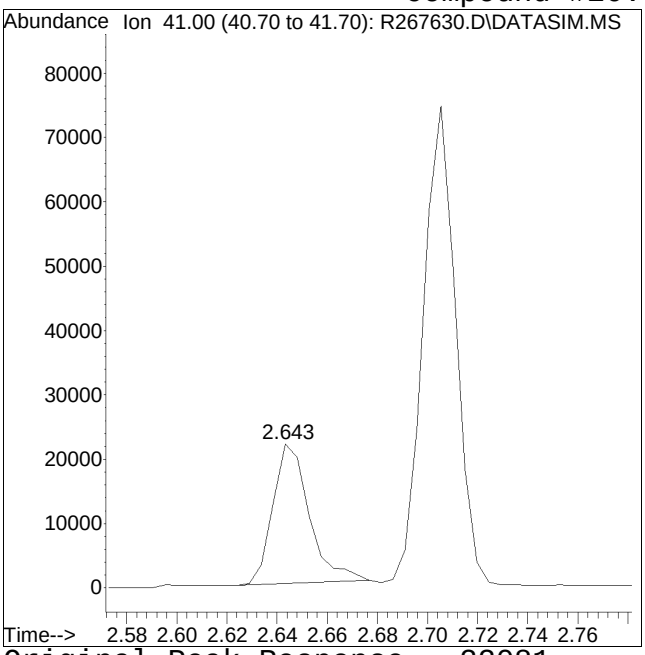
Manual Peak Response = 36620 M4

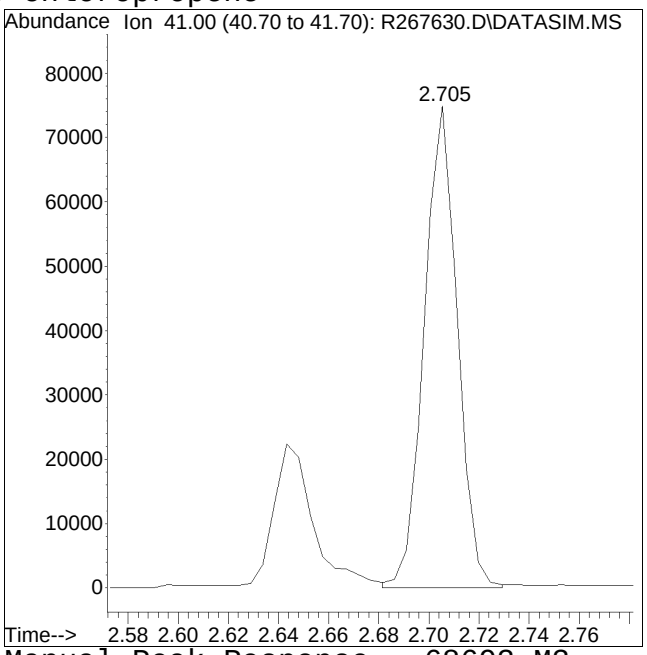
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #20: 3-chloropropene





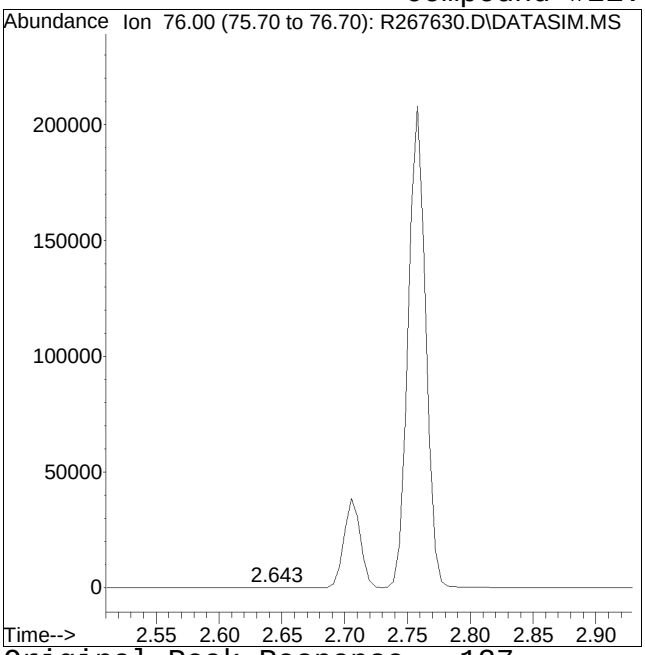
Original Peak Response = 22081 Manual Peak Response = 68693 M3

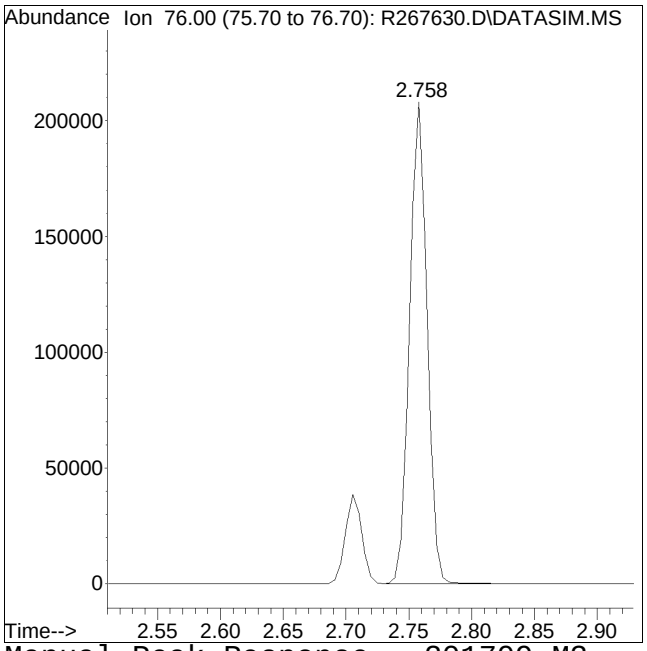
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #21: carbon disulfide





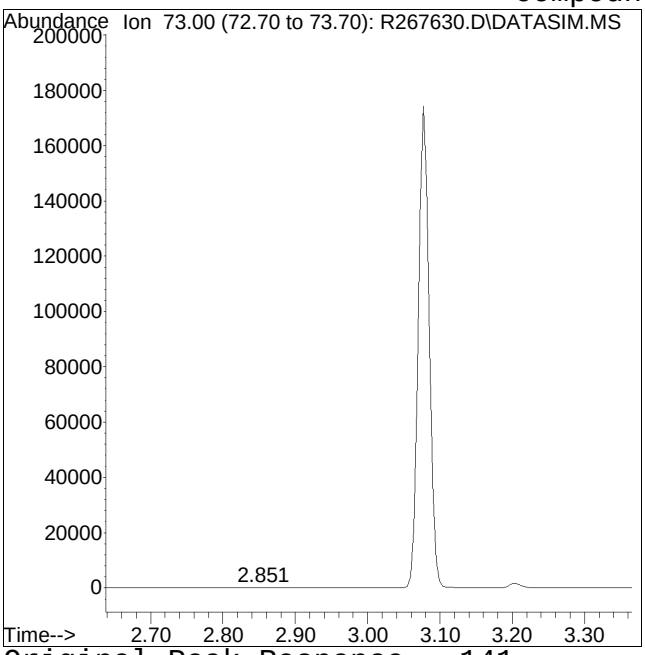
Original Peak Response = 127 Manual Peak Response = 201709 M3

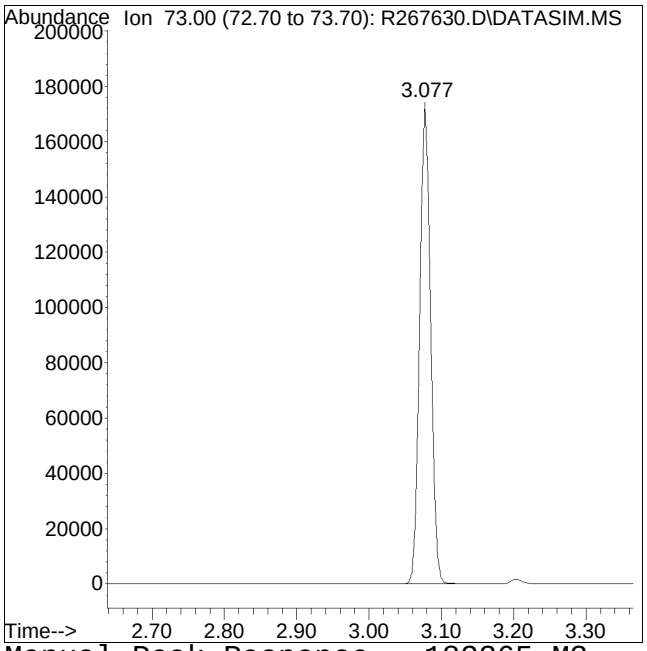
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #25: MTBE





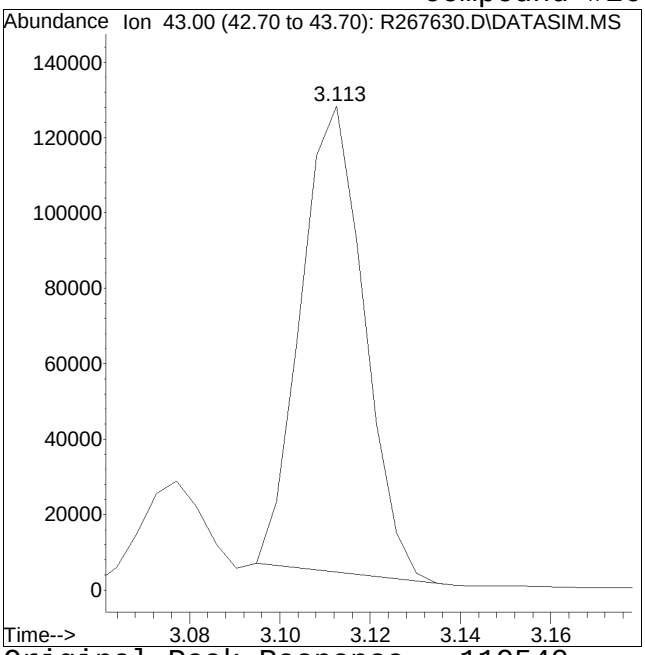
Original Peak Response = 141 Manual Peak Response = 182365 M3

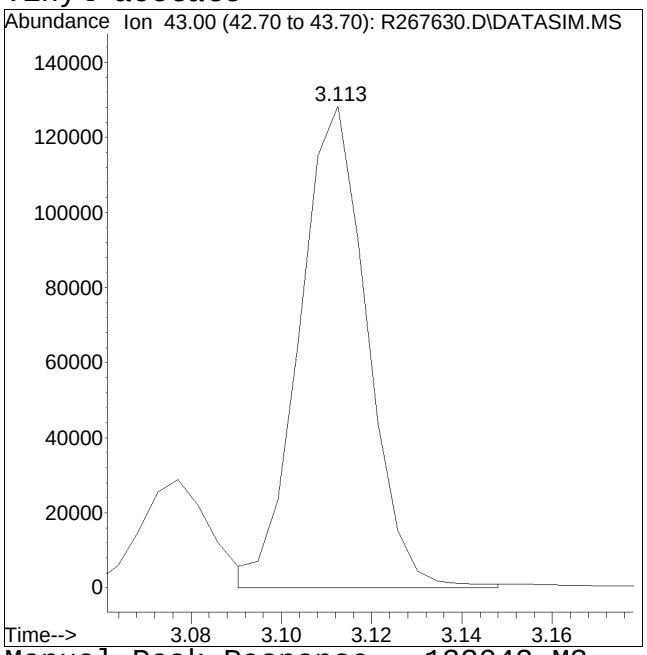
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #26: vinyl acetate





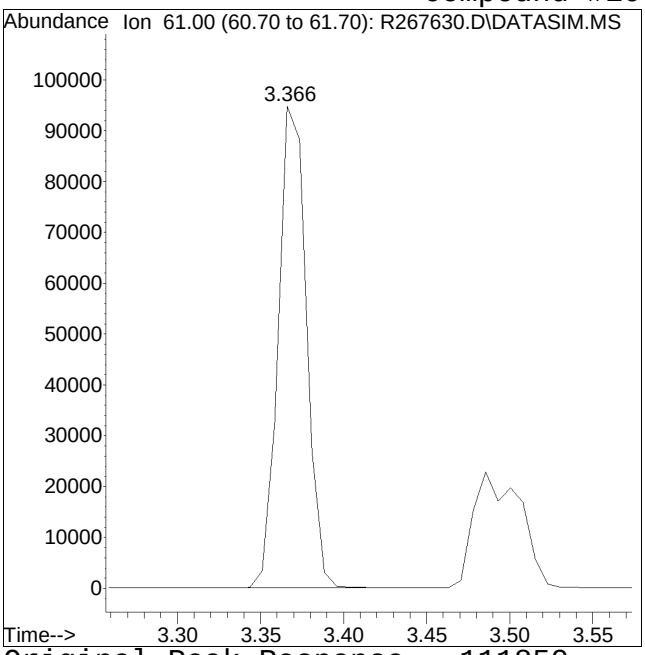
Original Peak Response = 119540 Manual Peak Response = 133042 M3

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.

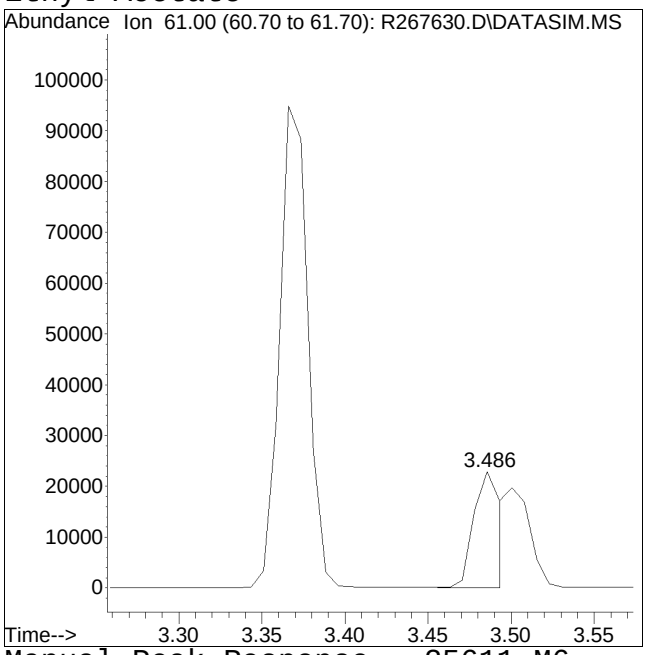
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #29: Ethyl Acetate



Original Peak Response = 111850



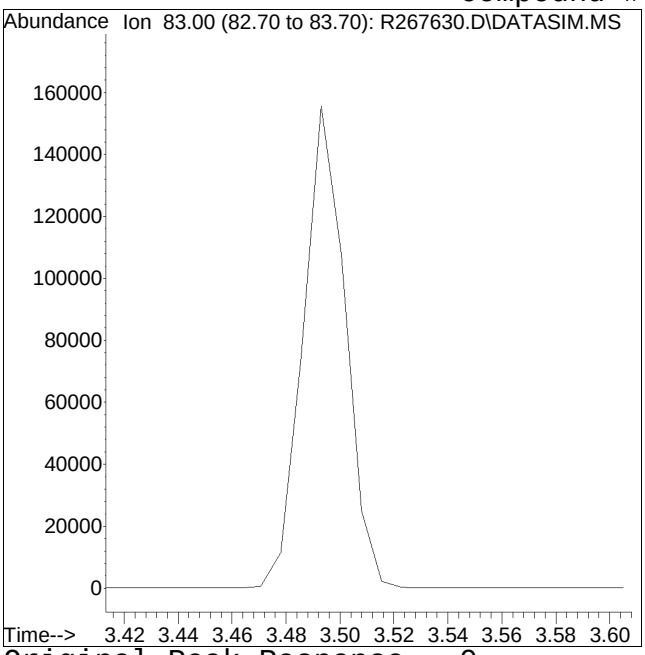
Manual Peak Response = 25611 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

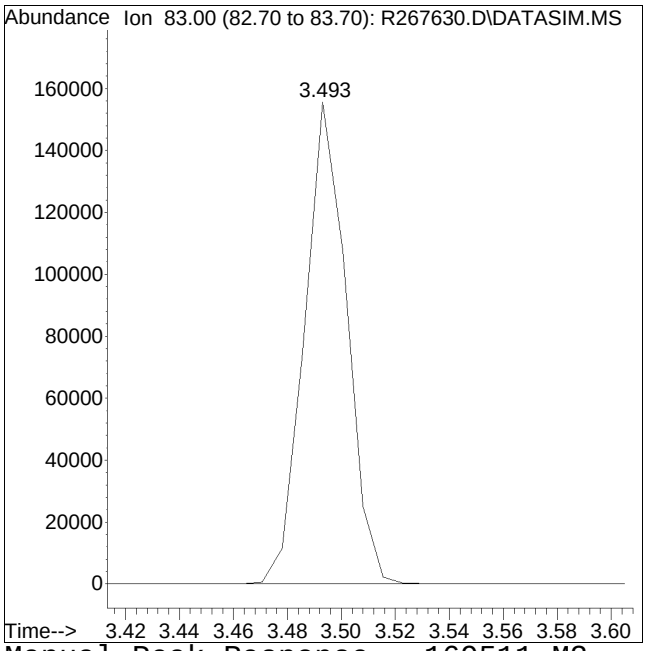
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #30: chloroform



Original Peak Response = 0



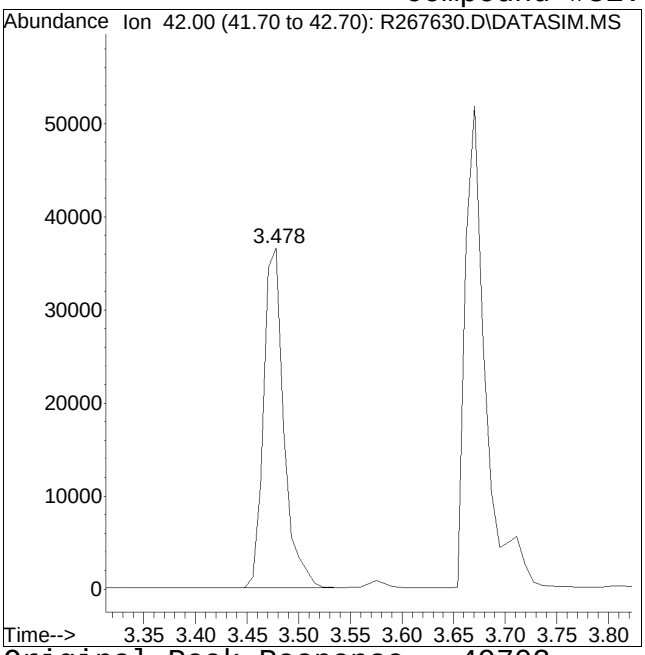
Manual Peak Response = 169511 M2

M2 = Peak not found by automatic integration algorithm.

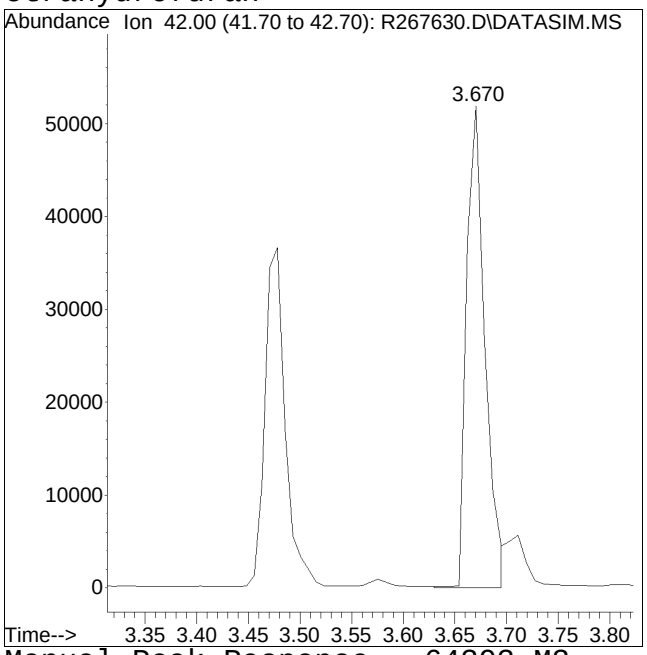
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #31: Tetrahydrofuran



Original Peak Response = 49702



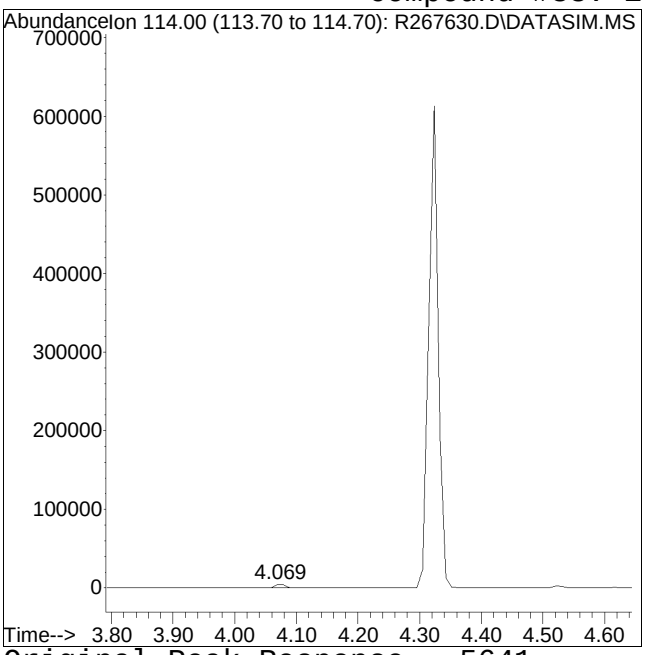
Manual Peak Response = 64393 M3

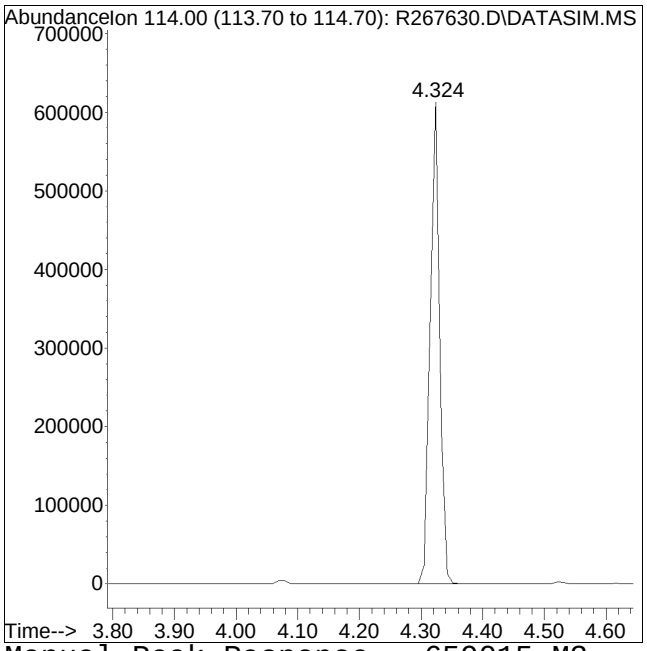
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #33: 1,4-difluorobenzene





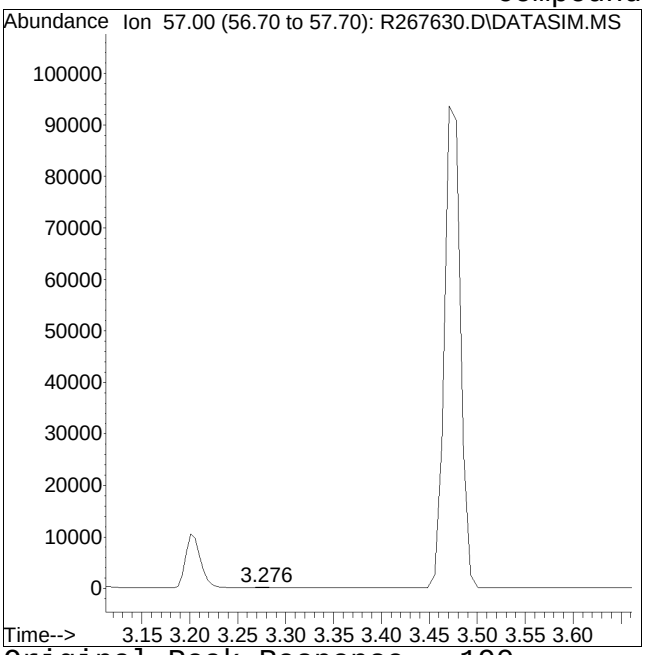
Original Peak Response = 5641 Manual Peak Response = 659015 M3

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.

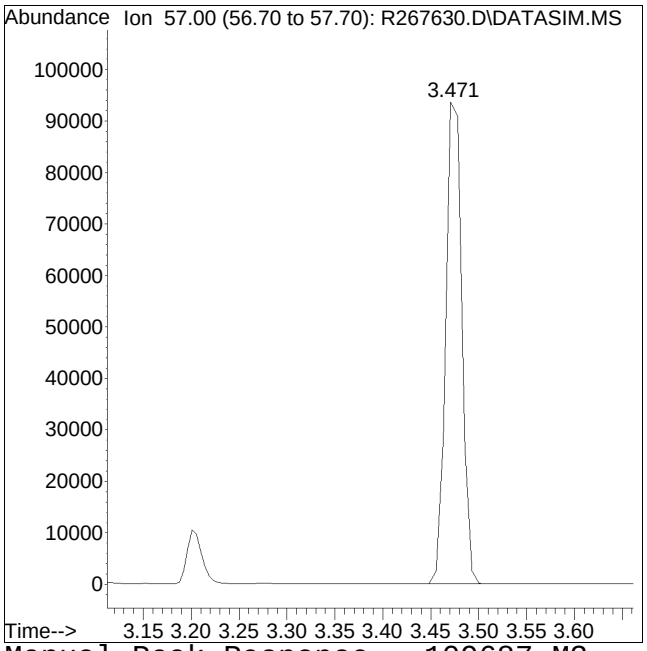
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #34: hexane



Original Peak Response = 190



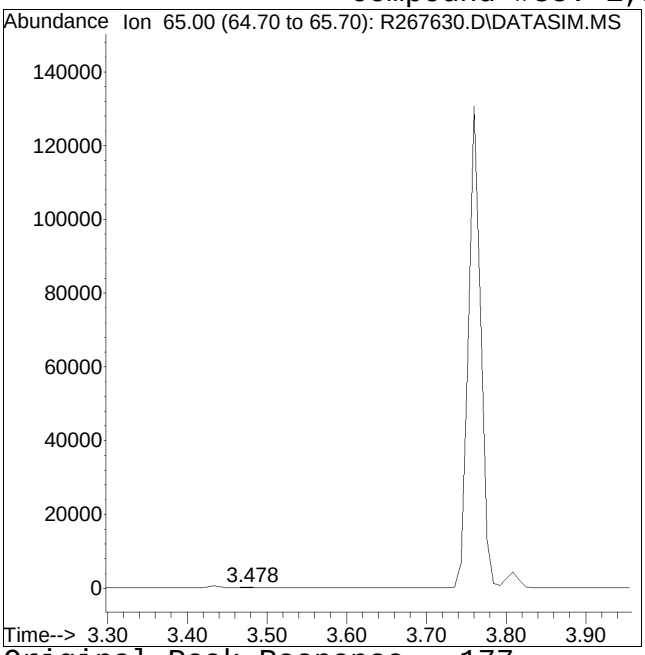
Manual Peak Response = 109687 M3

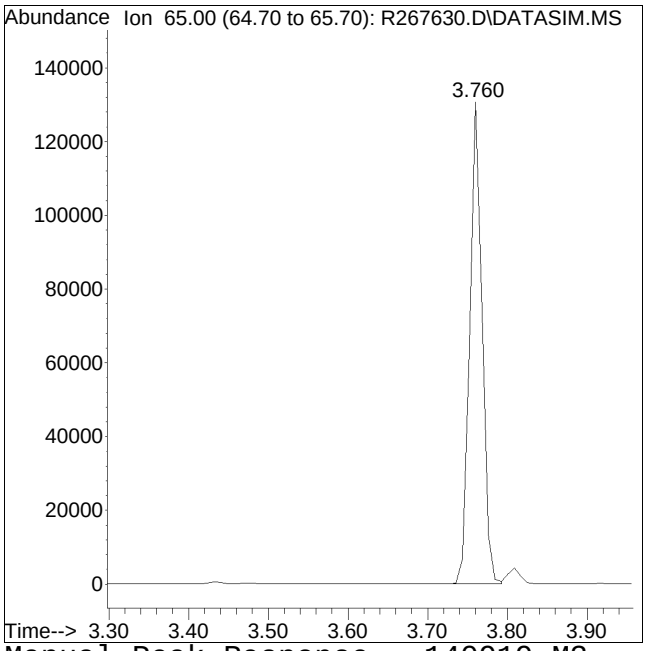
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #35: 1,2-dichloroethane-D4





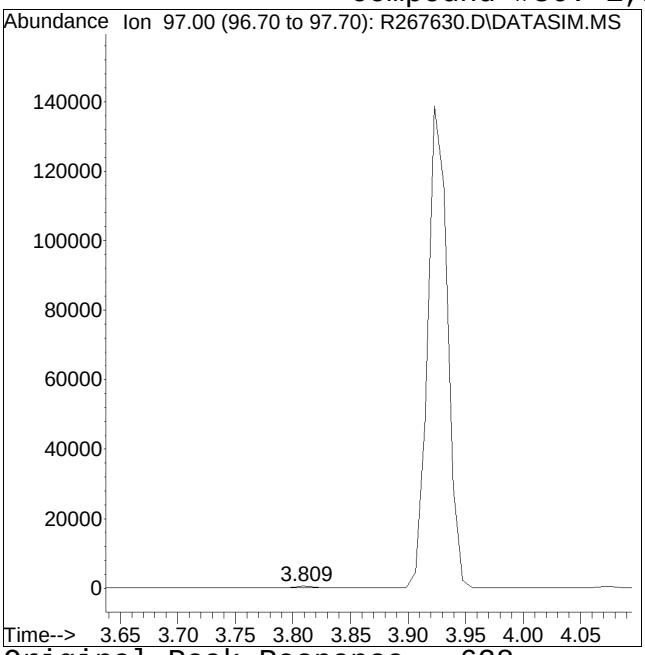
Original Peak Response = 177 Manual Peak Response = 140919 M3

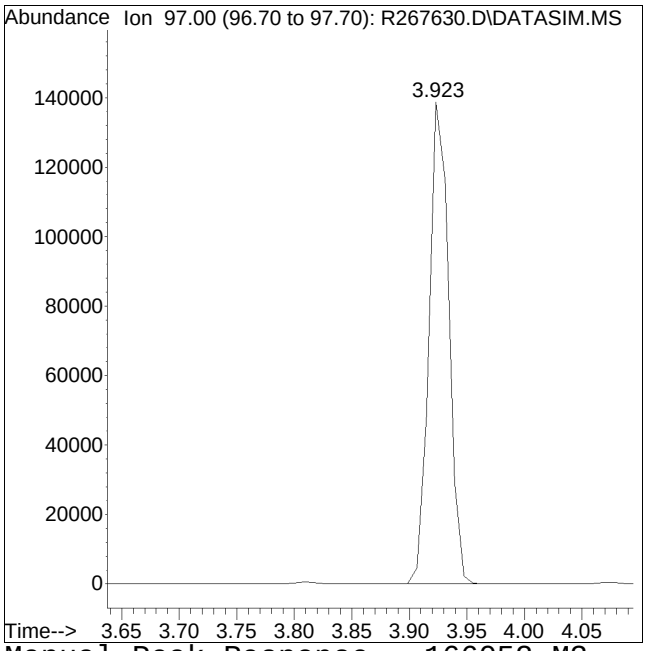
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #36: 1,1,1-trichloroethane





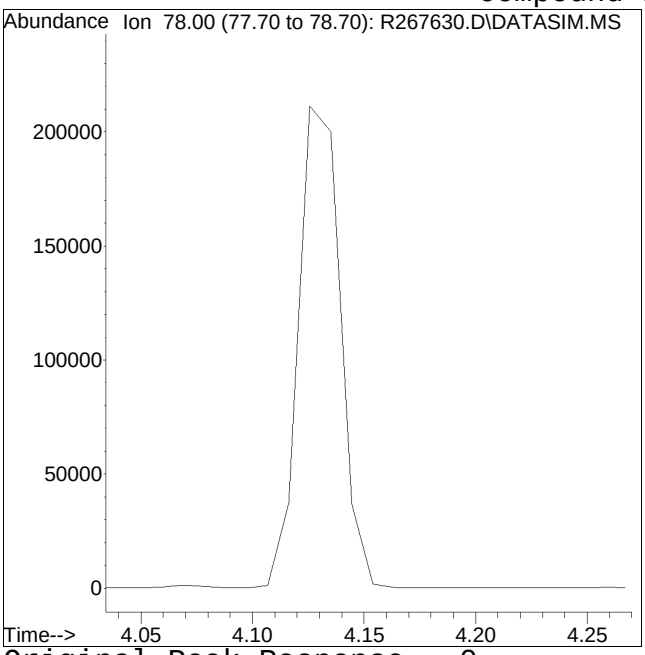
Original Peak Response = 628 Manual Peak Response = 166052 M3

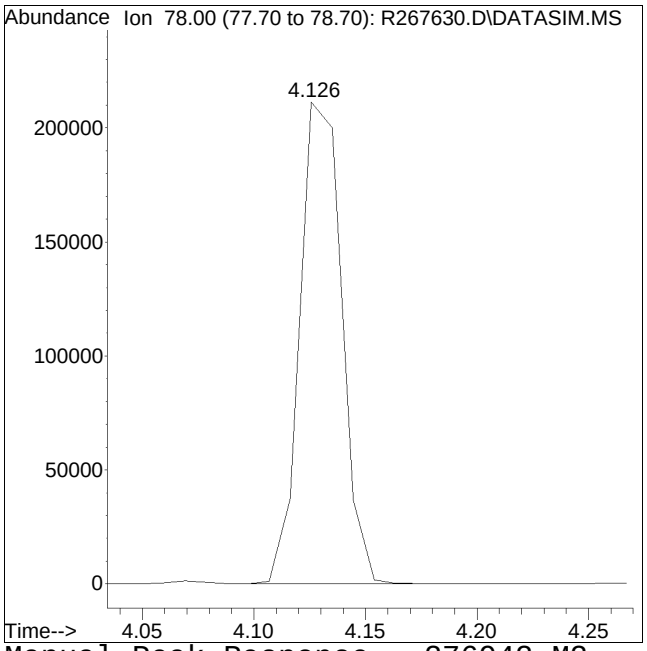
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #37: benzene



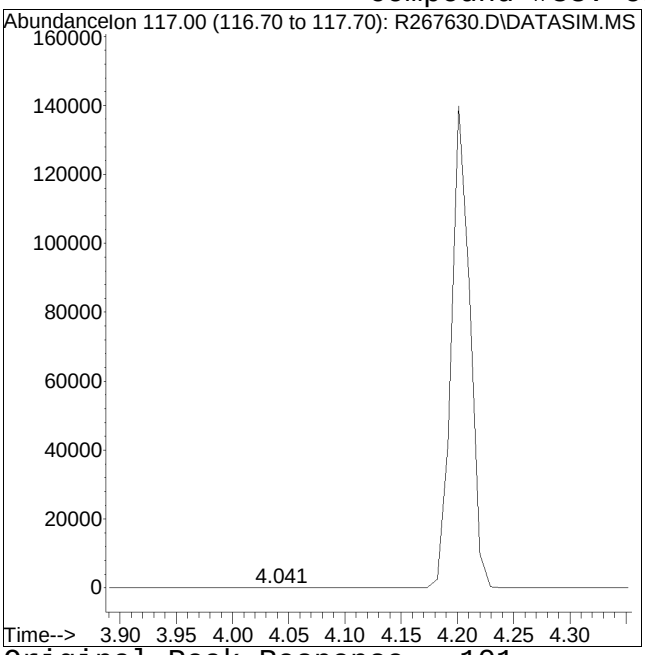


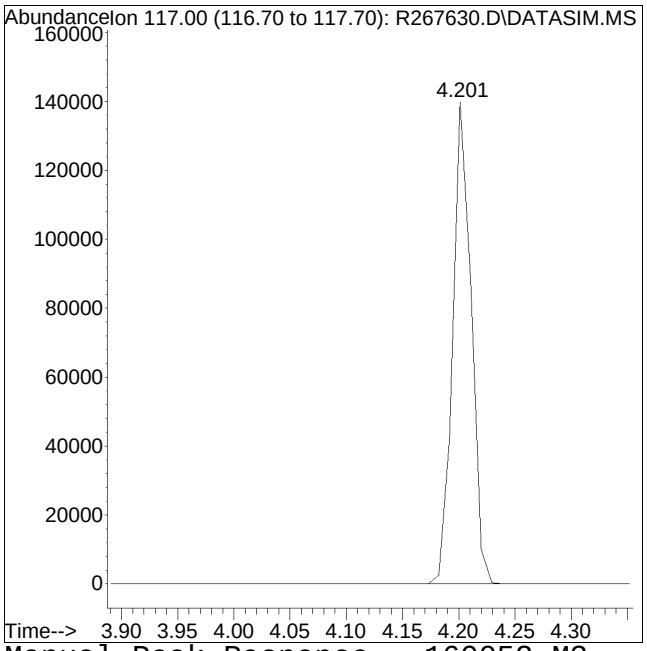
Original Peak Response = 0 Manual Peak Response = 276942 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #38: carbon tetrachloride





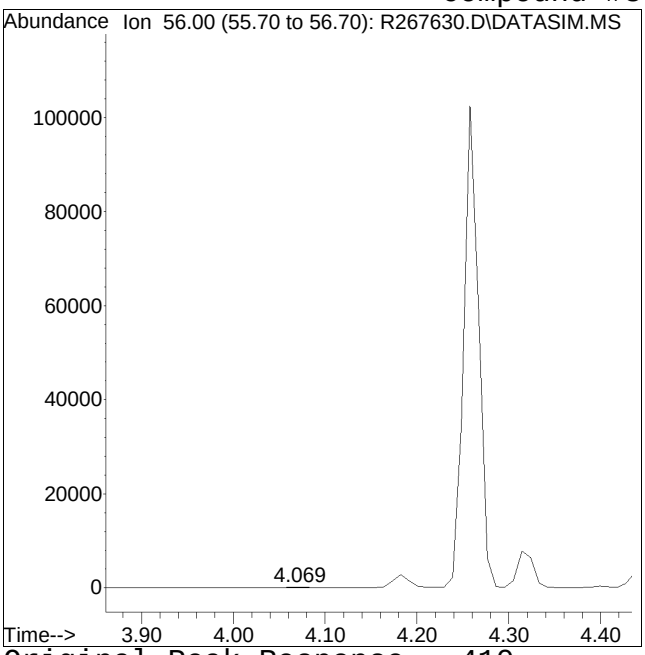
Original Peak Response = 101 Manual Peak Response = 160052 M3

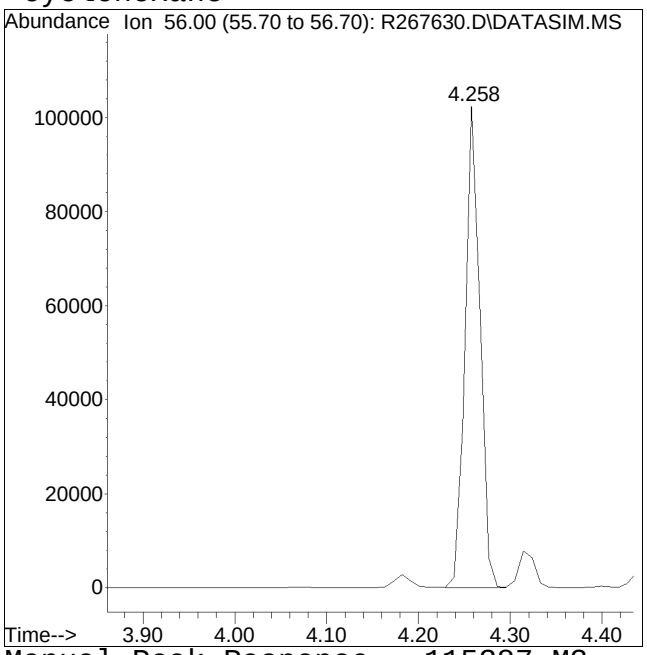
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #39: cyclohexane





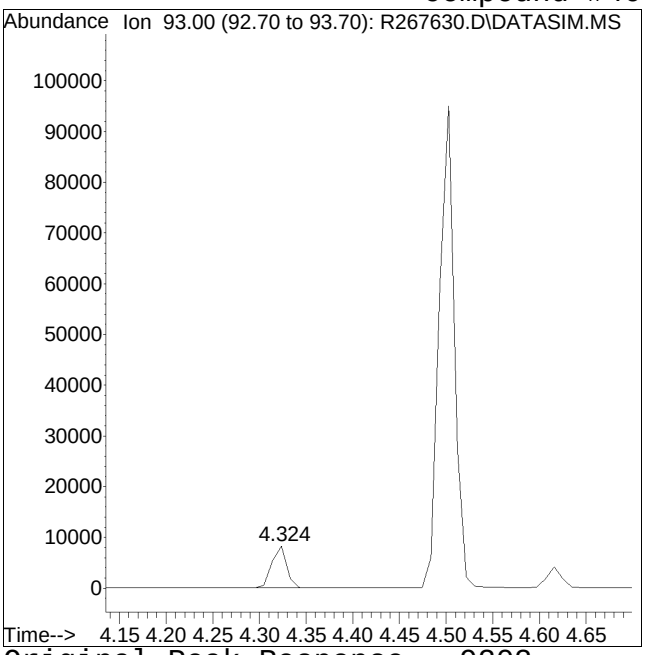
Original Peak Response = 410 Manual Peak Response = 115387 M3

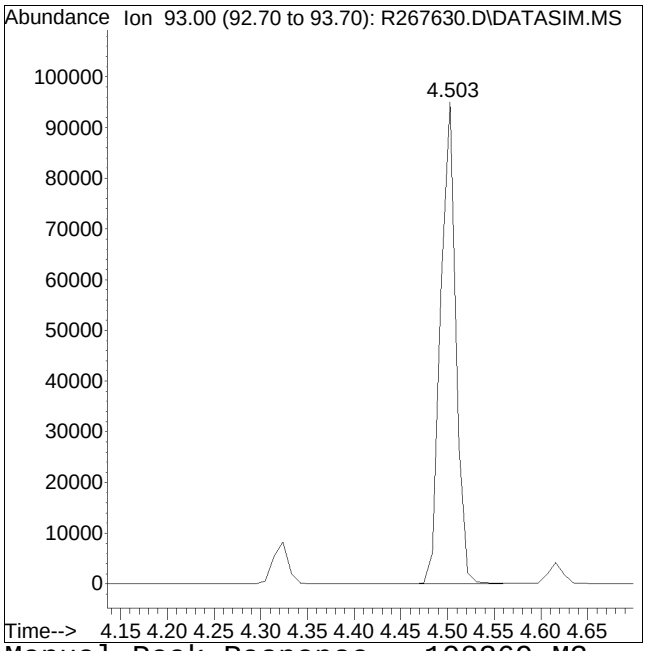
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #40: Dibromomethane





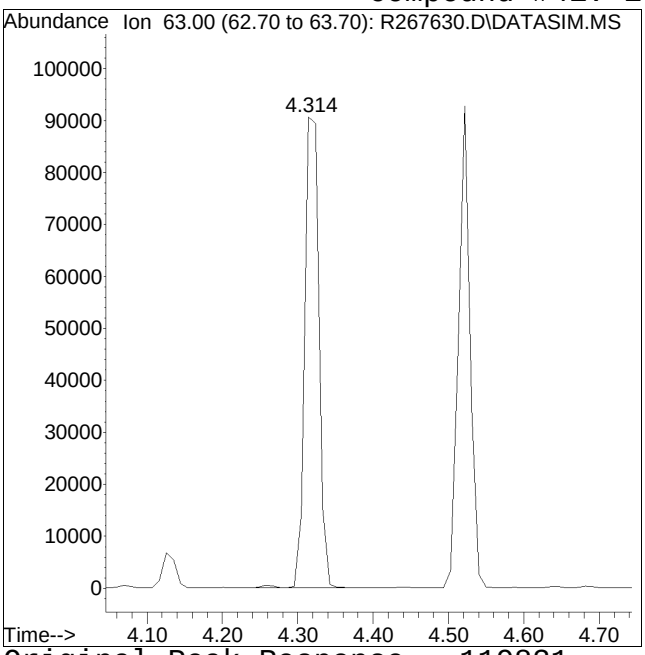
Original Peak Response = 9202 Manual Peak Response = 108369 M3

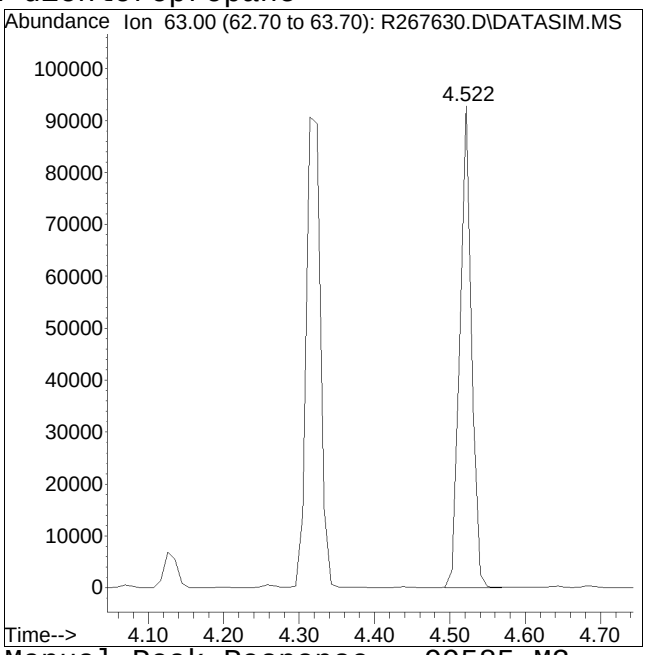
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #41: 1,2-dichloropropane





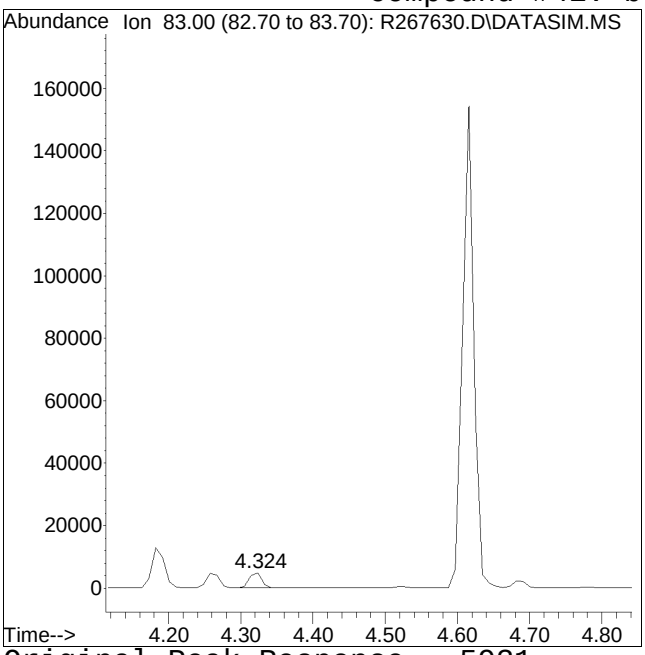
Original Peak Response = 119831 Manual Peak Response = 99585 M3

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.

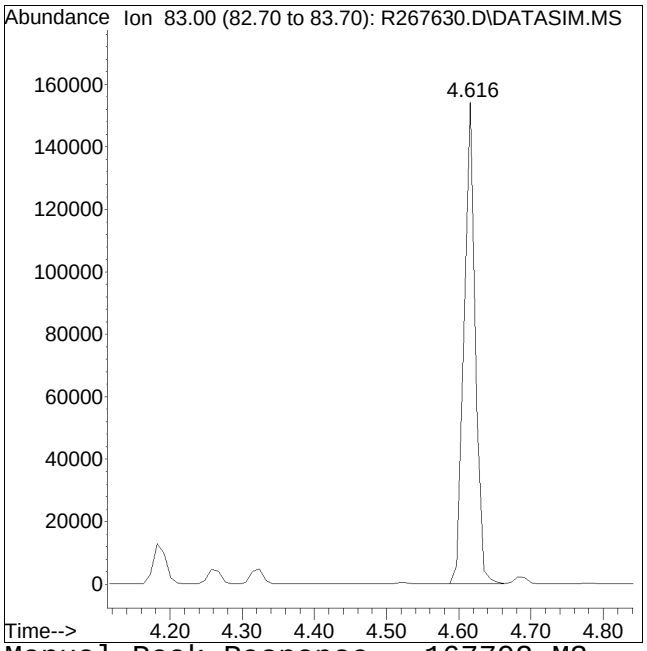
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #42: bromodichloromethane



Original Peak Response = 5931



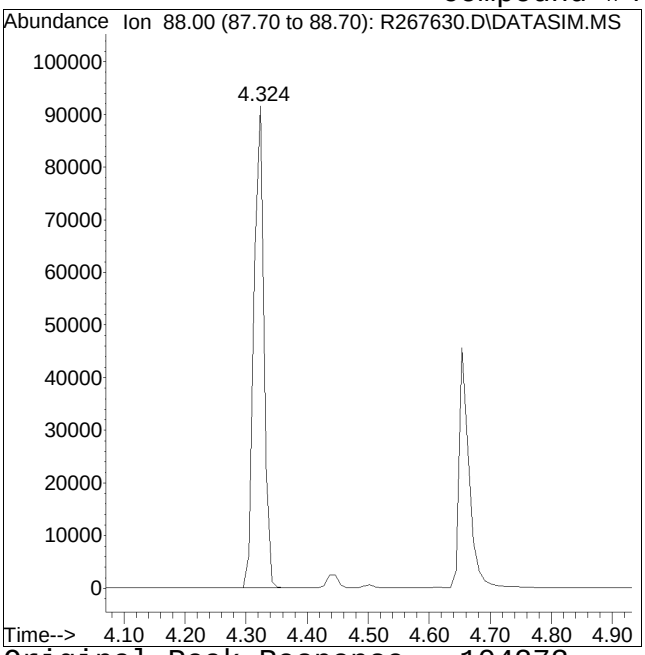
Manual Peak Response = 167702 M3

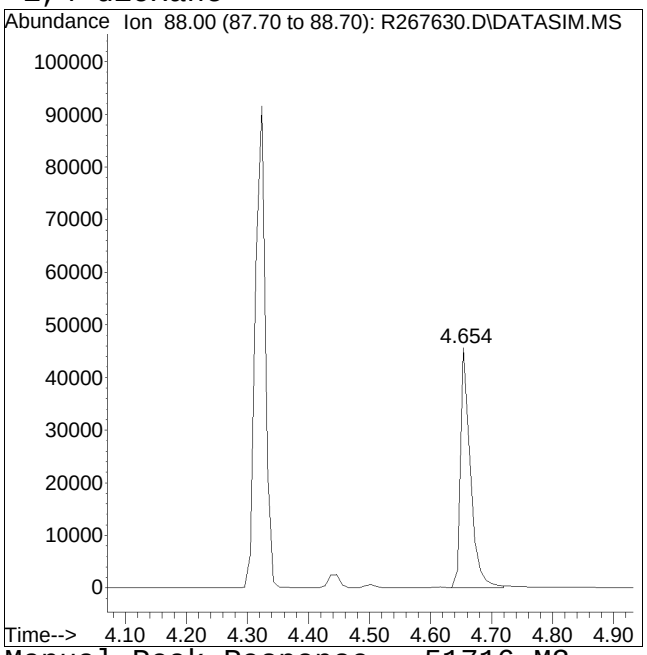
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #43: 1,4-dioxane





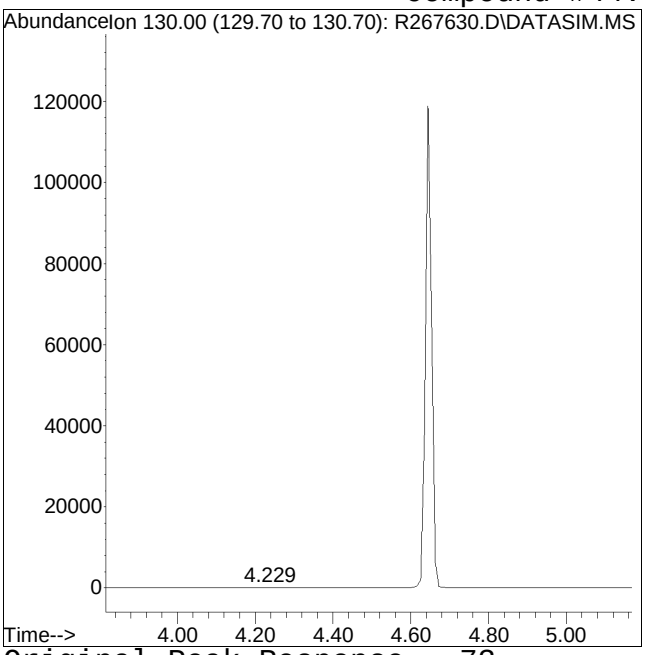
Original Peak Response = 104273 Manual Peak Response = 51716 M3

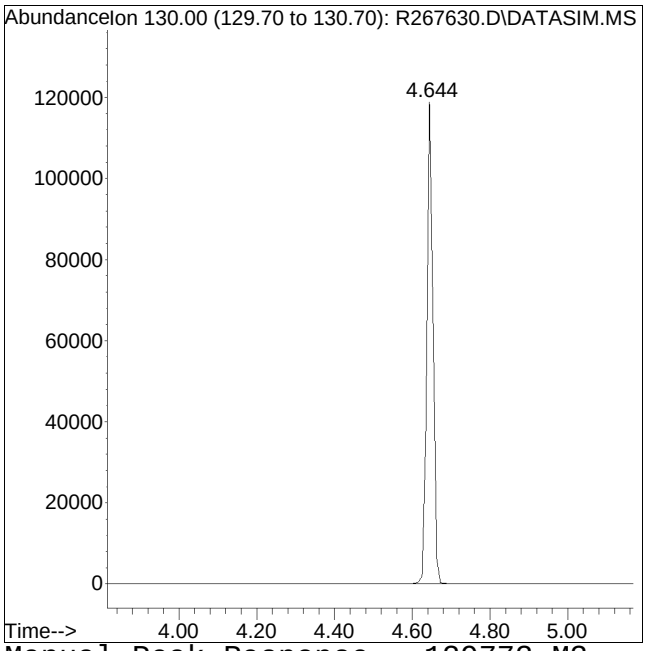
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #44: trichloroethene



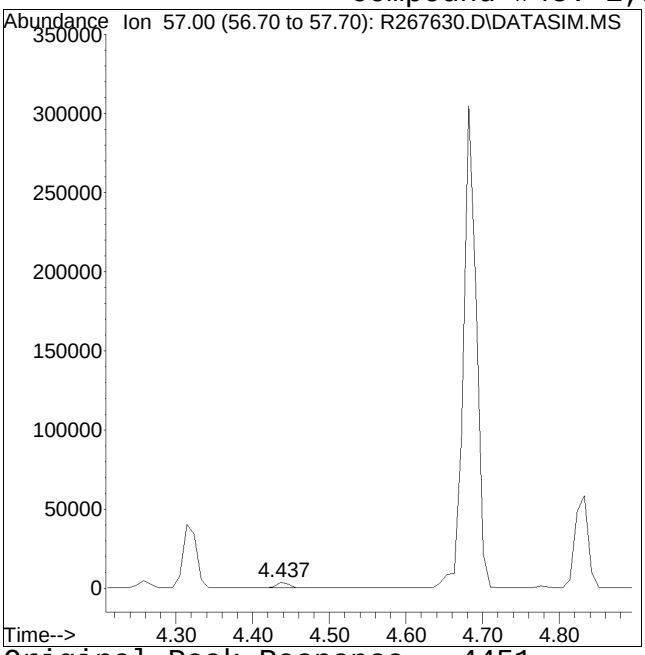


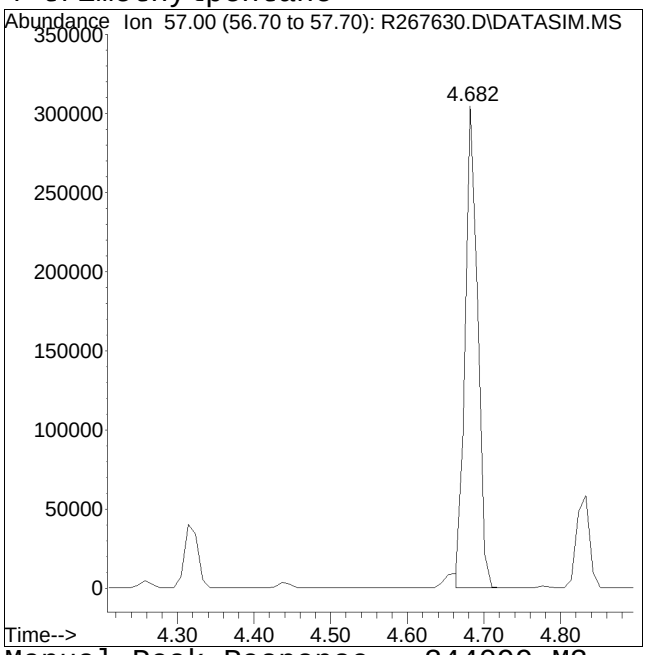
Original Peak Response = 73 Manual Peak Response = 129773 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #45: 2,2,4-trimethylpentane





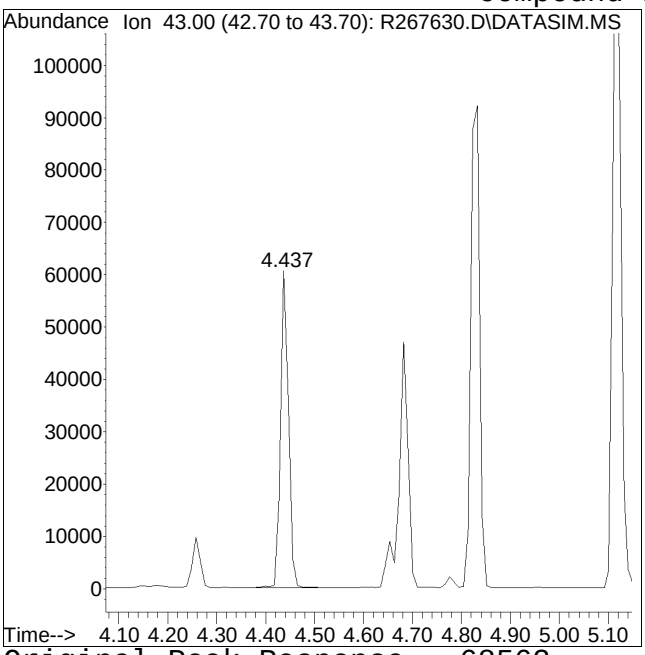
Original Peak Response = 4451 Manual Peak Response = 344099 M3

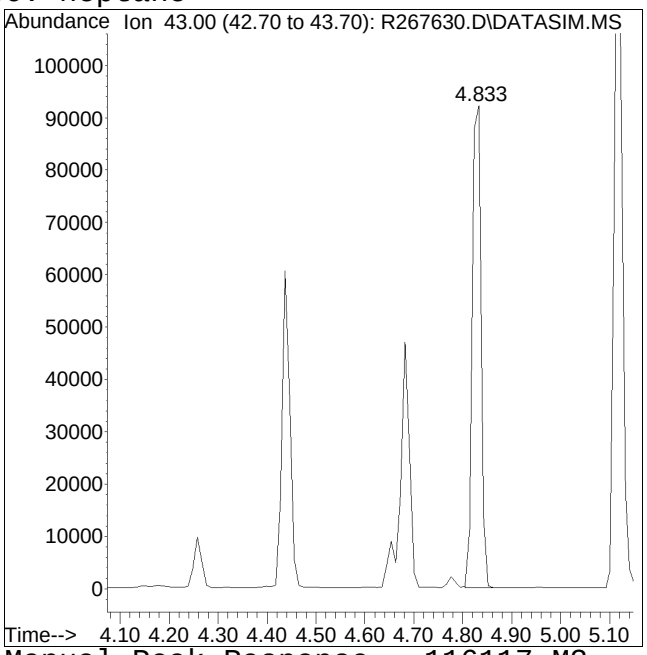
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #46: heptane





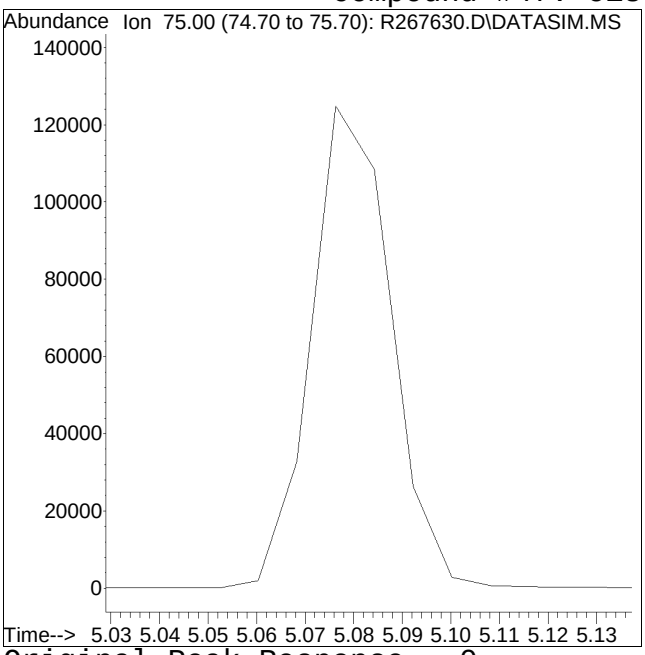
Original Peak Response = 68562 Manual Peak Response = 116117 M3

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.

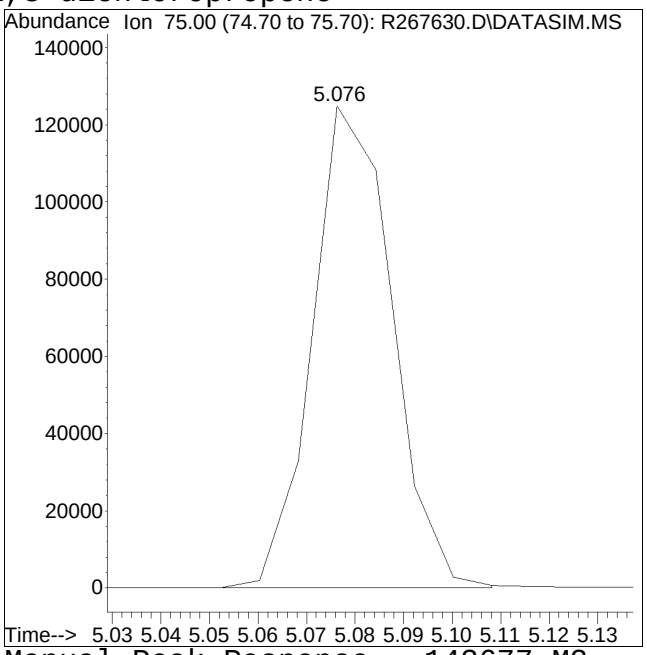
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #47: cis-1,3-dichloropropene



Original Peak Response = 0



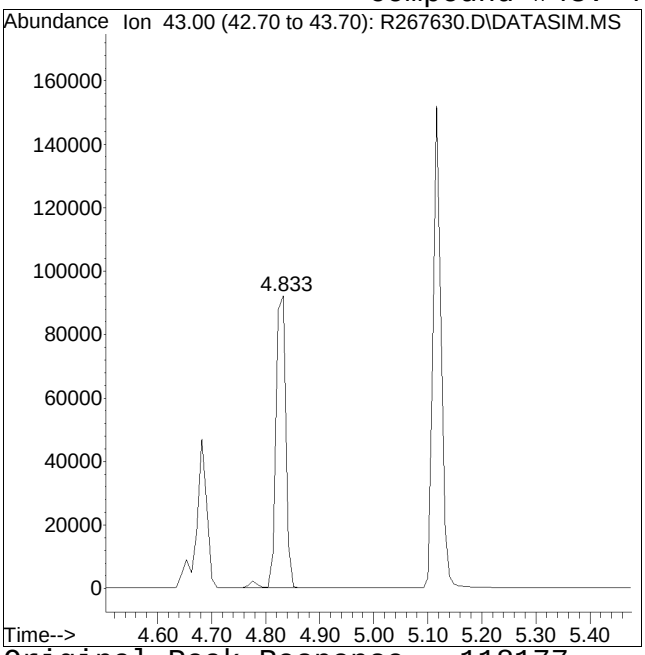
Manual Peak Response = 142677 M2

M2 = Peak not found by automatic integration algorithm.

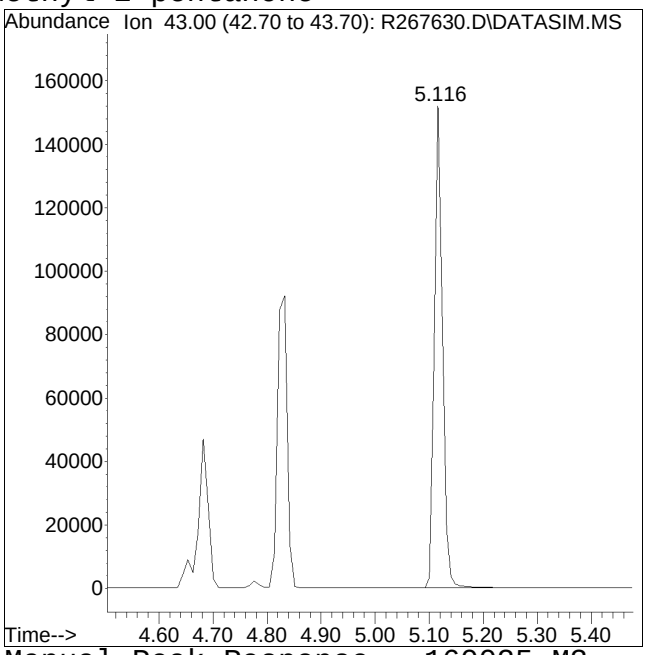
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #48: 4-methyl-2-pentanone



Original Peak Response = 118177



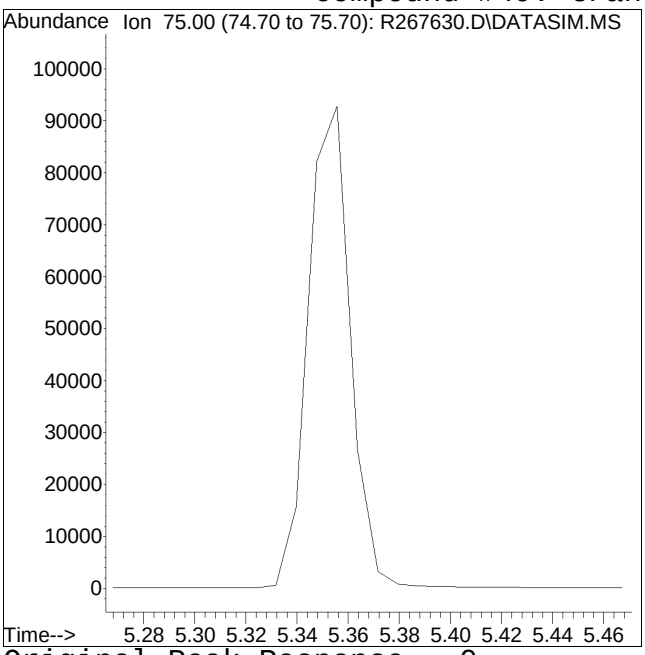
Manual Peak Response = 160025 M3

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.

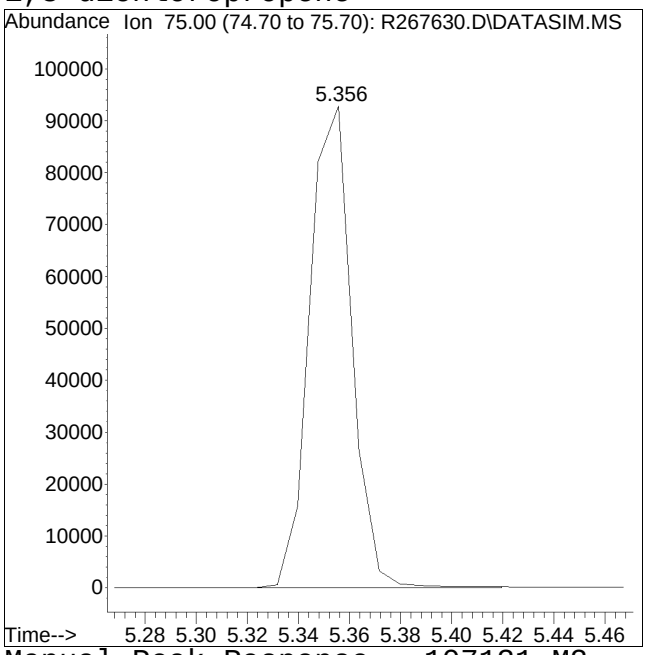
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #49: trans-1,3-dichloropropene



Original Peak Response = 0



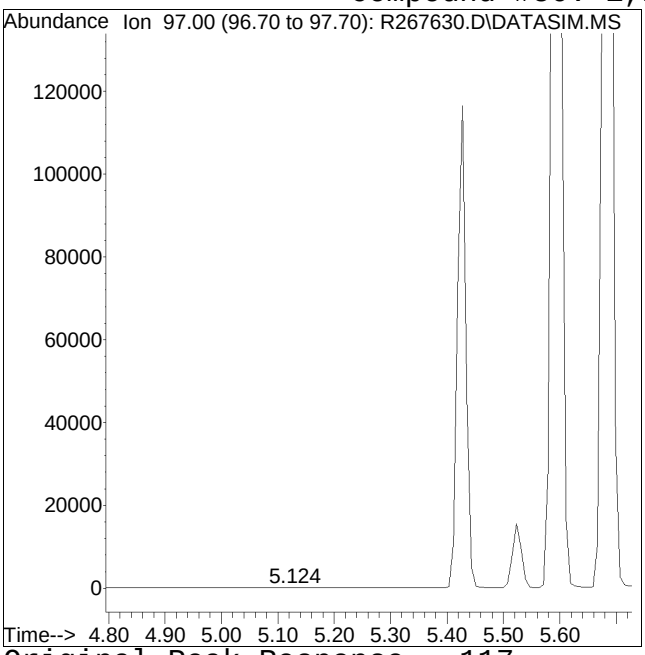
Manual Peak Response = 107131 M2

M2 = Peak not found by automatic integration algorithm.

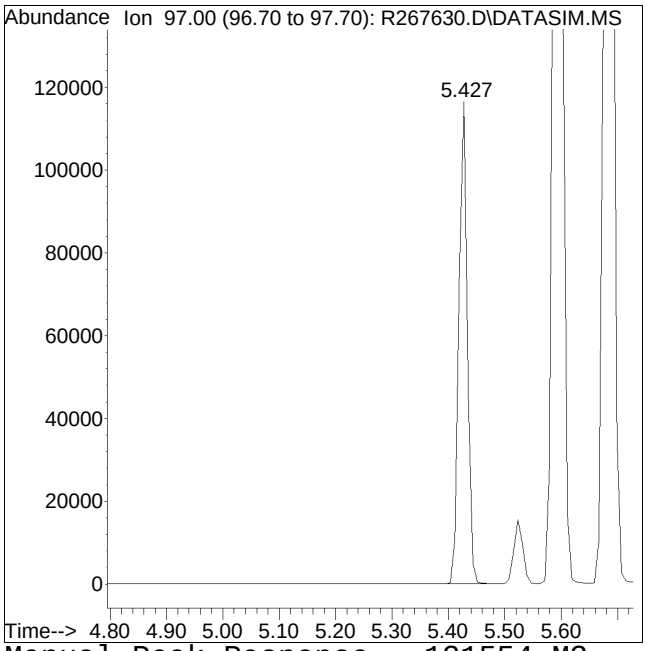
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #50: 1,1,2-trichloroethane



Original Peak Response = 117



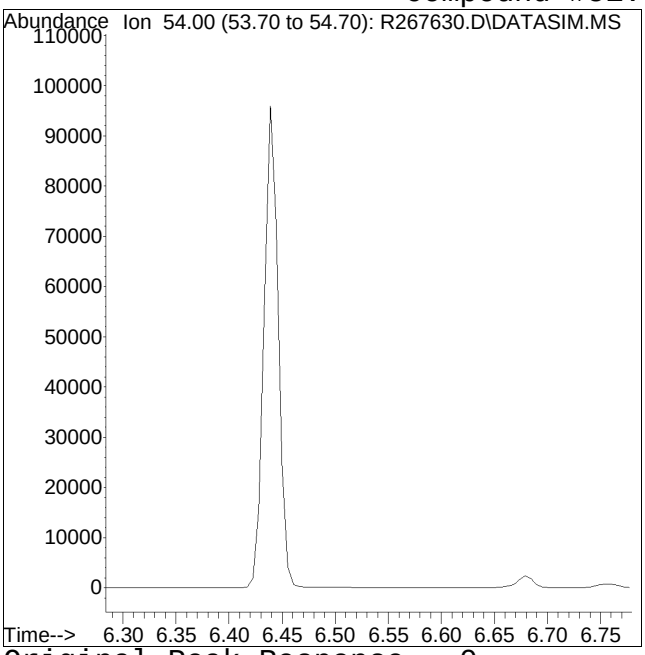
Manual Peak Response = 121554 M3

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.

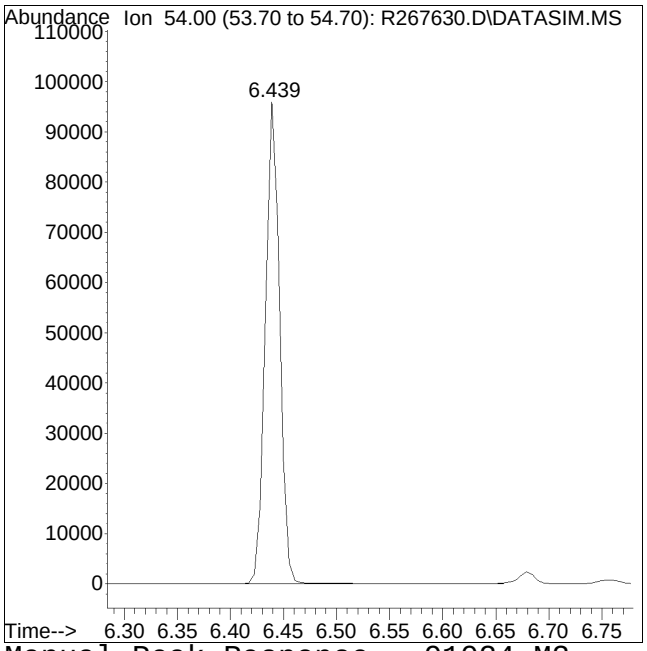
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #51: chlorobenzene-D5



Original Peak Response = 0



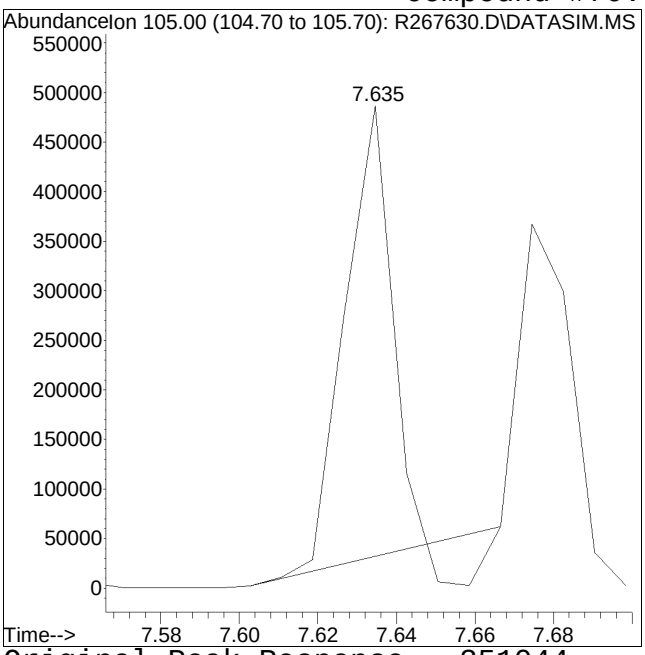
Manual Peak Response = 91024 M2

M2 = Peak not found by automatic integration algorithm.

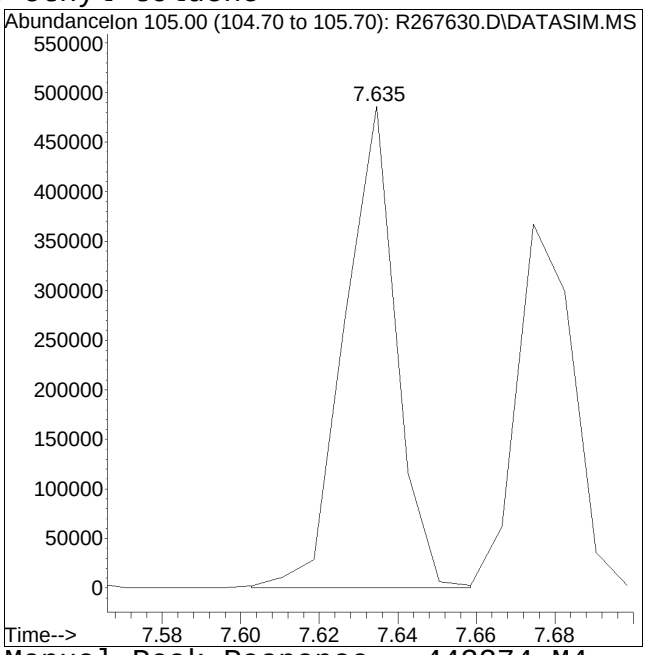
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #70: 4-ethyl toluene



Original Peak Response = 351044



Manual Peak Response = 443374 M4

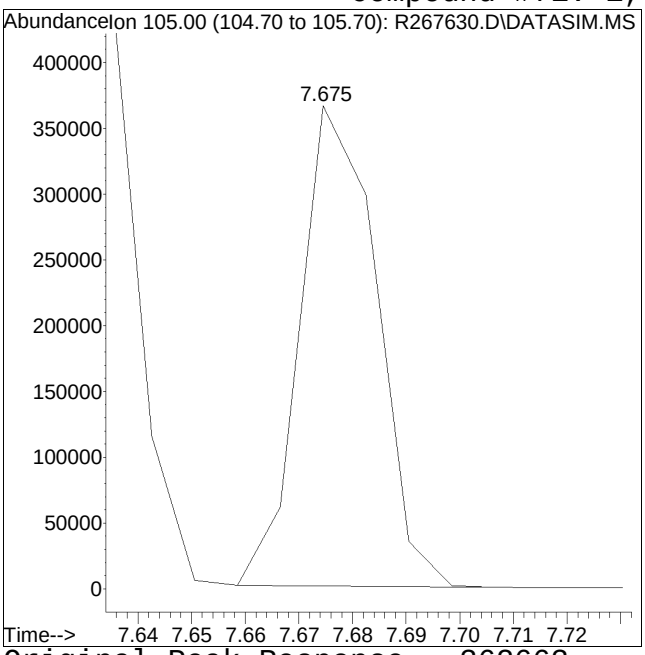
M4 = Poor automated baseline construction.

Manual Integration Report

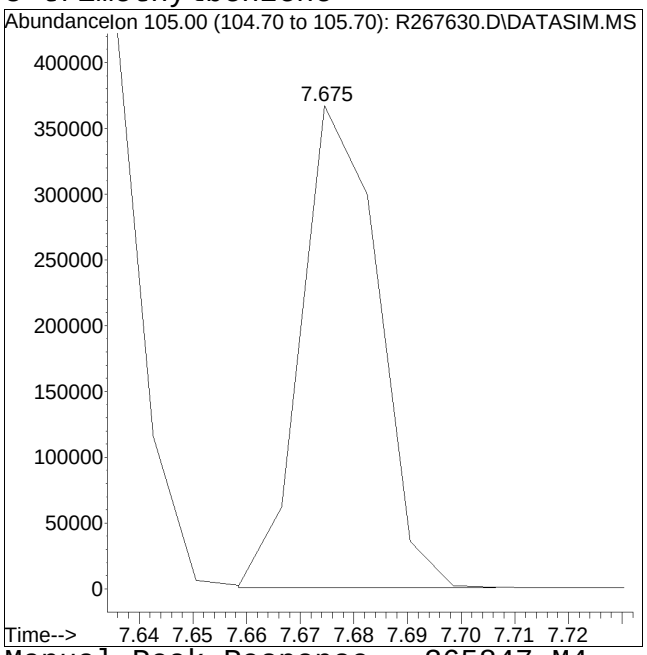
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267630.D
Date Inj'd : 1/8/2026 12:23 am
Sample : ITO15-LLSTD5.0

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:16 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 362663



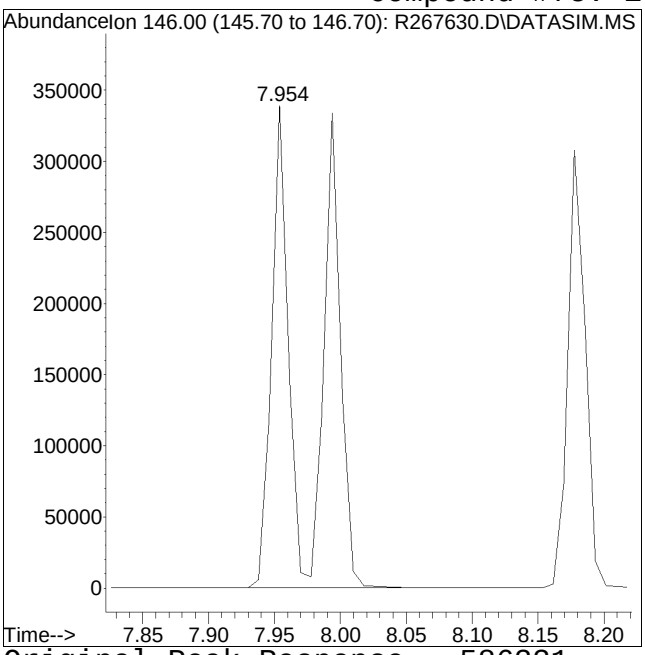
Manual Peak Response = 365847 M4

M4 = Poor automated baseline construction.

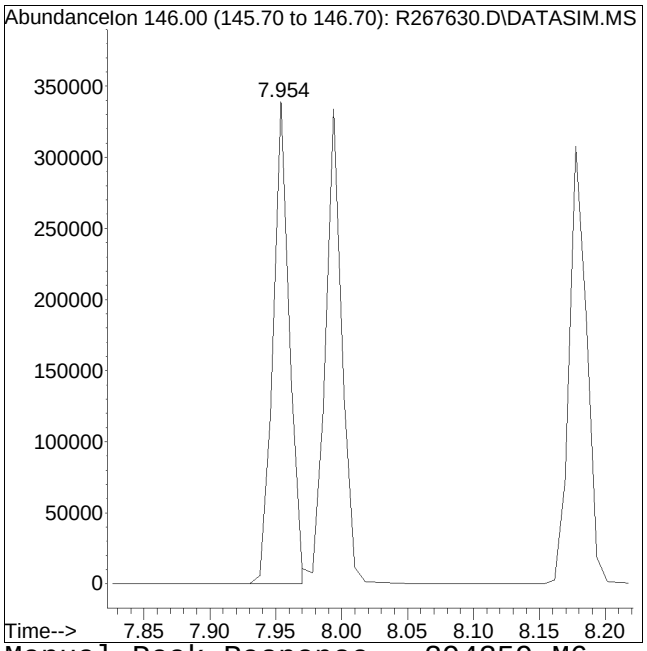
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 586331



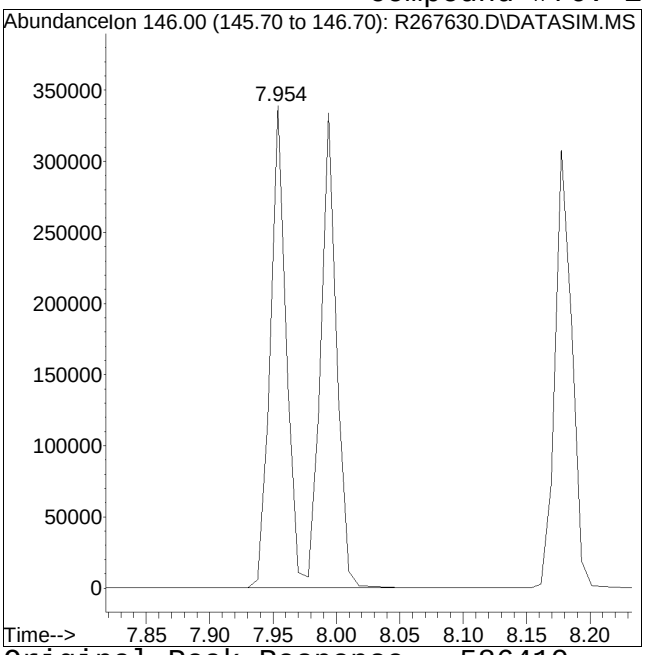
Manual Peak Response = 294359 M6

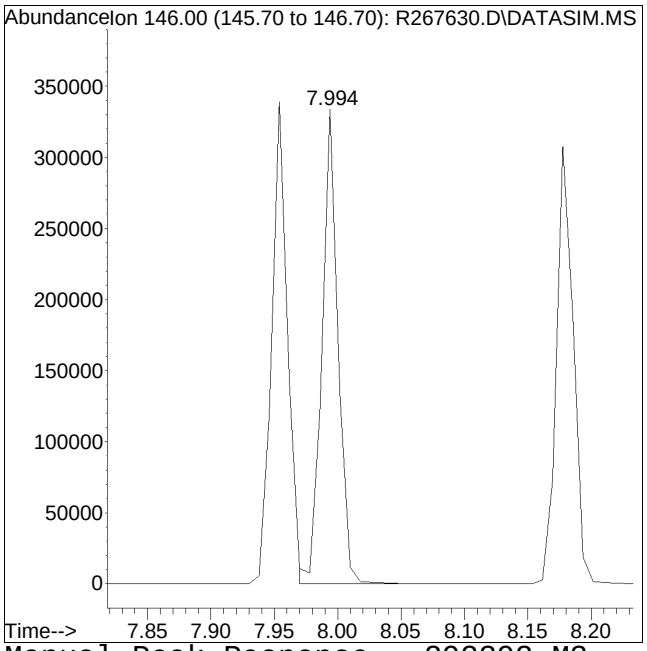
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267630.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:23 am Instrument : Airlab26
Sample : ITO15-LLSTD5.0 Quant Date : 1/8/2026 6:16 am

Compound #76: 1,4-dichlorobenzene





Original Peak Response = 586410 Manual Peak Response = 292392 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\Airlab26\2026\01\0107SIM_I\
Data File : R267631.D
Acq On : 08 Jan 2026 12:59 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD010
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:25:37 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	192369	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 97.85%			
33) 1,4-difluorobenzene	4.324	114	641915	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 97.41%			
51) chlorobenzene-D5	6.439	54	87471	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 96.10%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	147935	10.778	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.78%			
53) toluene-D8	5.515	98	518414	10.195	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.95%			
67) bromofluorobenzene	7.207	95	312148	10.127	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.27%			
Target Compounds						Qvalue
2) propylene	1.933	41	118624	9.721	ppbV	100
3) dichlorodifluoromethane	1.955	85	379910	9.637	ppbV	100
4) chloromethane	1.999	50	129726M6	8.099	ppbV	
5) Freon-114	2.026	85	409321	9.557	ppbV	99
6) vinyl chloride	2.059	62	156209	9.631	ppbV	100
7) 1,3-butadiene	2.103	54	97012	9.699	ppbV	100
8) bromomethane	2.180	94	148545	9.730	ppbV	100
9) chloroethane	2.230	64	86821	9.666	ppbV	100
10) ethanol	2.257	31	332109	48.474	ppbV	99
11) vinyl bromide	2.329	106	146266	9.755	ppbV	100
12) acrolein	2.363	56	69817M4	9.454	ppbV	
13) acetone	2.397	43	777139	47.492	ppbV	99
14) trichlorofluoromethane	2.454	101	347525	9.695	ppbV	99
15) isopropyl alcohol	2.465	45	418480	24.297	ppbV	100
16) acrylonitrile	2.528	53	116573	9.742	ppbV	100
17) 1,1-dichloroethene	2.634	61	215424	9.742	ppbV	100
18) tertiary butyl alcohol	2.643	59	262589	9.993	ppbV	99
19) methylene chloride	2.663	49	138220	8.913	ppbV	91
20) 3-chloropropene	2.701	41	127414	9.478	ppbV #	1
21) carbon disulfide	2.753	76	382457	9.689	ppbV #	87
22) Freon 113	2.753	101	311825	9.720	ppbV	99
23) trans-1,2-dichloroethene	2.971	61	183625	9.854	ppbV	100
24) 1,1-dichloroethane	3.042	63	253689	9.834	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267631.D
Acq On : 08 Jan 2026 12:59 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD010
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:25:37 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.073	73	361219	10.121	ppbV	#	85
26) vinyl acetate	3.108	43	274899M6	10.558	ppbV		
27) 2-butanone	3.197	43	324933	10.715	ppbV		98
28) cis-1,2-dichloroethene	3.366	61	216862	9.907	ppbV		100
29) Ethyl Acetate	3.478	61	55682M6	11.110	ppbV		
30) chloroform	3.493	83	324269	9.775	ppbV	#	100
31) Tetrahydrofuran	3.662	42	126327M6	10.025	ppbV		
32) 1,2-dichloroethane	3.809	62	189700	9.943	ppbV	#	94
34) hexane	3.471	57	210943	9.872	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	327219	10.115	ppbV	#	17
37) benzene	4.126	78	528011	9.787	ppbV	#	100
38) carbon tetrachloride	4.201	117	309721	9.933	ppbV	#	28
39) cyclohexane	4.258	56	220821	9.824	ppbV	#	1
40) Dibromomethane	4.503	93	210743	9.982	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	191378	9.865	ppbV	#	1
42) bromodichloromethane	4.616	83	328239	10.047	ppbV	#	100
43) 1,4-dioxane	4.654	88	110813	10.999	ppbV	#	1
44) trichloroethene	4.644	130	251950	9.966	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	674717	10.065	ppbV	#	58
46) heptane	4.823	43	226247	10.002	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	283436	10.197	ppbV	#	100
48) 4-methyl-2-pentanone	5.116	43	310027	9.945	ppbV	#	60
49) trans-1,3-dichloropropene	5.348	75	211841	10.150	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	237113	10.013	ppbV	#	1
52) toluene	5.563	91	642845	9.959	ppbV		99
54) 2-hexanone	5.731	43	300554	10.063	ppbV		100
55) dibromochloromethane	5.763	129	328613	10.212	ppbV		99
56) 1,2-dibromoethane	5.883	107	340324	10.055	ppbV		99
57) tetrachloroethene	6.130	166	288694	9.993	ppbV		100
58) 1,1,1,2-tetrachloroethane	6.455	131	271833	10.121	ppbV	#	100
59) chlorobenzene	6.461	112	521919	9.903	ppbV		100
60) ethylbenzene	6.663	91	826354	9.934	ppbV		99
61) m+p-xylene	6.756	91	1260075	19.458	ppbV		99
62) bromoform	6.756	173	292894	10.229	ppbV		99
63) styrene	6.934	104	504801	10.238	ppbV		100
64) 1,1,2,2-tetrachloroethane	6.975	83	487904	9.838	ppbV		98
65) o-xylene	6.981	91	622692	9.901	ppbV		100
66) 1,2,3-Trichloropropane	7.039	75	375337	9.975	ppbV		99
68) isopropylbenzene	7.289	105	934576	9.813	ppbV		98
69) Bromobenzene	7.301	77	592292	9.832	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267631.D
Acq On : 08 Jan 2026 12:59 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD010
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:25:37 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

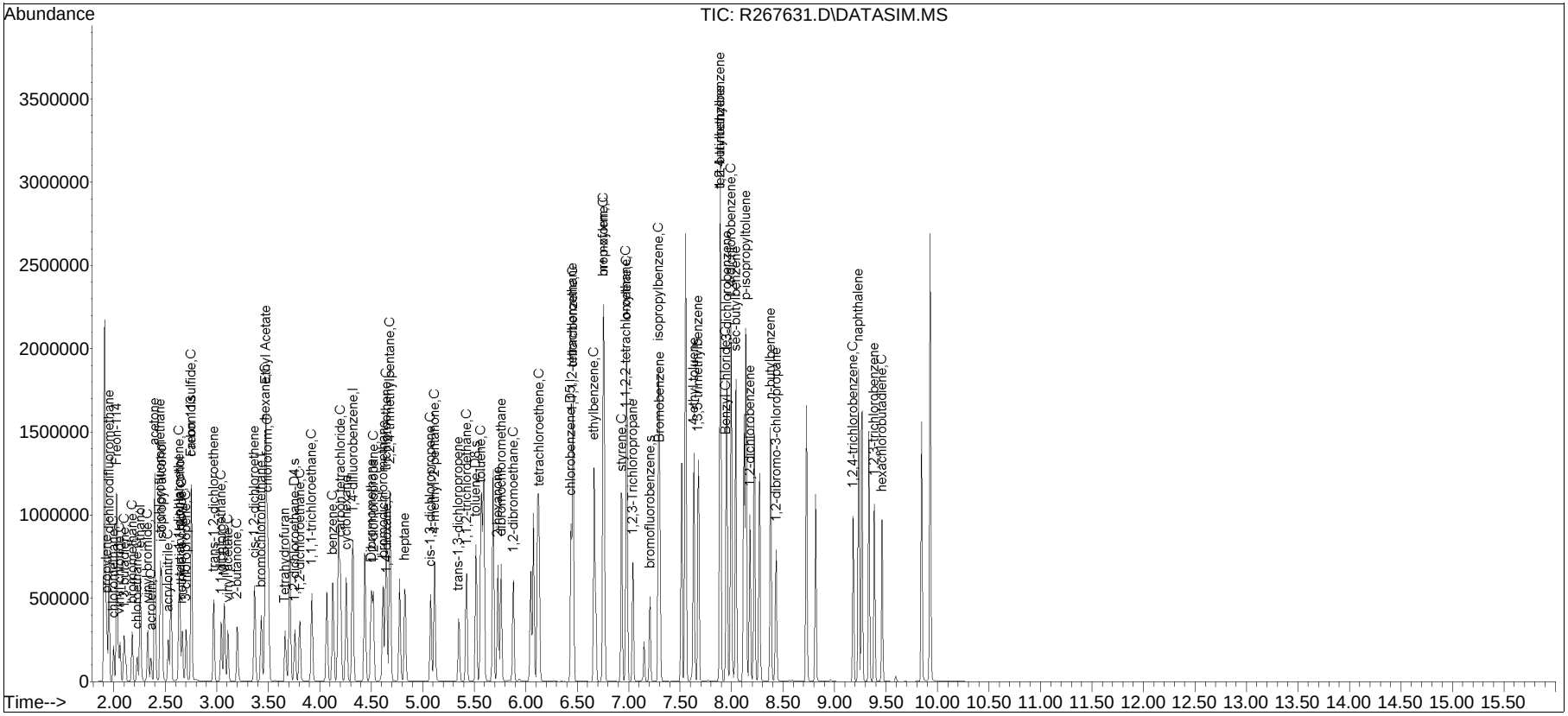
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 4-ethyl toluene	7.635	105	830845M4	9.750	ppbV		
71) 1,3,5-trimethylbenzene	7.675	105	703972M4	10.100	ppbV		
72) tert-butylbenzene	7.890	119	817363	9.824	ppbV		98
73) 1,2,4-trimethylbenzene	7.890	105	733378	9.794	ppbV		99
74) Benzyl Chloride	7.946	91	614099	10.114	ppbV		100
75) 1,3-dichlorobenzene	7.954	146	556850M6	9.843	ppbV		
76) 1,4-dichlorobenzene	7.994	146	557201M6	9.915	ppbV		
77) sec-butylbenzene	8.042	105	1120089	9.442	ppbV		97
78) p-isopropyltoluene	8.138	119	1039492	9.842	ppbV		99
79) 1,2-dichlorobenzene	8.178	146	546307	9.987	ppbV		99
80) n-butylbenzene	8.377	91	958695	9.635	ppbV		97
81) 1,2-dibromo-3-chloropr...	8.433	75	258445	10.186	ppbV	#	93
82) 1,2,4-trichlorobenzene	9.179	180	534786	10.030	ppbV		99
83) naphthalene	9.232	128	1372652	9.739	ppbV		99
84) 1,2,3-trichlorobenzene	9.384	180	598670	9.701	ppbV		99
85) hexachlorobutadiene	9.460	225	375402	10.365	ppbV		98

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267631.D
Acq On : 08 Jan 2026 12:59 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD010
Misc : WG2163147
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 08 06:25:37 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

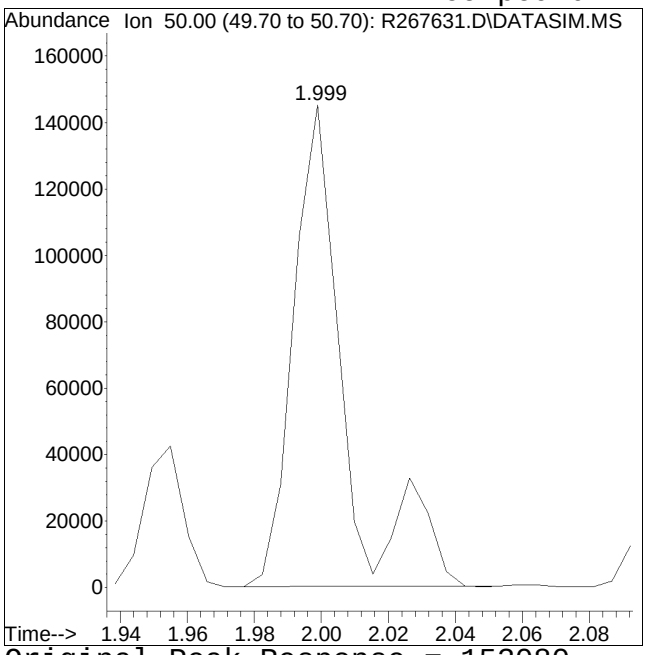


Manual Integration Report

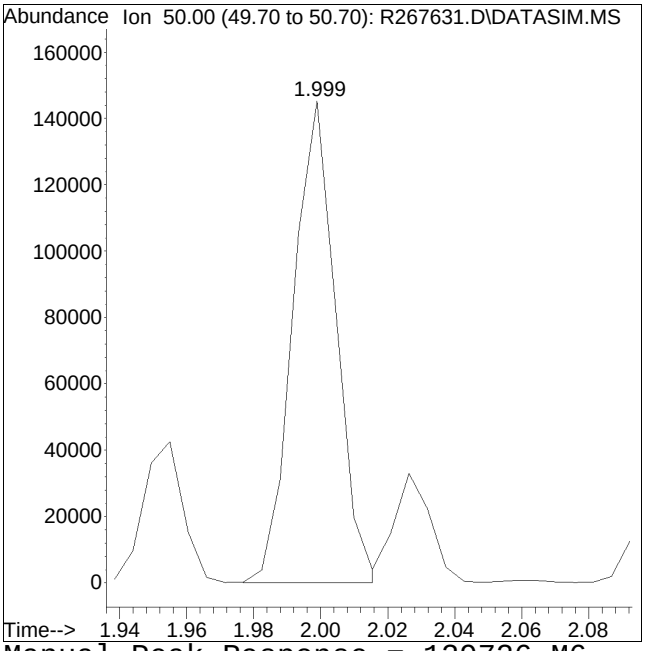
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Data File : R267631.D
Date Inj'd : 1/8/2026 12:59 am
Sample : ITO15-LLSTD010

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 153080



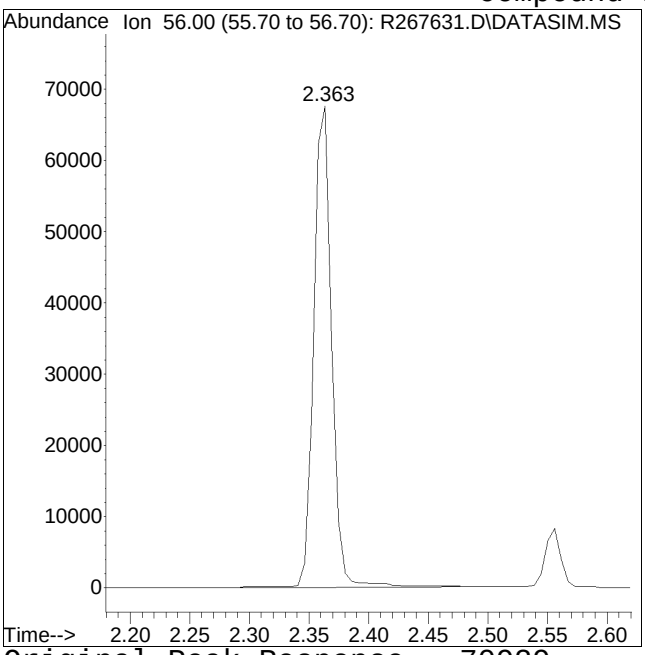
Manual Peak Response = 129726 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

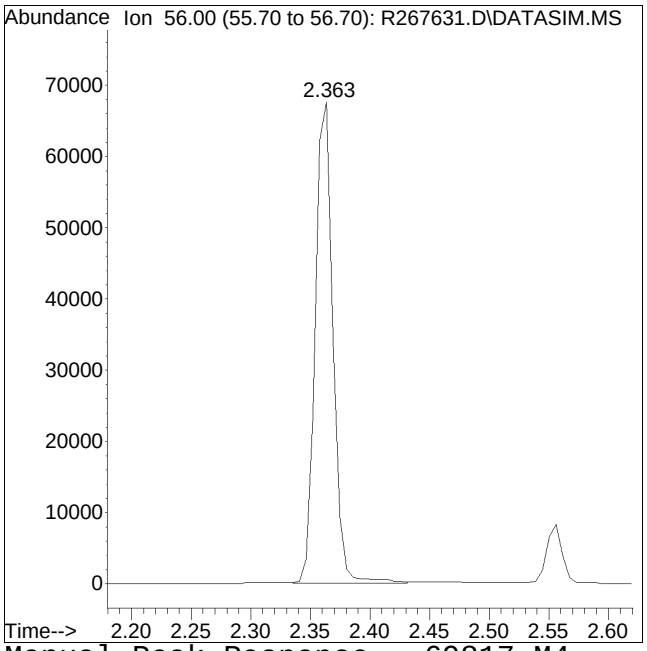
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #12: acrolein



Original Peak Response = 70929



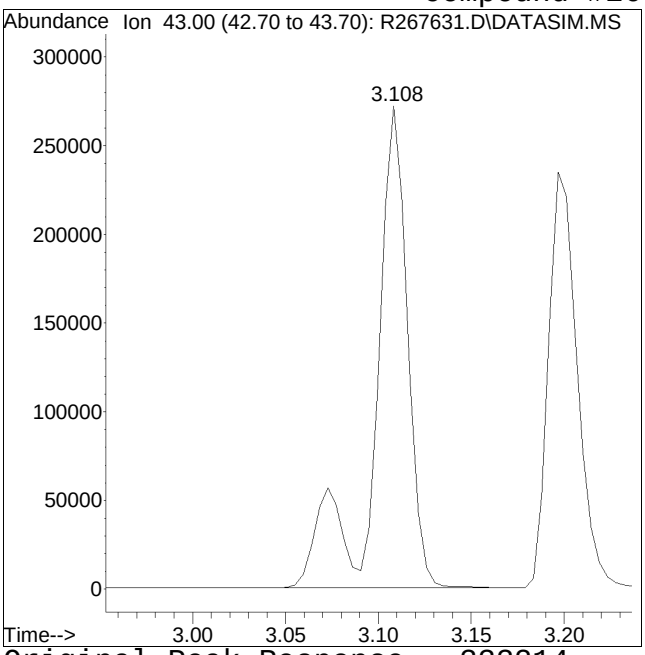
Manual Peak Response = 69817 M4

M4 = Poor automated baseline construction.

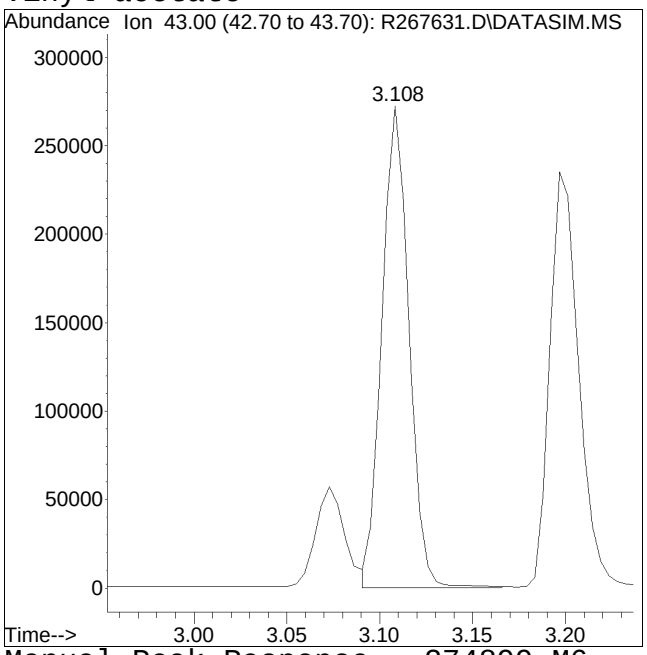
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 333214



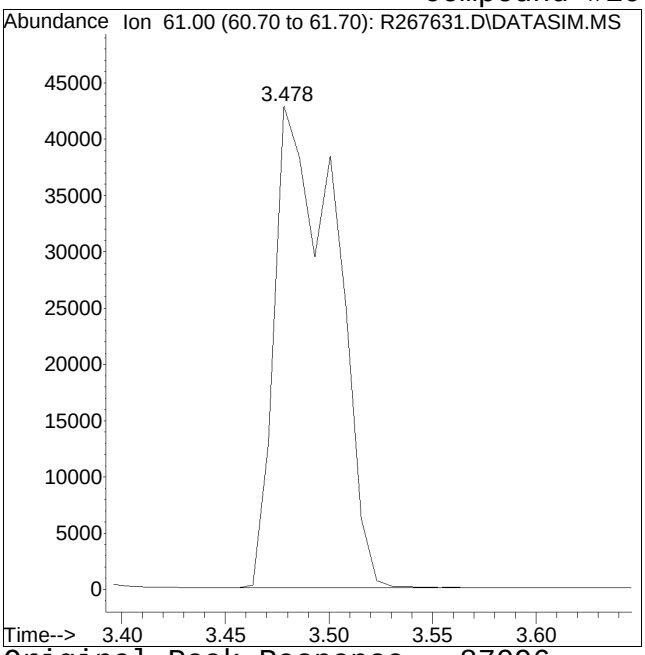
Manual Peak Response = 274899 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

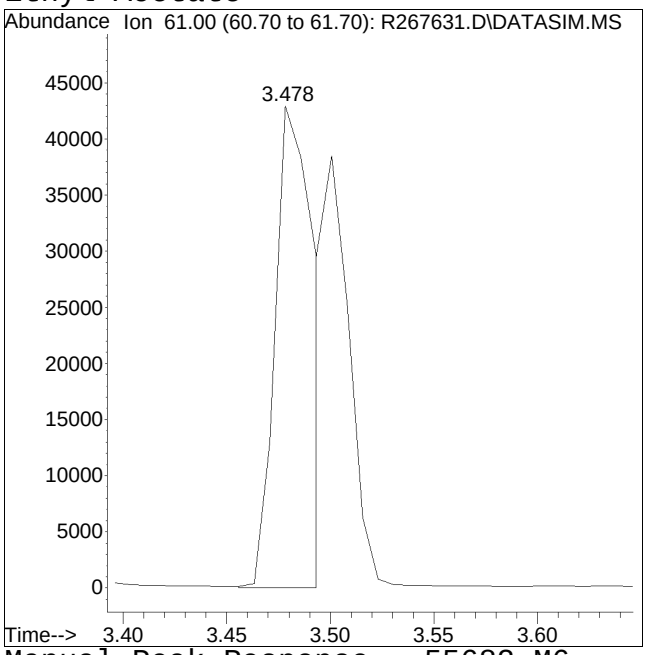
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 87096



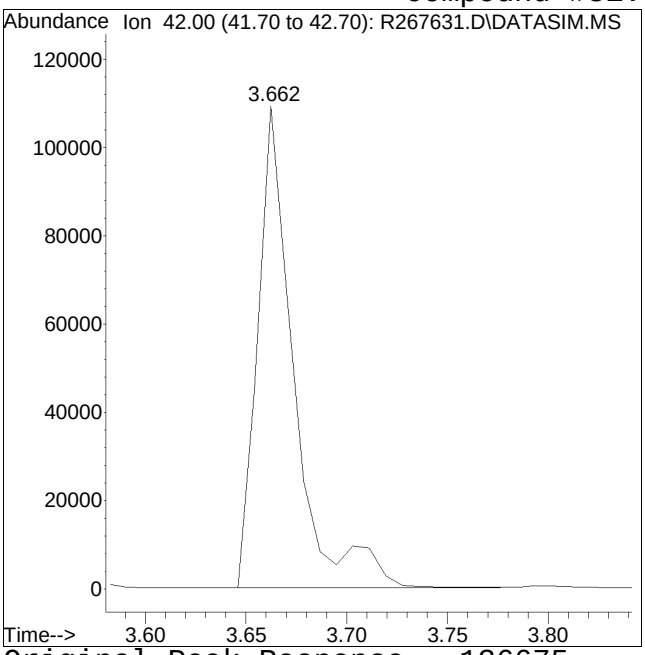
Manual Peak Response = 55682 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

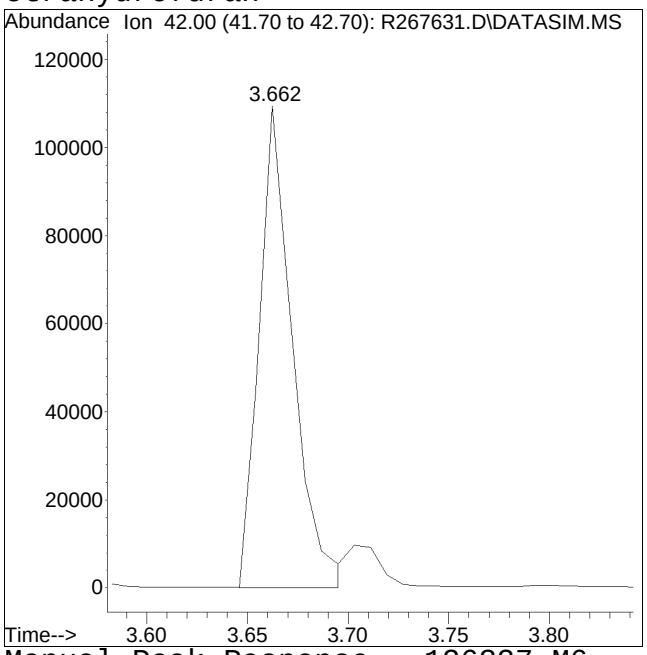
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 136675



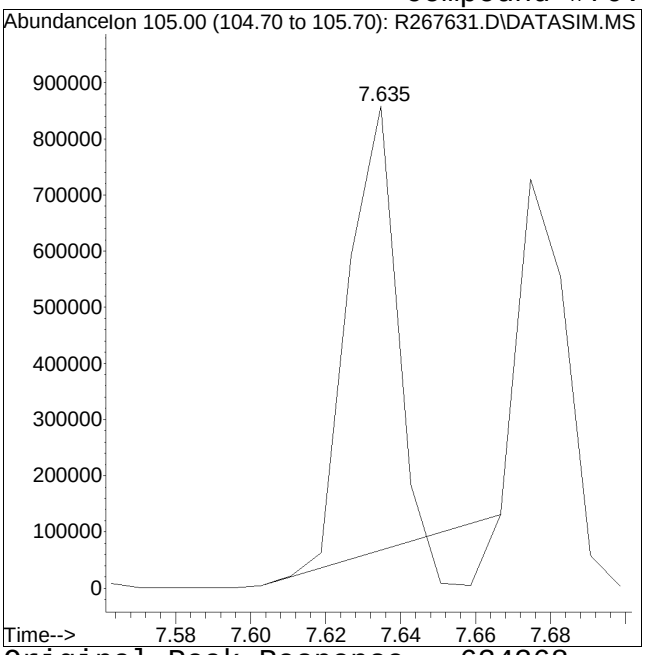
Manual Peak Response = 126327 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

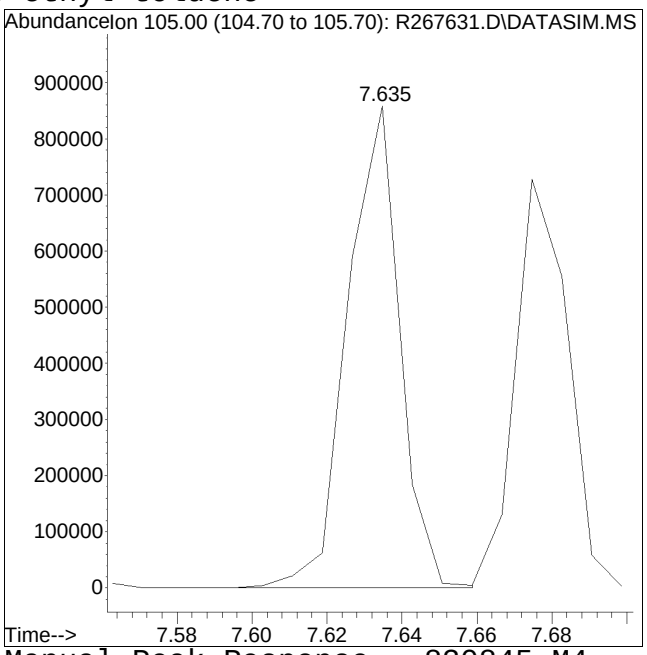
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 634368



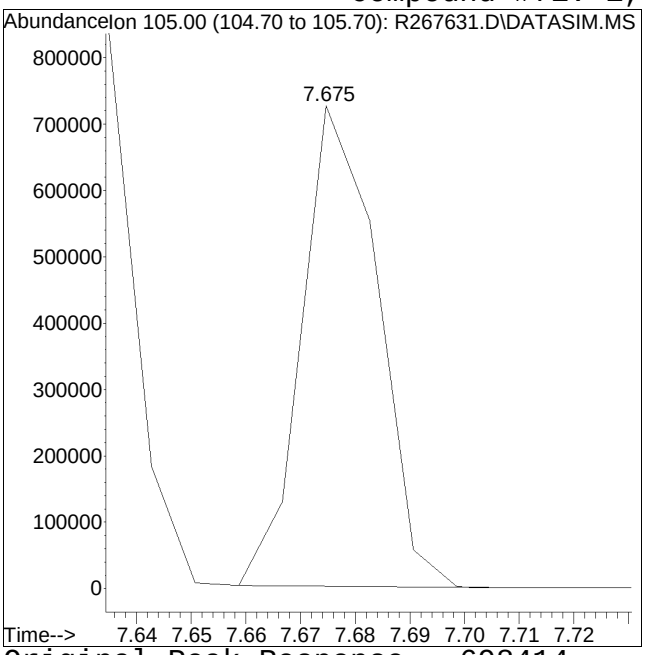
Manual Peak Response = 830845 M4

M4 = Poor automated baseline construction.

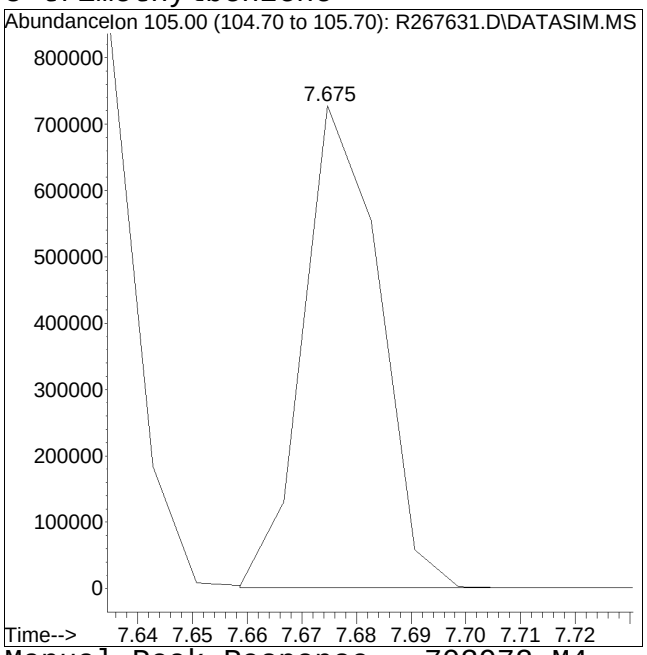
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 698414



Manual Peak Response = 703972 M4

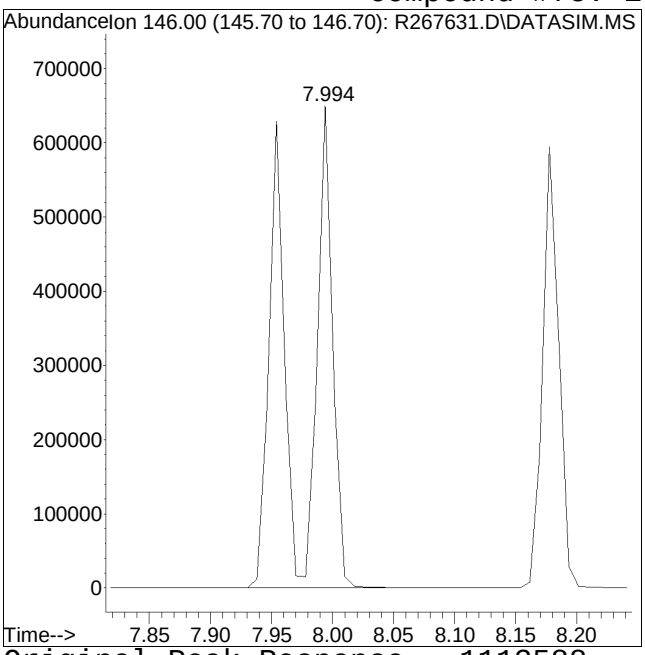
M4 = Poor automated baseline construction.

Manual Integration Report

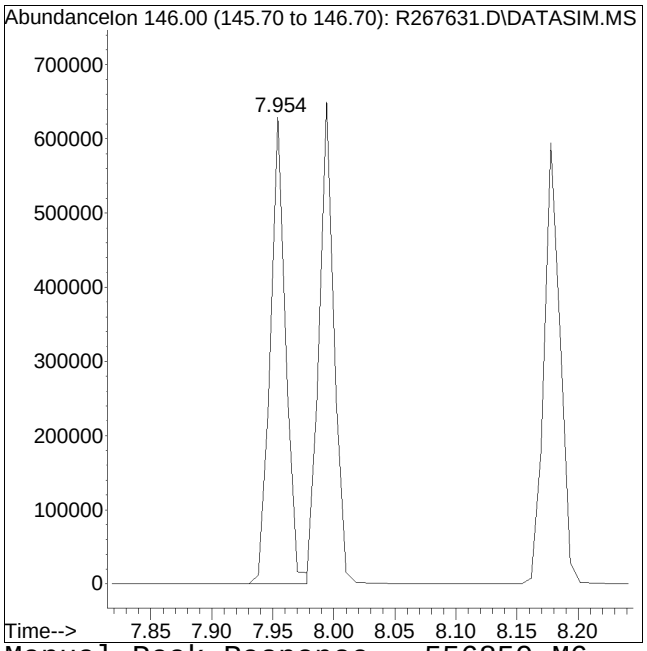
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267631.D
Date Inj'd : 1/8/2026 12:59 am
Sample : ITO15-LLSTD010

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 1113588



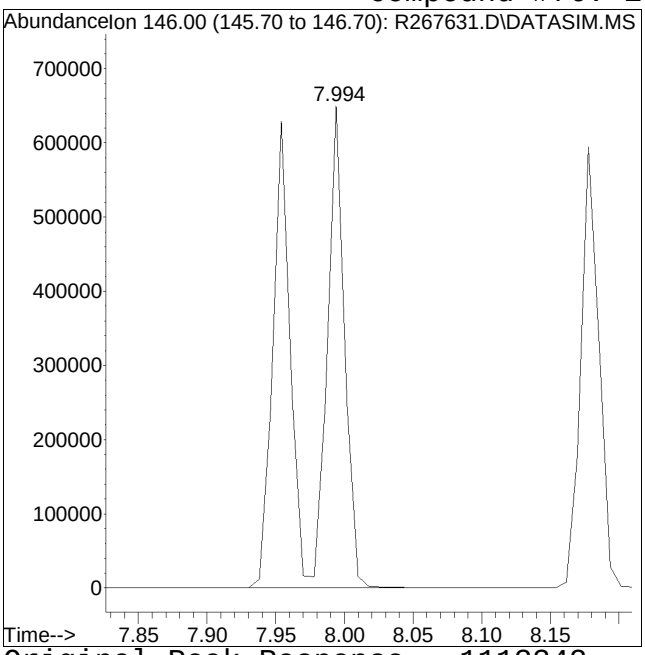
Manual Peak Response = 556850 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

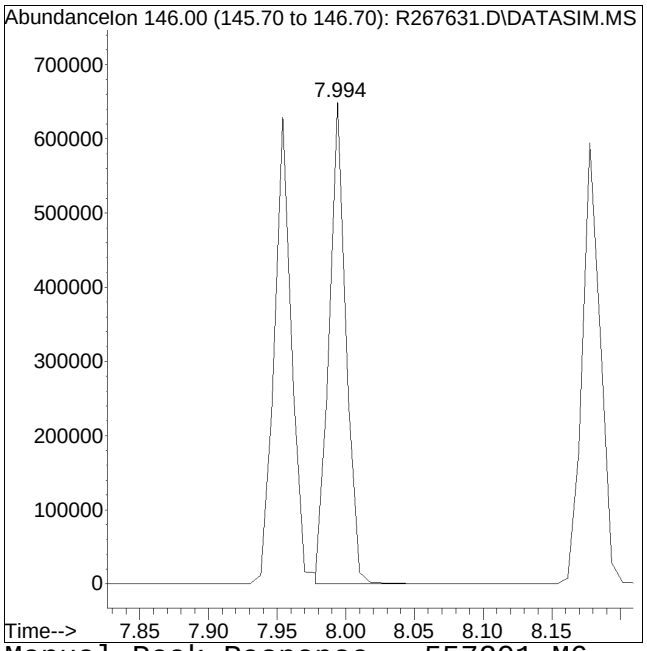
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267631.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 12:59 am Instrument : Airlab26
Sample : ITO15-LLSTD010 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 1113342



Manual Peak Response = 557201 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267632.D
Acq On : 08 Jan 2026 01:32 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD020
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:45 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	183494	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 93.34%			
33) 1,4-difluorobenzene	4.324	114	610822	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 92.69%			
51) chlorobenzene-D5	6.439	54	84350	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 92.67%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	132132M4	10.116	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.16%			
53) toluene-D8	5.515	98	490802	10.009	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.09%			
67) bromofluorobenzene	7.208	95	297682	10.015	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.15%			
Target Compounds						Qvalue
2) propylene	1.933	41	228068	19.595	ppbV	99
3) dichlorodifluoromethane	1.955	85	715072	19.016	ppbV	99
4) chloromethane	1.999	50	248123M6	16.240	ppbV	
5) Freon-114	2.026	85	765119	18.729	ppbV	98
6) vinyl chloride	2.059	62	300993	19.455	ppbV	99
7) 1,3-butadiene	2.098	54	195351	20.475	ppbV	98
8) bromomethane	2.180	94	290479	19.946	ppbV	100
9) chloroethane	2.224	64	169976	19.839	ppbV	99
10) ethanol	2.257	31	630657	96.501	ppbV	98
11) vinyl bromide	2.329	106	296098	20.703	ppbV	99
12) acrolein	2.358	56	137887	19.575	ppbV	100
13) acetone	2.397	43	1489012	95.398	ppbV	98
14) trichlorofluoromethane	2.454	101	668068	19.539	ppbV	99
15) isopropyl alcohol	2.465	45	925558	56.338	ppbV	99
16) acrylonitrile	2.528	53	226334	19.829	ppbV	100
17) 1,1-dichloroethene	2.629	61	416897	19.764	ppbV	99
18) tertiary butyl alcohol	2.643	59	580428	23.157	ppbV	99
19) methylene chloride	2.663	49	267704	18.098	ppbV	91
20) 3-chloropropene	2.701	41	259070	20.203	ppbV #	1
21) carbon disulfide	2.753	76	763473	20.276	ppbV	96
22) Freon 113	2.753	101	598886	19.571	ppbV	99
23) trans-1,2-dichloroethene	2.971	61	412894	23.230	ppbV	97

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267632.D
Acq On : 08 Jan 2026 01:32 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD020
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:45 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 1,1-dichloroethane	3.042	63	548697	22.298	ppbV		99
25) MTBE	3.073	73	754791	22.172	ppbV	#	84
26) vinyl acetate	3.108	43	600076M4	24.162	ppbV		
27) 2-butanone	3.197	43	642065	22.196	ppbV		99
28) cis-1,2-dichloroethene	3.366	61	423081	20.263	ppbV		99
29) Ethyl Acetate	3.478	61	112809M6	23.596	ppbV		
30) chloroform	3.493	83	635327	20.078	ppbV	#	100
31) Tetrahydrofuran	3.654	42	251002M6	20.881	ppbV		
32) 1,2-dichloroethane	3.809	62	372092	20.446	ppbV	#	94
34) hexane	3.471	57	418962	20.605	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	634925	20.627	ppbV	#	16
37) benzene	4.126	78	1016121	19.793	ppbV	#	100
38) carbon tetrachloride	4.201	117	609994	20.560	ppbV	#	30
39) cyclohexane	4.258	56	456883	21.360	ppbV	#	1
40) Dibromomethane	4.503	93	398948	19.859	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	372560	20.181	ppbV	#	1
42) bromodichloromethane	4.616	83	669428	21.534	ppbV	#	100
43) 1,4-dioxane	4.644	88	231639	24.162	ppbV	#	1
44) trichloroethene	4.644	130	483998	20.119	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	1325798	20.785	ppbV	#	57
46) heptane	4.823	43	453052	21.048	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	572965	21.663	ppbV	#	100
48) 4-methyl-2-pentanone	5.116	43	613944M3	20.696	ppbV		
49) trans-1,3-dichloropropene	5.348	75	441561	22.234	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	467301	20.739	ppbV	#	1
52) toluene	5.563	91	1225104	19.681	ppbV		98
54) 2-hexanone	5.731	43	601538	20.886	ppbV		99
55) dibromochloromethane	5.763	129	671992	21.655	ppbV		100
56) 1,2-dibromoethane	5.883	107	677136	20.746	ppbV		99
57) tetrachloroethene	6.130	166	562564	20.194	ppbV		100
58) 1,1,1,2-tetrachloroethane	6.455	131	524369	20.246	ppbV	#	100
59) chlorobenzene	6.461	112	1006154	19.798	ppbV		99
60) ethylbenzene	6.663	91	1545407	19.265	ppbV		97
61) m+p-xylene	6.756	91	2333202	37.363	ppbV		97
62) bromoform	6.756	173	615743	22.301	ppbV		99
63) styrene	6.934	104	988382	20.787	ppbV		99
64) 1,1,2,2-tetrachloroethane	6.975	83	966876	20.217	ppbV		98
65) o-xylene	6.981	91	1169626	19.286	ppbV		98
66) 1,2,3-Trichloropropane	7.039	75	710702	19.587	ppbV		99
68) isopropylbenzene	7.289	105	1640937	17.867	ppbV		96

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267632.D
Acq On : 08 Jan 2026 01:32 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD020
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:45 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

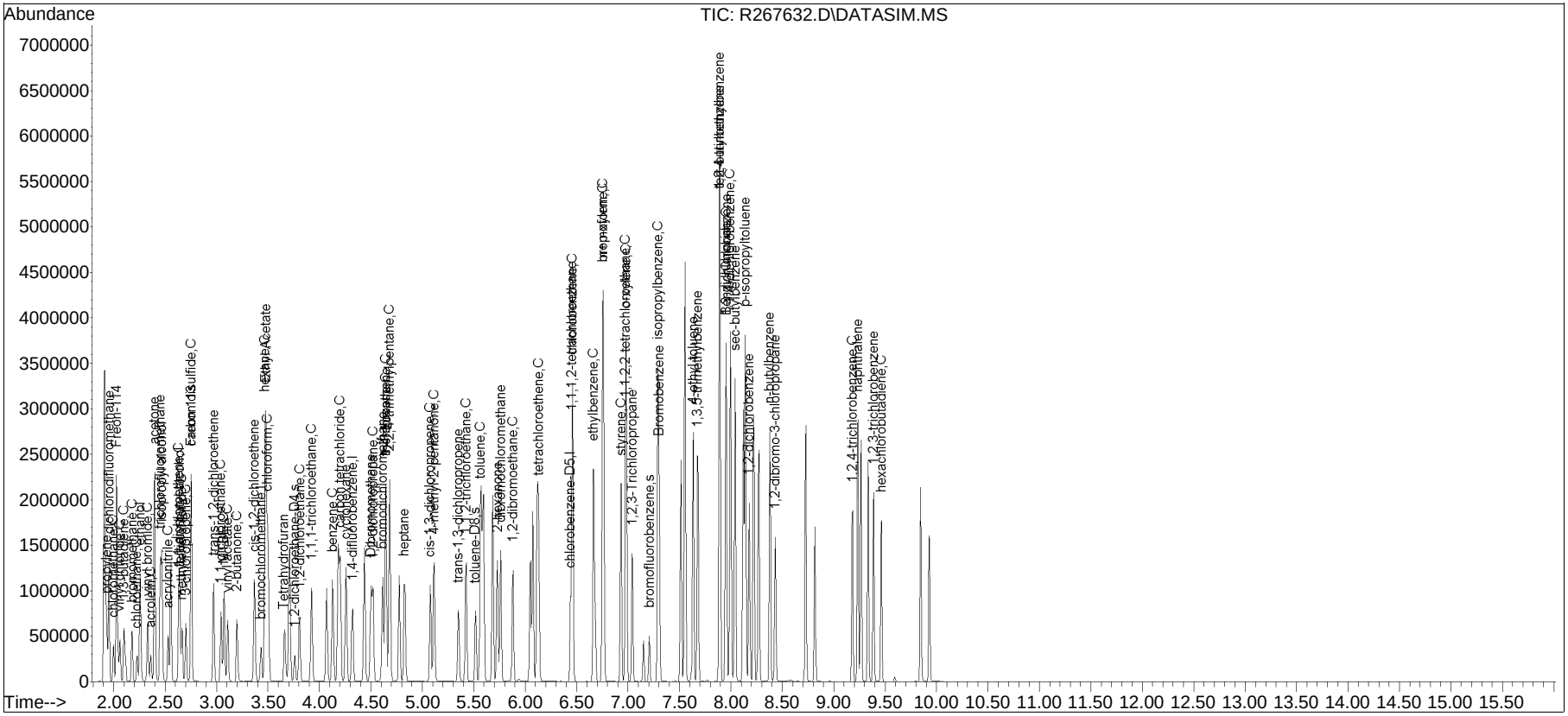
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Bromobenzene	7.301	77	1103119	18.989	ppbV		95
70) 4-ethyl toluene	7.635	105	1630085M6	19.837	ppbV		
71) 1,3,5-trimethylbenzene	7.675	105	1340536M4	19.944	ppbV		
72) tert-butylbenzene	7.890	119	1494558	18.627	ppbV		96
73) 1,2,4-trimethylbenzene	7.890	105	1401139	19.403	ppbV		98
74) Benzyl Chloride	7.954	91	1286949	21.979	ppbV		98
75) 1,3-dichlorobenzene	7.954	146	1096394M4	20.097	ppbV		
76) 1,4-dichlorobenzene	7.994	146	1110807M6	20.498	ppbV		
77) sec-butylbenzene	8.042	105	2025099	17.703	ppbV		95
78) p-isopropyltoluene	8.138	119	1886732	18.526	ppbV		97
79) 1,2-dichlorobenzene	8.178	146	1074097	20.362	ppbV		99
80) n-butylbenzene	8.377	91	1742422	18.160	ppbV		95
81) 1,2-dibromo-3-chloropr...	8.433	75	518558	21.195	ppbV	#	94
82) 1,2,4-trichlorobenzene	9.183	180	1105878	21.508	ppbV		98
83) naphthalene	9.236	128	2397904	17.642	ppbV		98
84) 1,2,3-trichlorobenzene	9.388	180	1134666	19.066	ppbV		99
85) hexachlorobutadiene	9.464	225	747140	21.392	ppbV		99

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267632.D
Acq On : 08 Jan 2026 01:32 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD020
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:45 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

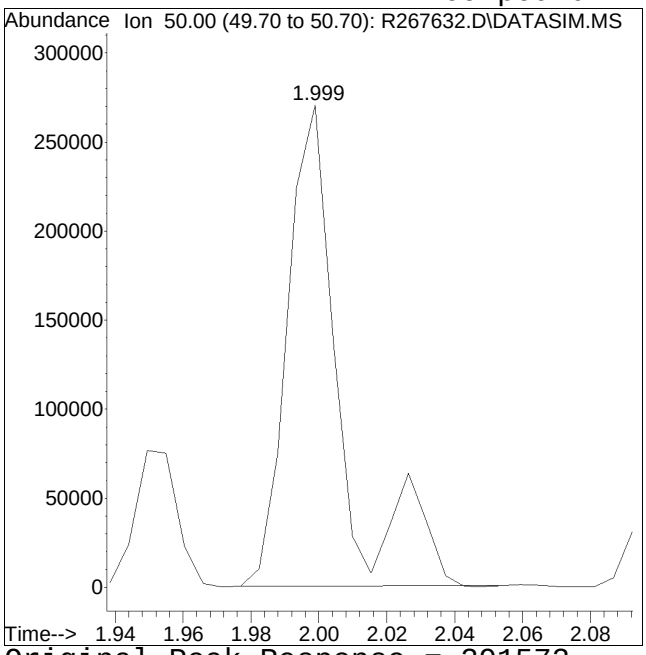


Manual Integration Report

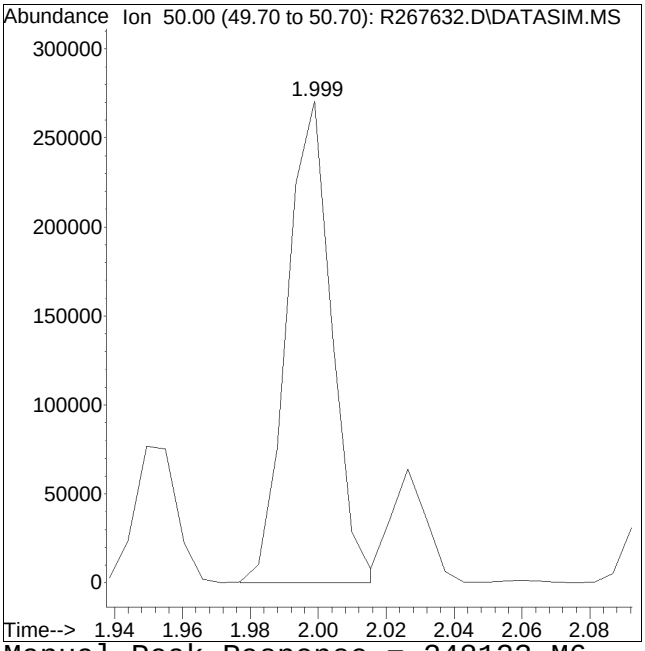
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Data File : R267632.D
Date Inj'd : 1/8/2026 1:32 am
Sample : ITO15-LLSTD020

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 291572



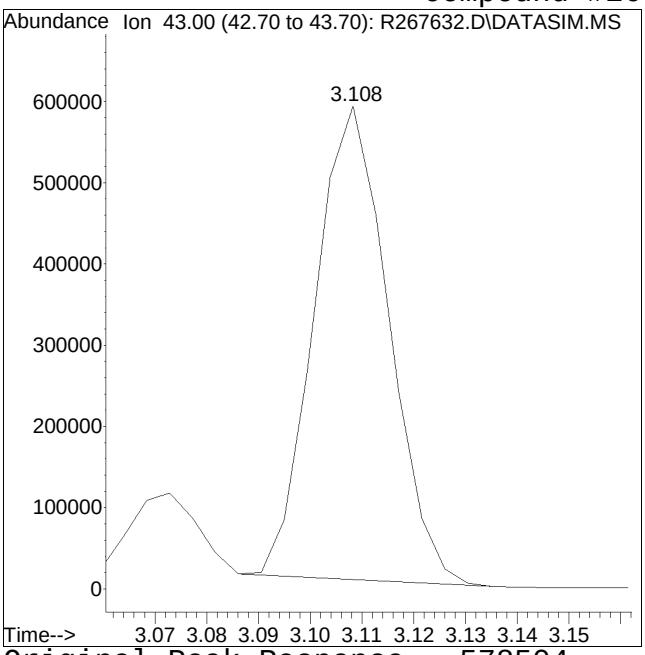
Manual Peak Response = 248123 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

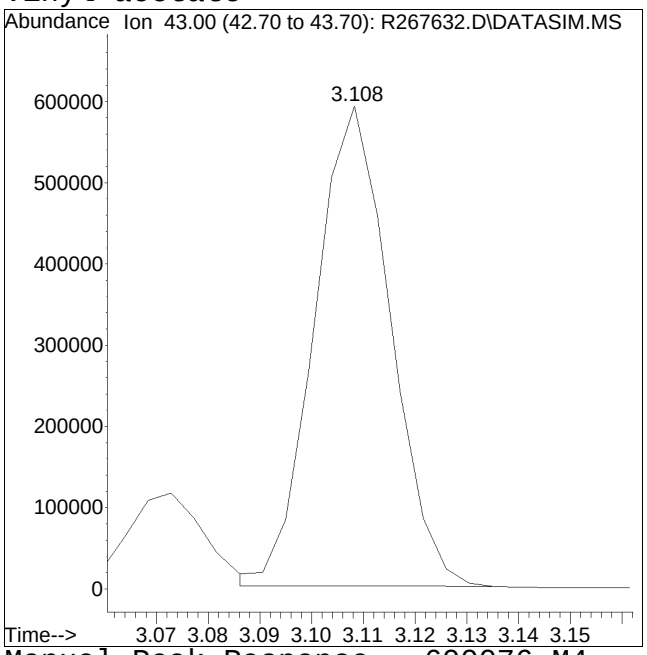
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 578504



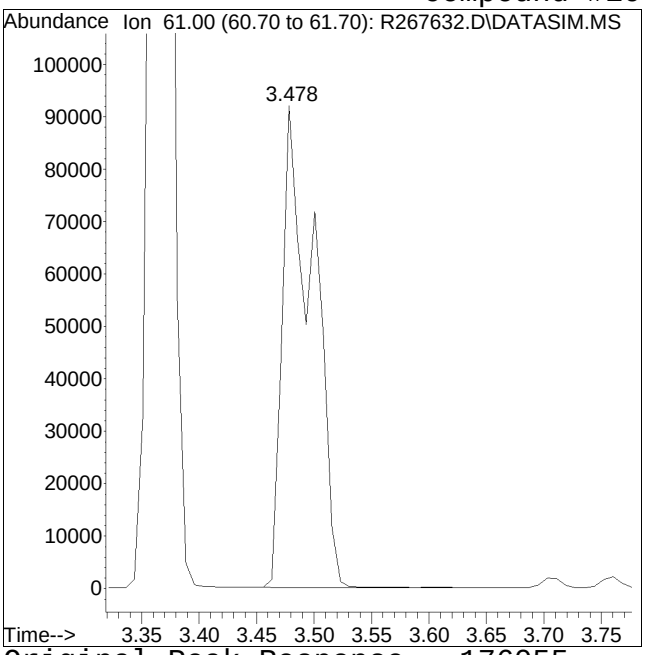
Manual Peak Response = 600076 M4

M4 = Poor automated baseline construction.

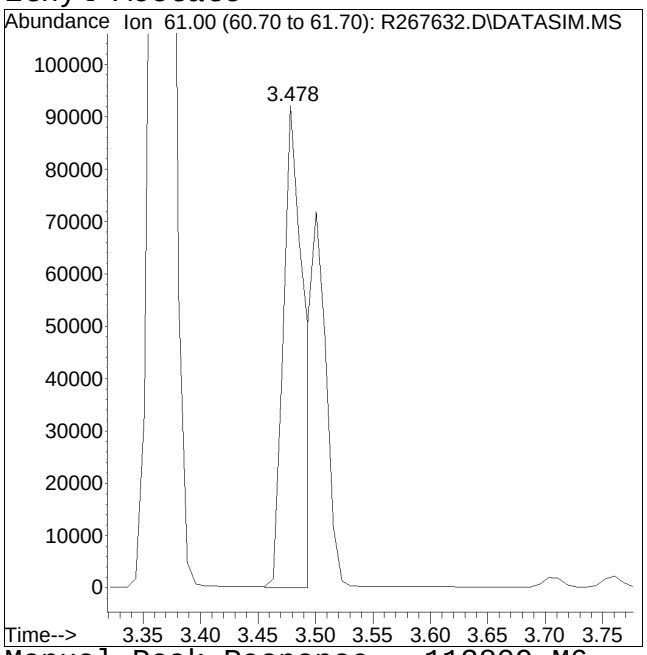
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 176055



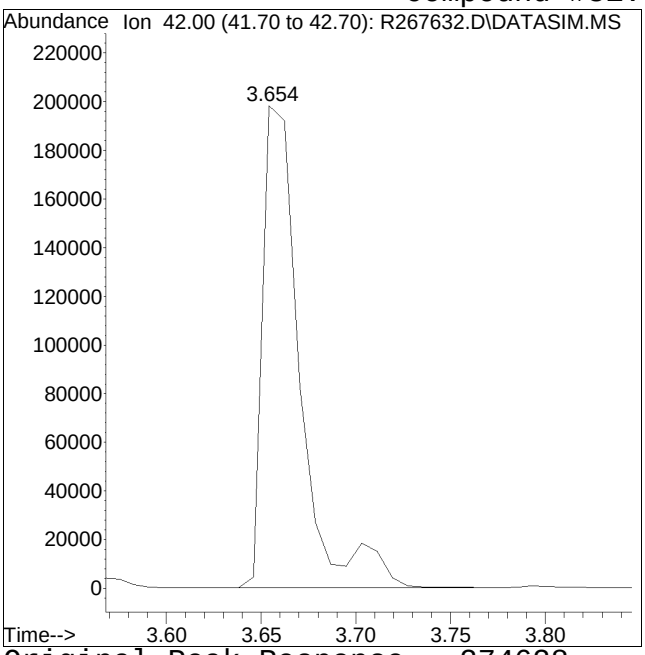
Manual Peak Response = 112809 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

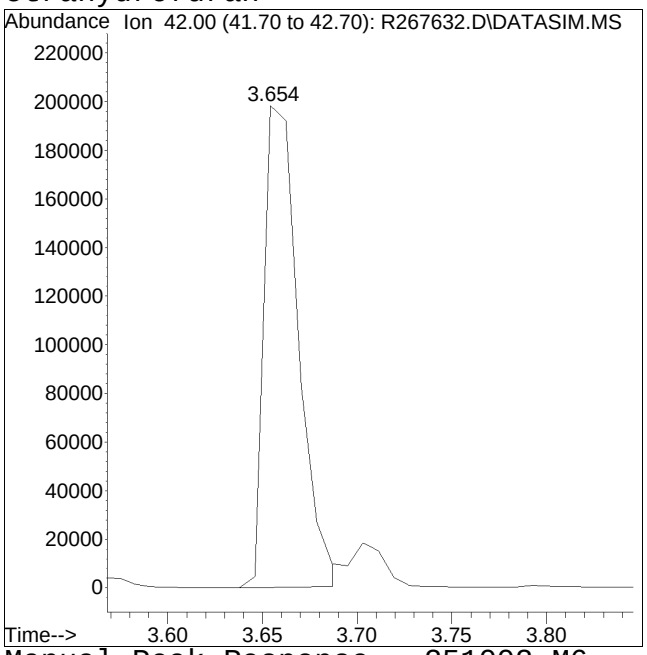
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 274628



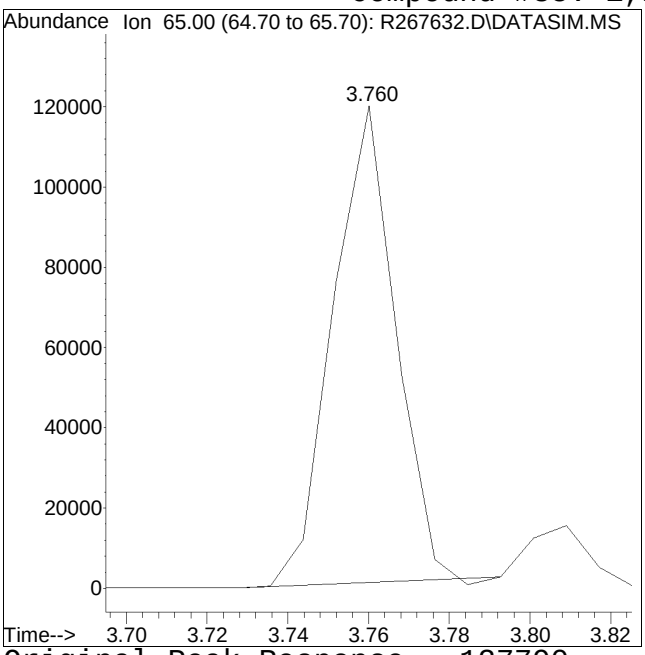
Manual Peak Response = 251002 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

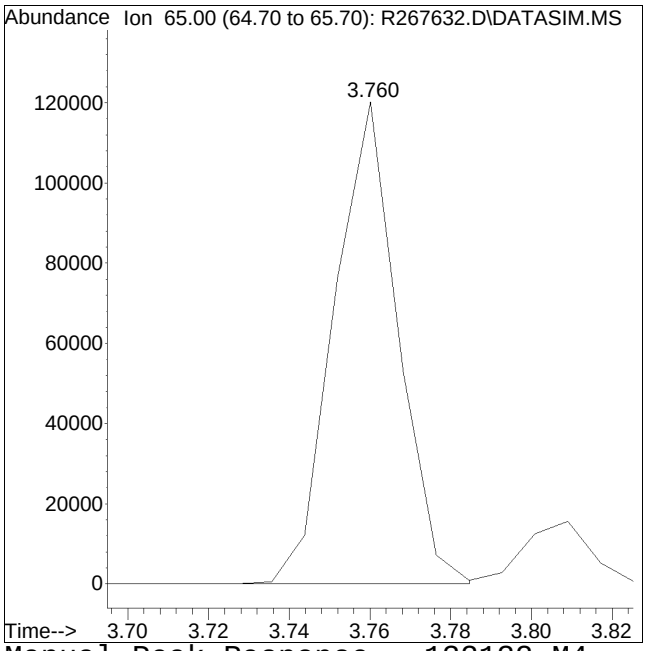
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #35: 1,2-dichloroethane-D4



Original Peak Response = 127790



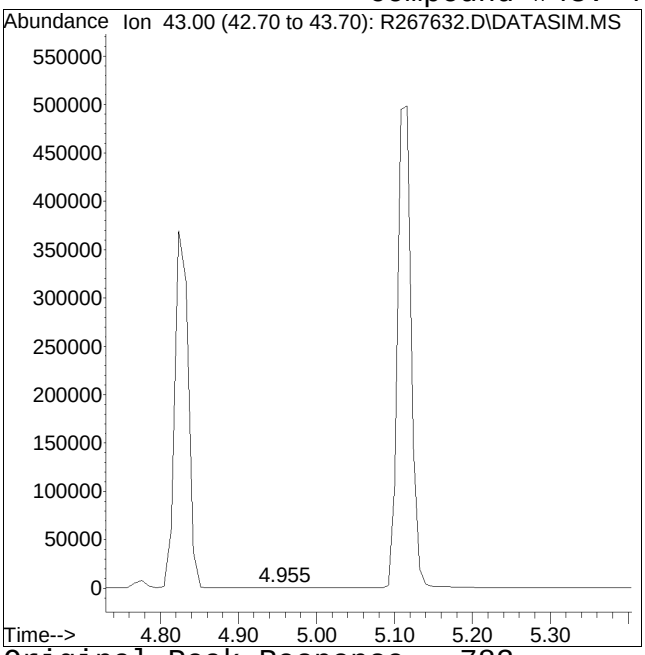
Manual Peak Response = 132132 M4

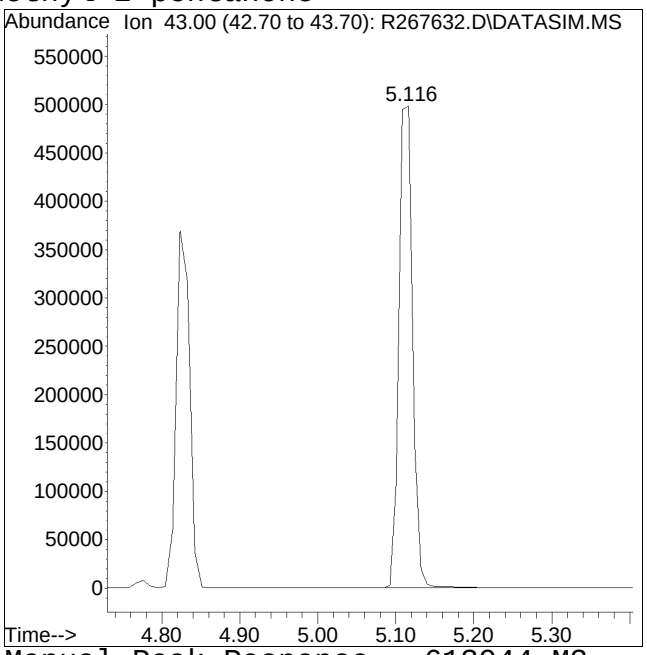
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #48: 4-methyl-2-pentanone





Original Peak Response = 783 Manual Peak Response = 613944 M3

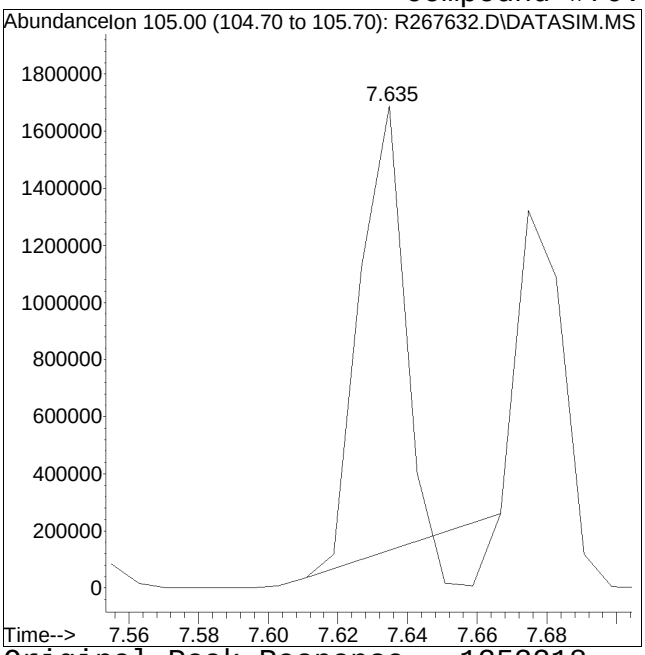
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

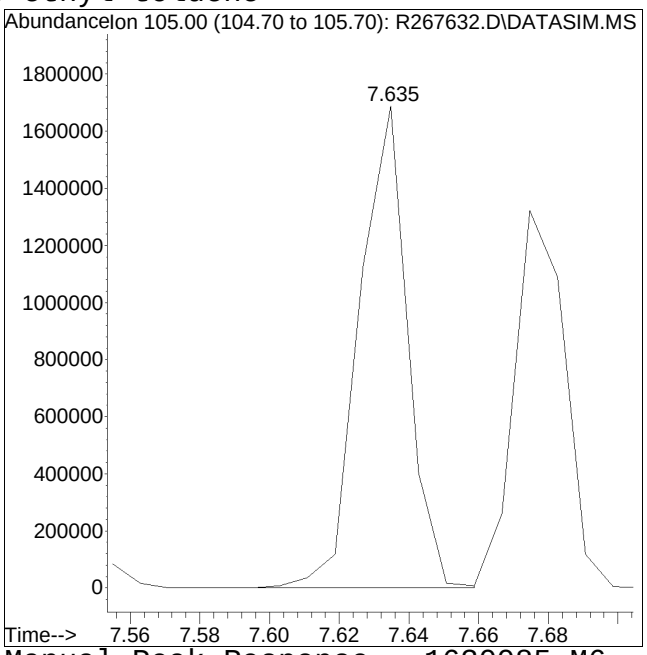
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267632.D
Date Inj'd : 1/8/2026 1:32 am
Sample : ITO15-LLSTD020

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



Original Peak Response = 1253218



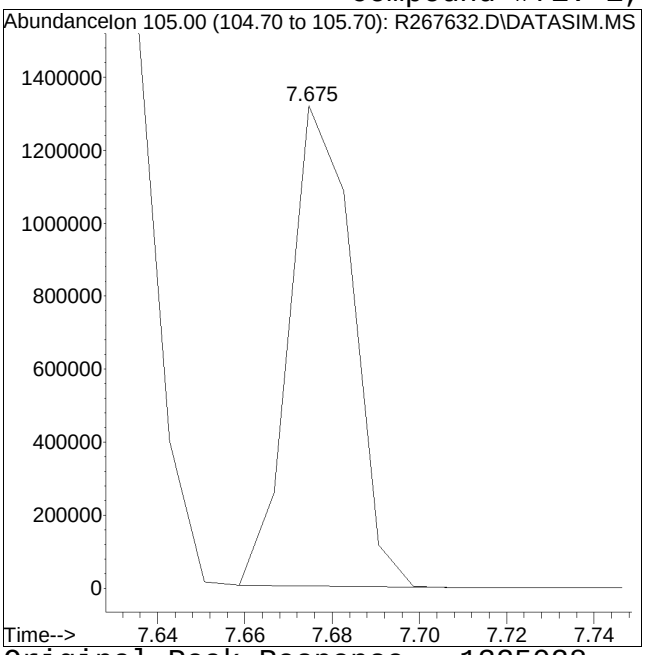
Manual Peak Response = 1630085 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

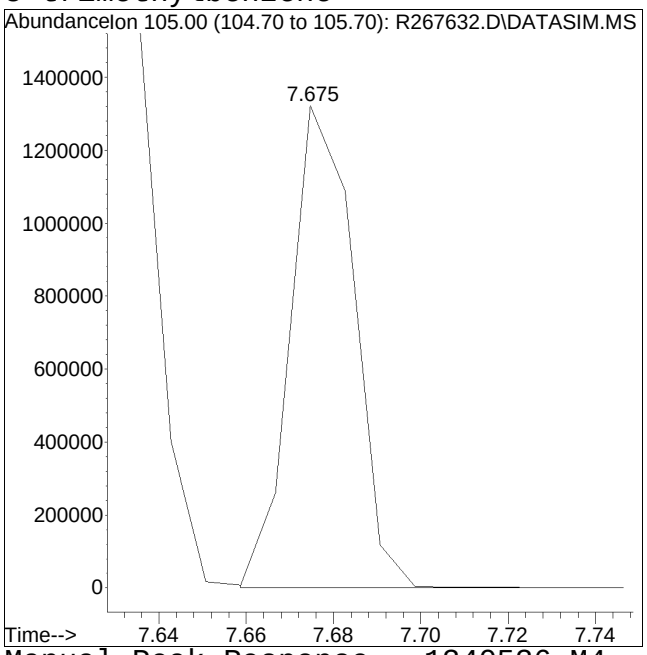
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #71: 1,3,5-trimethylbenzene



Original Peak Response = 1325028



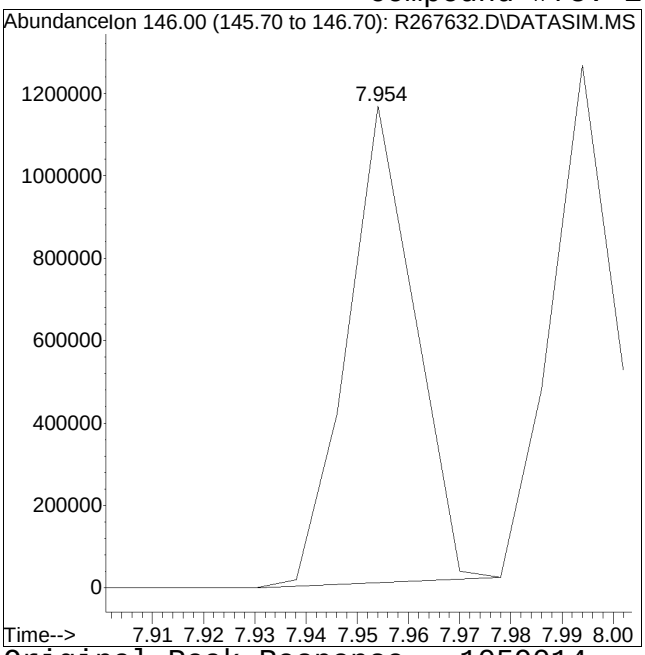
Manual Peak Response = 1340536 M4

M4 = Poor automated baseline construction.

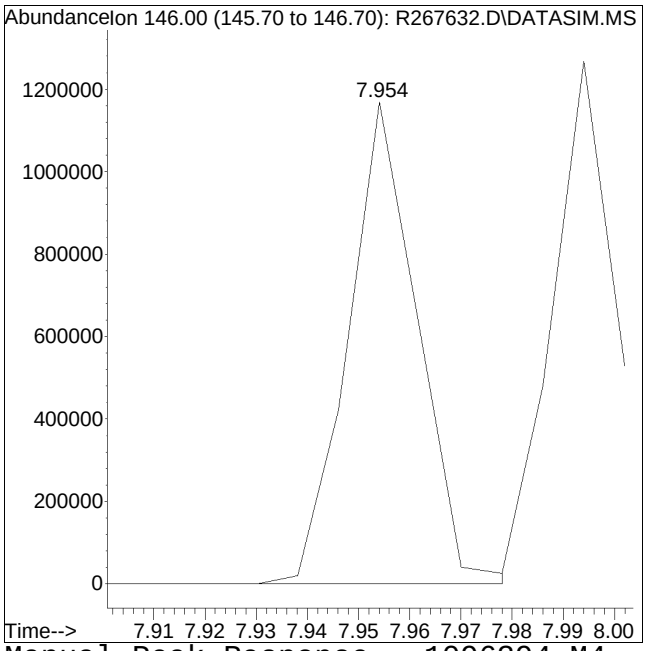
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 1059014



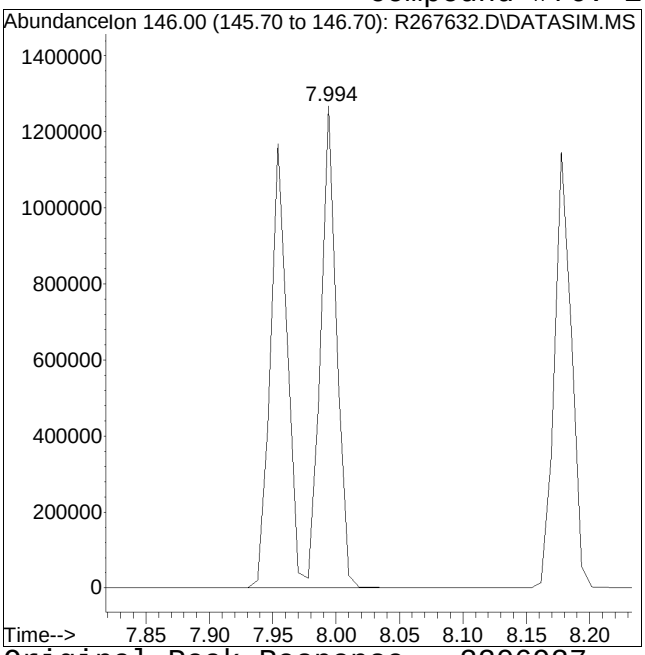
Manual Peak Response = 1096394 M4

M4 = Poor automated baseline construction.

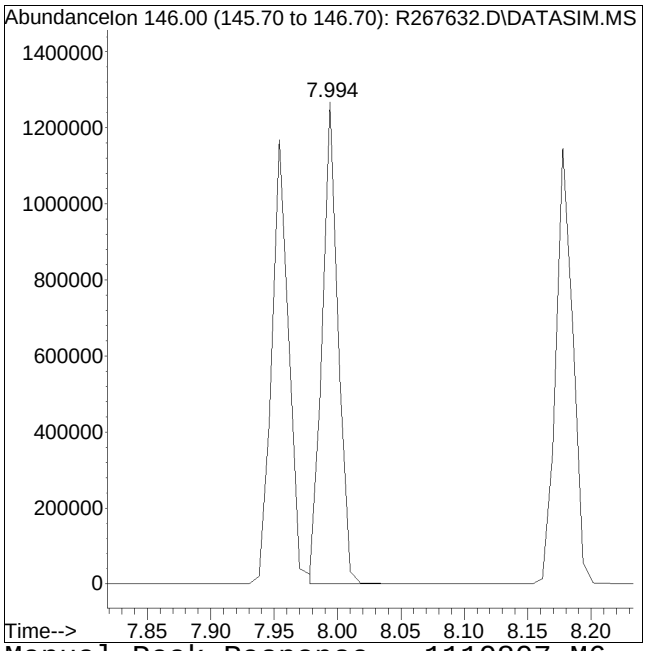
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267632.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 1:32 am Instrument : Airlab26
Sample : ITO15-LLSTD020 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 2206927



Manual Peak Response = 1110807 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267633.D
Acq On : 08 Jan 2026 02:05 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD050
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:53 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	171087	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 87.03%			
33) 1,4-difluorobenzene	4.324	114	571813	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 86.77%			
51) chlorobenzene-D5	6.439	54	79923	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 87.80%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	123358M6	10.089	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.89%			
53) toluene-D8	5.523	98	469439	10.104	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.04%			
67) bromofluorobenzene	7.207	95	282673	10.037	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.37%			
Target Compounds						Qvalue
2) propylene	1.933	41	485237	44.713	ppbV	99
3) dichlorodifluoromethane	1.955	85	1472024	41.985	ppbV	96
4) chloromethane	1.999	50	541844M6	38.035	ppbV	
5) Freon-114	2.032	85	1551278	40.727	ppbV	95
6) vinyl chloride	2.065	62	658183	45.626	ppbV	99
7) 1,3-butadiene	2.103	54	430112	48.350	ppbV	98
8) bromomethane	2.180	94	636069	46.844	ppbV	100
9) chloroethane	2.229	64	377843	47.299	ppbV	99
10) ethanol	2.262	31	1323271	217.166	ppbV	97
11) vinyl bromide	2.335	106	649505	48.705	ppbV	99
12) acrolein	2.363	56	308246	46.933	ppbV	99
13) acetone	2.397	43	2913613	200.206	ppbV	92
14) trichlorofluoromethane	2.454	101	1416712	44.440	ppbV	97
15) isopropyl alcohol	2.471	45	1902135	124.178	ppbV	98
16) acrylonitrile	2.533	53	505030	47.454	ppbV	100
17) 1,1-dichloroethene	2.634	61	900179	45.770	ppbV	98
18) tertiary butyl alcohol	2.648	59	1197491	51.240	ppbV	98
19) methylene chloride	2.667	49	634215	45.986	ppbV	99
20) 3-chloropropene	2.705	41	564421	47.208	ppbV #	1
21) carbon disulfide	2.758	76	1588824	45.256	ppbV	100
22) Freon 113	2.758	101	1265733	44.362	ppbV	97
23) trans-1,2-dichloroethene	2.971	61	816618	49.276	ppbV	98

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267633.D
Acq On : 08 Jan 2026 02:05 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD050
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:53 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 1,1-dichloroethane	3.046	63	1069456	46.612	ppbV		98
25) MTBE	3.077	73	1492711	47.028	ppbV	#	84
26) vinyl acetate	3.112	43	1254330M4	54.169	ppbV		
27) 2-butanone	3.201	43	1384372	51.328	ppbV		100
28) cis-1,2-dichloroethene	3.373	61	919930	47.255	ppbV		98
29) Ethyl Acetate	3.485	61	224772M6	50.424	ppbV		
30) chloroform	3.500	83	1372191	46.510	ppbV	#	100
31) Tetrahydrofuran	3.662	42	567340M6	50.621	ppbV		
32) 1,2-dichloroethane	3.809	62	817501	48.178	ppbV	#	95
34) hexane	3.471	57	902698	47.424	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	1380550	47.909	ppbV	#	15
37) benzene	4.135	78	2129937	44.319	ppbV	#	100
38) carbon tetrachloride	4.201	117	1320980	47.561	ppbV	#	29
39) cyclohexane	4.258	56	974550	48.670	ppbV	#	1
40) Dibromomethane	4.503	93	876759	46.622	ppbV	#	100
41) 1,2-dichloropropane	4.521	63	815207	47.172	ppbV	#	1
42) bromodichloromethane	4.616	83	1461185	50.209	ppbV	#	100
43) 1,4-dioxane	4.644	88	510267	56.857	ppbV	#	1
44) trichloroethene	4.644	130	1044667	46.388	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	2717025	45.501	ppbV	#	54
46) heptane	4.833	43	971849	48.230	ppbV	#	1
47) cis-1,3-dichloropropene	5.084	75	1249828	50.479	ppbV	#	100
48) 4-methyl-2-pentanone	5.116	43	1309756	47.164	ppbV	#	62
49) trans-1,3-dichloropropene	5.356	75	990524	53.280	ppbV	#	100
50) 1,1,2-trichloroethane	5.427	97	1012040	47.978	ppbV	#	1
52) toluene	5.571	91	2511933	42.590	ppbV		94
54) 2-hexanone	5.731	43	1284286	47.062	ppbV		98
55) dibromochloromethane	5.763	129	1486348	50.550	ppbV		99
56) 1,2-dibromoethane	5.882	107	1464495	47.354	ppbV		98
57) tetrachloroethene	6.130	166	1215138	46.035	ppbV		100
58) 1,1,1,2-tetrachloroethane	6.461	131	1154897	47.060	ppbV	#	99
59) chlorobenzene	6.466	112	2055279	42.682	ppbV		97
60) ethylbenzene	6.668	91	3060757	40.270	ppbV		92
61) m+p-xylene	6.761	91	4429161	74.855	ppbV		90
62) bromoform	6.761	173	1363481	52.117	ppbV		97
63) styrene	6.934	104	2039782	45.276	ppbV		96
64) 1,1,2,2-tetrachloroethane	6.980	83	1963419	43.328	ppbV		95
65) o-xylene	6.986	91	2367200	41.195	ppbV		94
66) 1,2,3-Trichloropropane	7.044	75	1516136	44.100	ppbV		96
68) isopropylbenzene	7.295	105	3152344M6	36.225	ppbV		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267633.D
Acq On : 08 Jan 2026 02:05 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD050
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 08 06:25:53 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

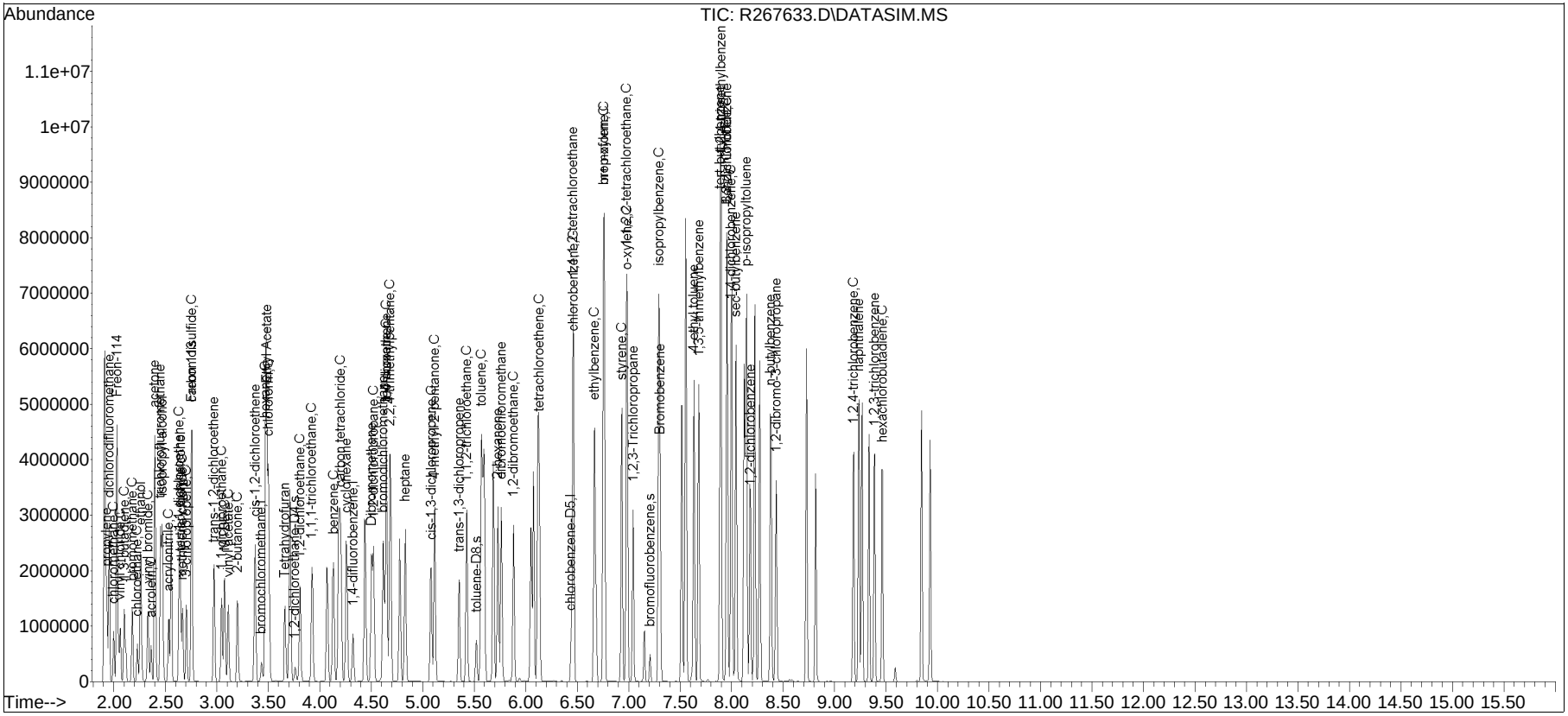
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Bromobenzene	7.306	77	2291452	41.630	ppbV		100
70) 4-ethyl toluene	7.635	105	3137012M4	40.290	ppbV		
71) 1,3,5-trimethylbenzene	7.682	105	2651385	41.632	ppbV	#	69
72) tert-butylbenzene	7.890	119	2957622	38.904	ppbV		91
73) 1,2,4-trimethylbenzene	7.898	105	2736864	40.000	ppbV		95
74) Benzyl Chloride	7.954	91	2654078	47.838	ppbV		91
75) 1,3-dichlorobenzene	7.954	146	2281790M4	44.142	ppbV		
76) 1,4-dichlorobenzene	7.994	146	2260763M6	44.029	ppbV		
77) sec-butylbenzene	8.042	105	3785658	34.927	ppbV	#	87
78) p-isopropyltoluene	8.145	119	3583956	37.140	ppbV	#	90
79) 1,2-dichlorobenzene	8.185	146	2210484	44.226	ppbV		94
80) n-butylbenzene	8.377	91	3324690	36.569	ppbV	#	86
81) 1,2-dibromo-3-chloropr...	8.433	75	1156709	49.896	ppbV		98
82) 1,2,4-trichlorobenzene	9.185	180	2466866	50.636	ppbV		95
83) naphthalene	9.238	128	4402282	34.183	ppbV	#	90
84) 1,2,3-trichlorobenzene	9.390	180	2420769	42.930	ppbV		94
85) hexachlorobutadiene	9.466	225	1654079	49.983	ppbV		98

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267633.D
Acq On : 08 Jan 2026 02:05 am
Operator : AIRLAB26:KJD
Sample : ITO15-LLSTD050
Misc : WG2163147
ALS Vial : 8 Sample Multiplier: 1

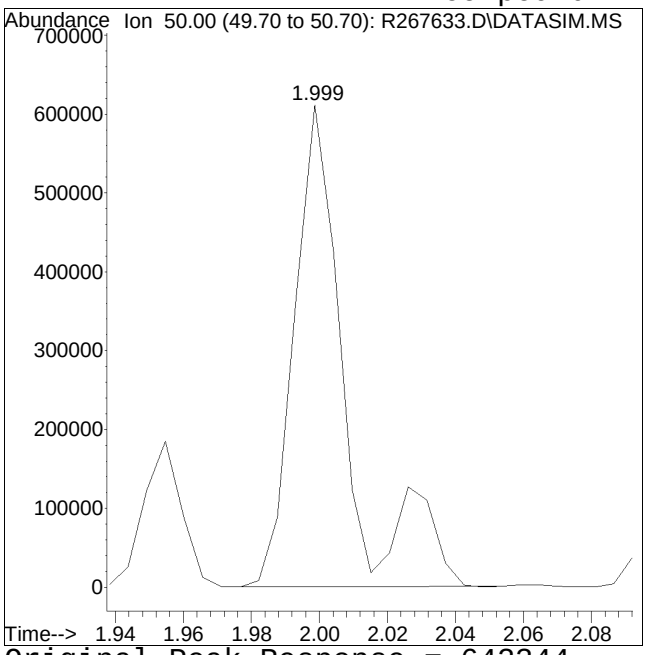
Quant Time: Jan 08 06:25:53 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Jan 08 06:24:07 2026
Response via : Initial Calibration



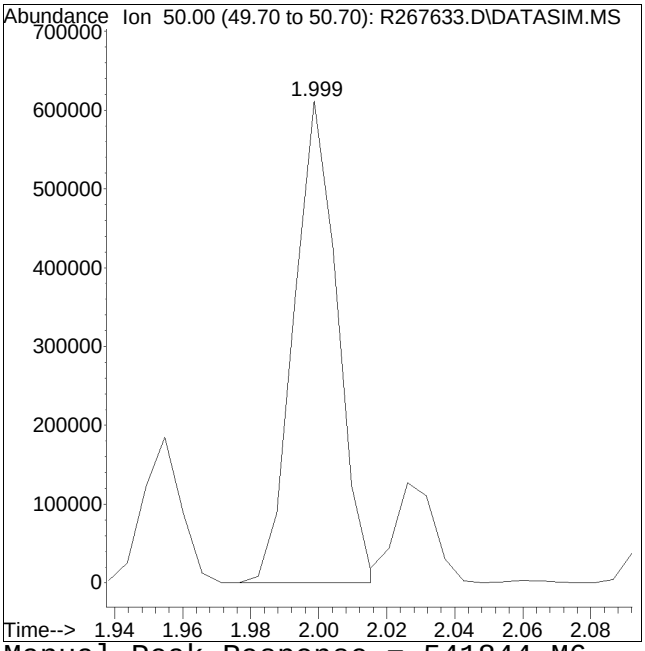
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #4: chloromethane



Original Peak Response = 642344



Manual Peak Response = 541844 M6

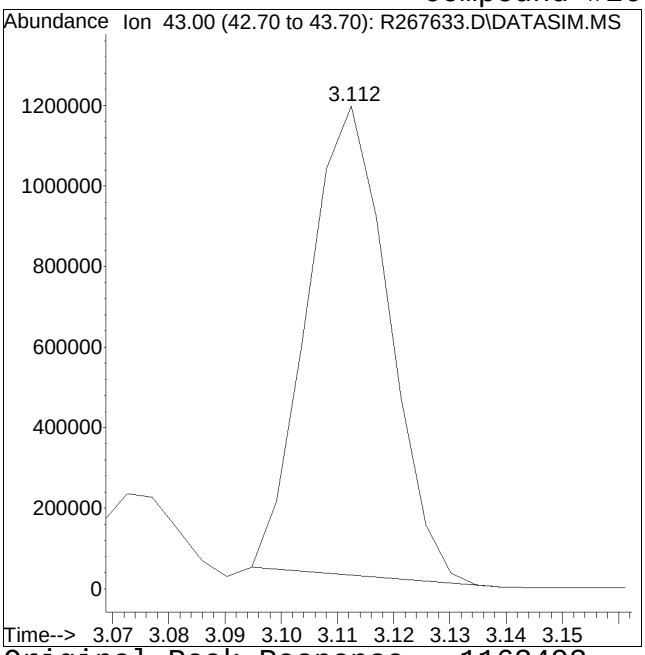
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

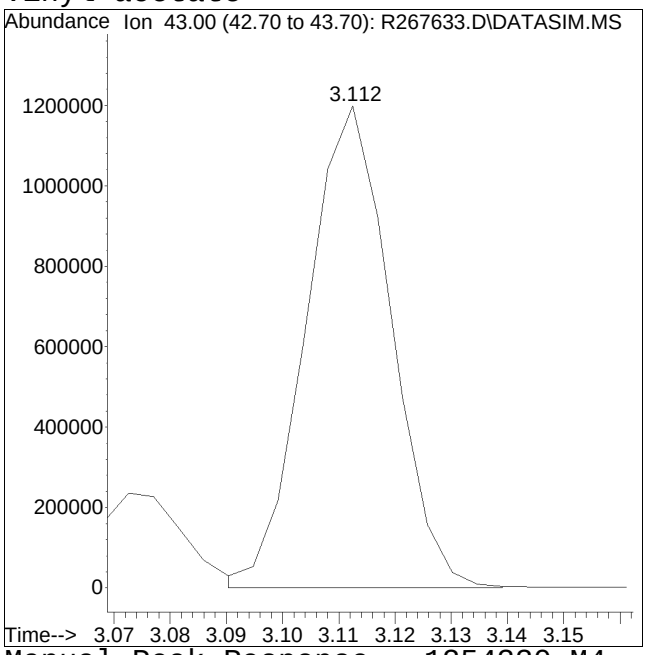
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267633.D
Date Inj'd : 1/8/2026 2:05 am
Sample : ITO15-LLSTD050

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/8/2026 6:25 am

Compound #26: vinyl acetate



Original Peak Response = 1163493



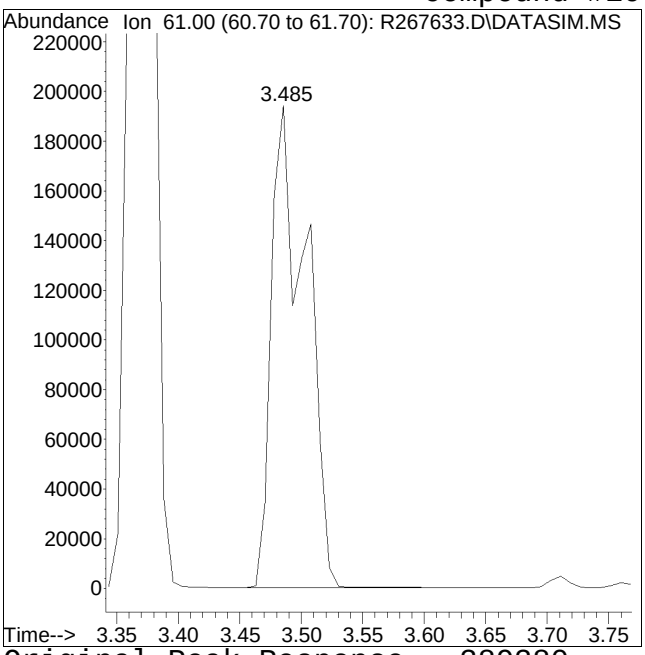
Manual Peak Response = 1254330 M4

M4 = Poor automated baseline construction.

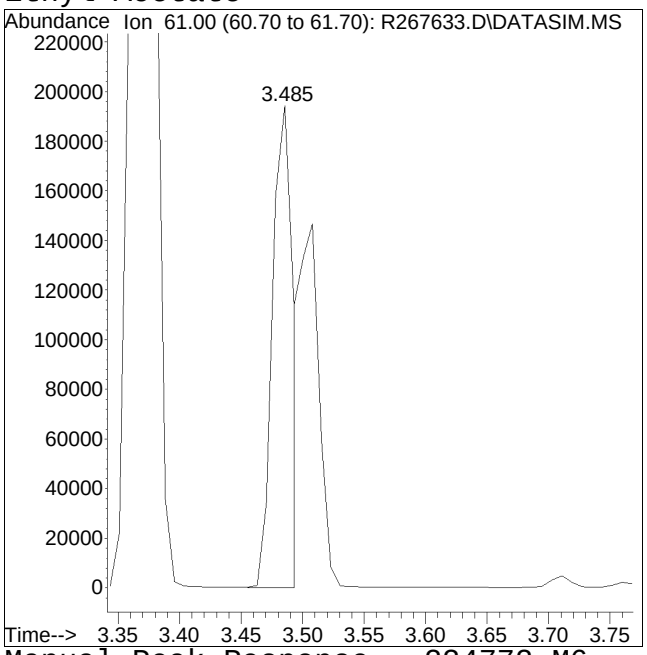
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #29: Ethyl Acetate



Original Peak Response = 389380



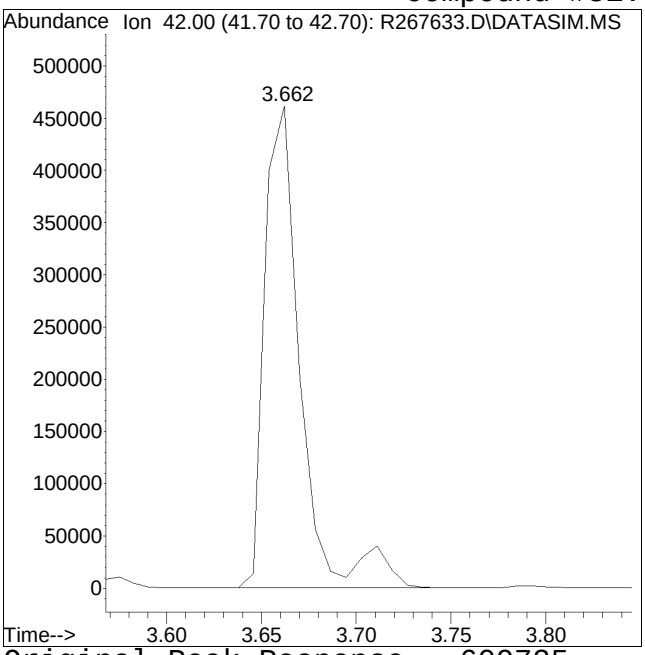
Manual Peak Response = 224772 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

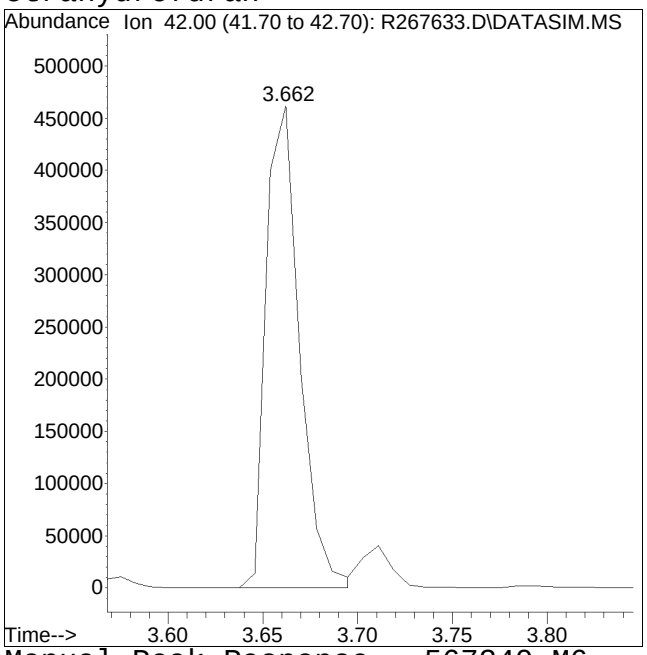
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #31: Tetrahydrofuran



Original Peak Response = 609725



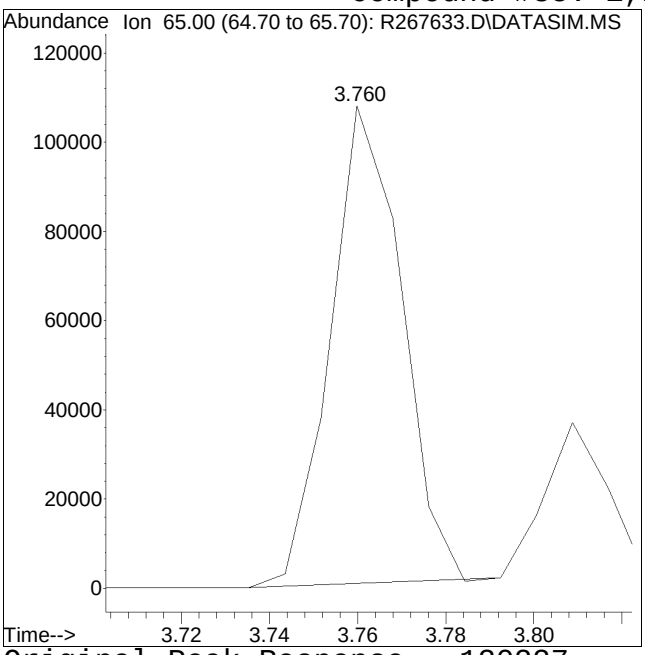
Manual Peak Response = 567340 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

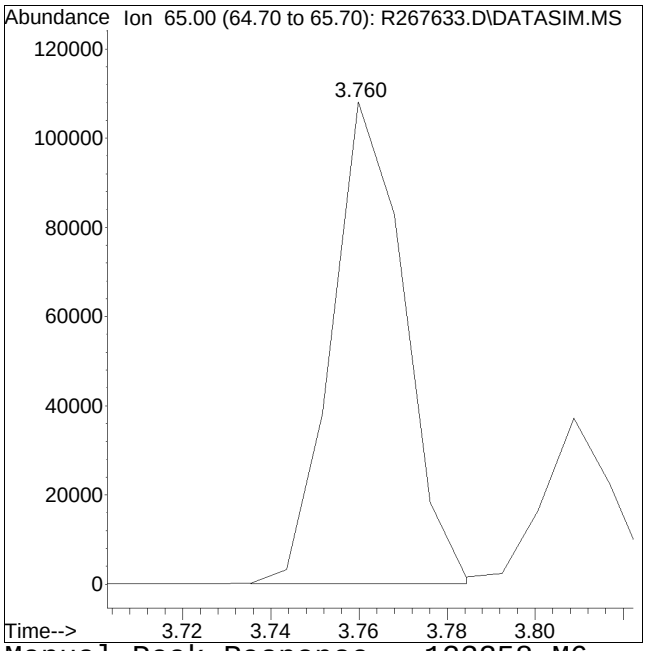
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #35: 1,2-dichloroethane-D4



Original Peak Response = 120227



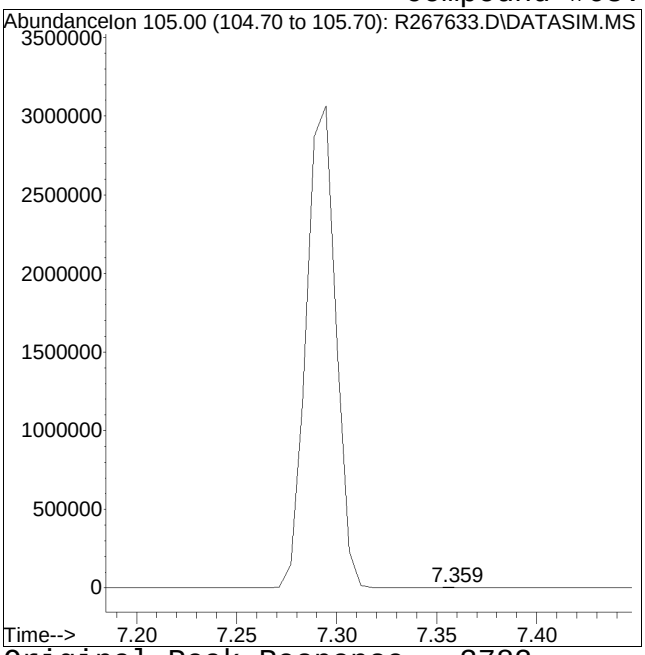
Manual Peak Response = 123358 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

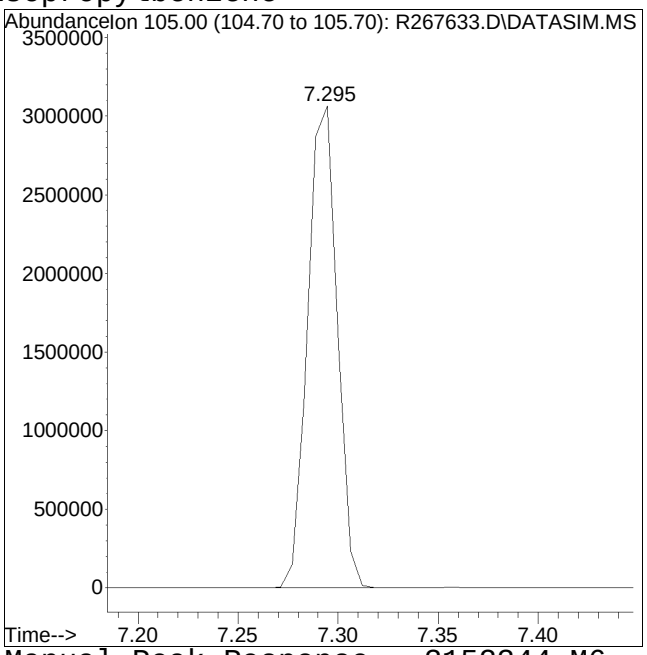
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #68: isopropylbenzene



Original Peak Response = 3782



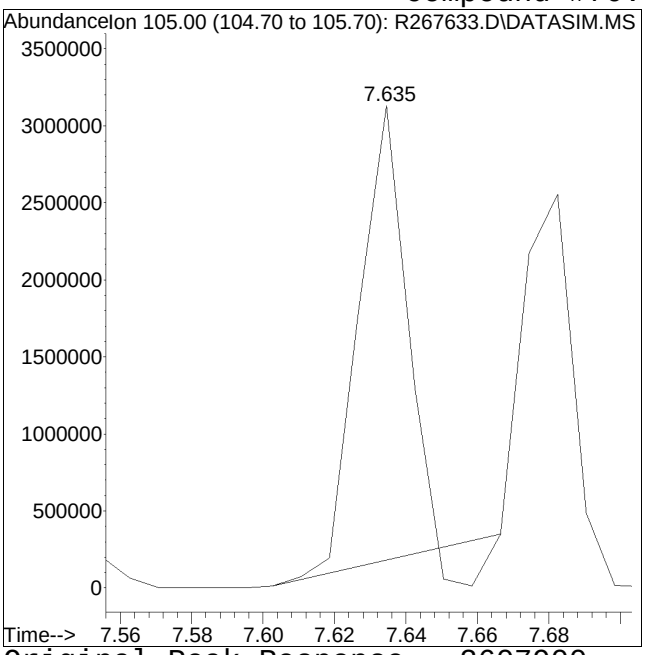
Manual Peak Response = 3152344 M6

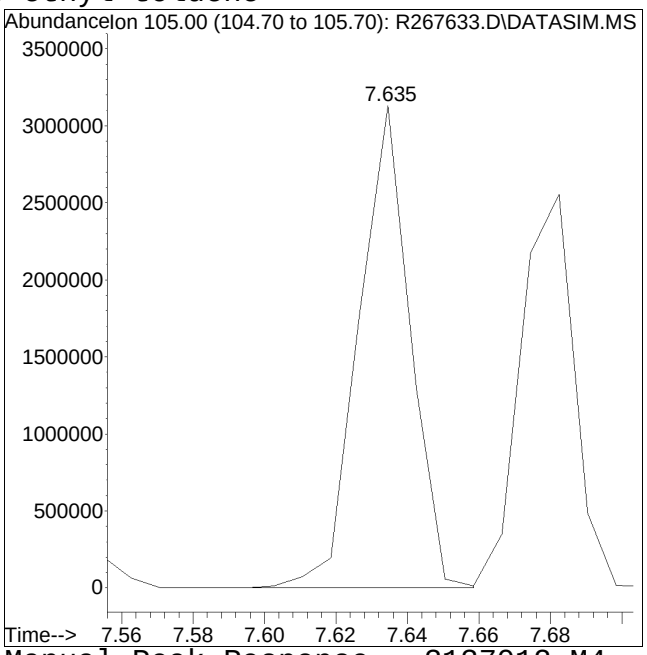
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #70: 4-ethyl toluene



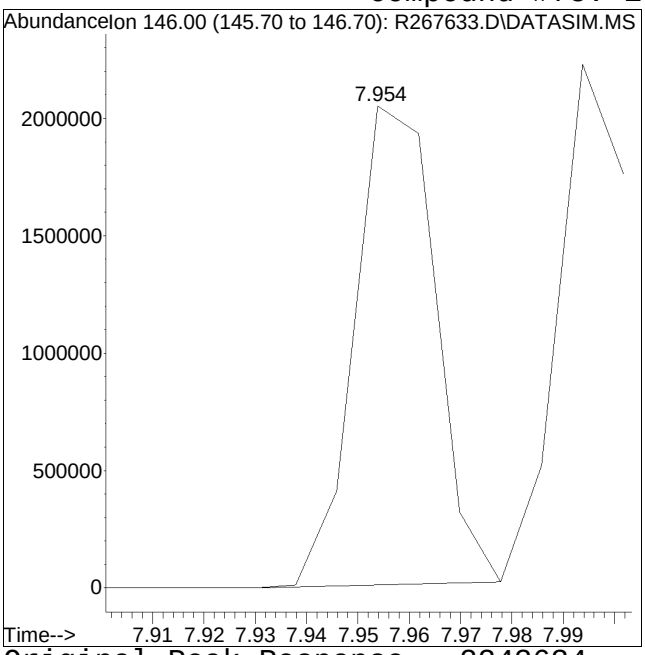


Original Peak Response = 2607900 Manual Peak Response = 3137012 M4
M4 = Poor automated baseline construction.

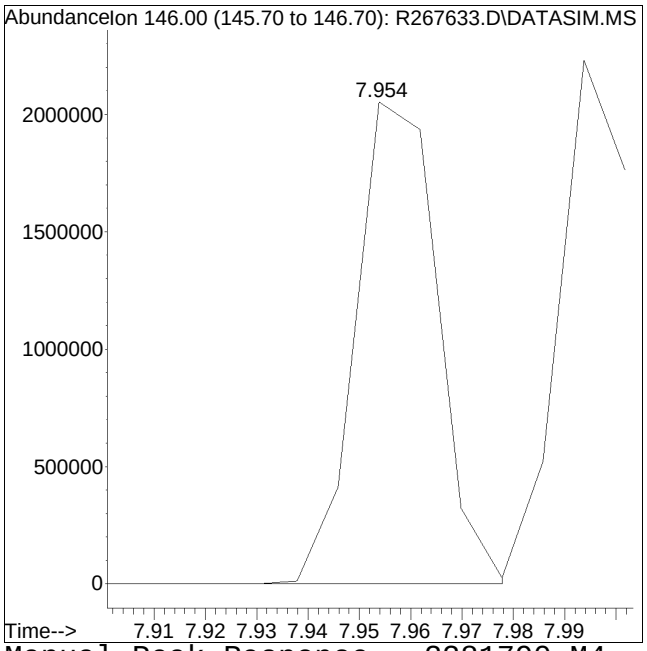
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 2243634



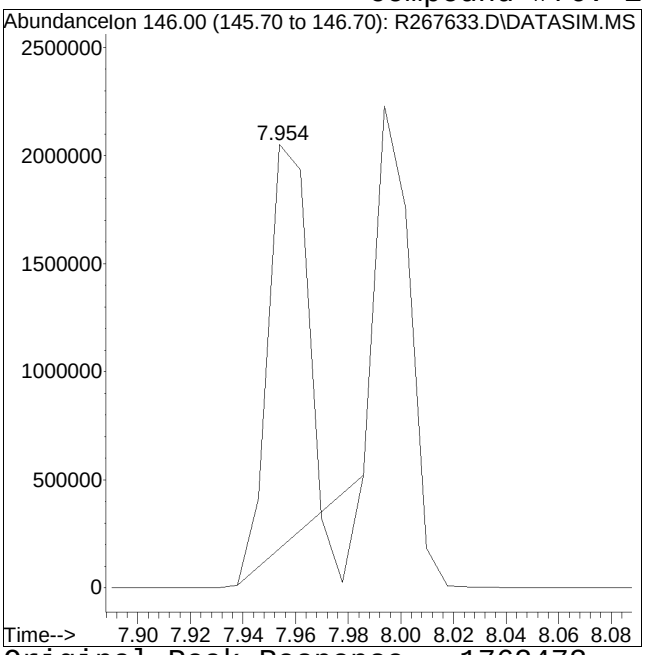
Manual Peak Response = 2281790 M4

M4 = Poor automated baseline construction.

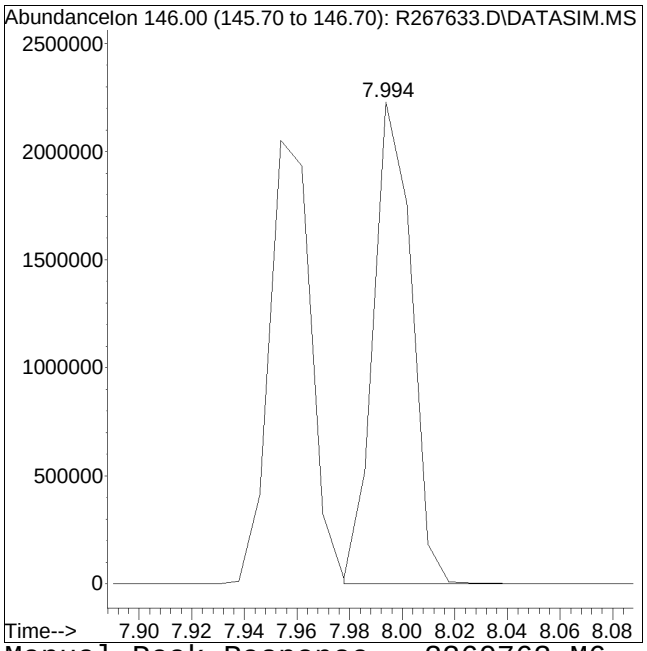
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267633.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 2:05 am Instrument : Airlab26
Sample : ITO15-LLSTD050 Quant Date : 1/8/2026 6:25 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 1762473



Manual Peak Response = 2260763 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	68	0.00
2		propylene	0.666	0.678	-1.8	72	0.00
3		dichlorodifluoromethane	2.068	2.277	-10.1	75	0.00
4	C	chloromethane	0.716	0.732	-2.2	70	0.00
5		Freon-114	2.291	2.453	-7.1	74	0.00
6	C	vinyl chloride	0.895	0.927	-3.6	74	0.00
7	C	1,3-butadiene	0.577	0.578	-0.2	75	0.00
8	C	bromomethane	0.855	0.943	-10.3	80	0.00
9	C	chloroethane	0.485	0.506	-4.3	73	0.00
10		ethanol	0.349	0.319	8.6	61	0.00
11	C	vinyl bromide	0.826	0.872	-5.6	76	0.00
12	C	acrolein	0.402	0.322	19.9	58#	0.00
13		acetone	0.882	0.939	-6.5	75	0.00
14		trichlorofluoromethane	1.945	2.021	-3.9	73	0.00
15		isopropyl alcohol	1.094	0.934	14.6	71	0.00
16	C	acrylonitrile	0.635	0.584	8.0	63	0.00
17	C	1,1-dichloroethene	1.211	1.295	-6.9	76	0.00
18		tertiary butyl alcohol	1.460	1.344	7.9	67	0.00
19	C	methylene chloride	0.782	0.894	-14.3	75	0.00
20	C	3-chloropropene	0.711	0.762	-7.2	74	0.00
21	C	carbon disulfide	2.151	2.311	-7.4	76	0.00
22		Freon 113	1.759	1.859	-5.7	75	0.00
23		trans-1,2-dichloroethene	1.061	1.080	-1.8	75	0.00
24	C	1,1-dichloroethane	1.434	1.451	-1.2	73	0.00
25	C	MTBE	2.050	2.077	-1.3	76	0.00
26	C	vinyl acetate	1.392	0.990	28.9	49#	0.00
27	C	2-butanone	1.637	1.829	-11.7	78	0.00
28		cis-1,2-dichloroethene	1.191	1.228	-3.1	73	0.00
29		Ethyl Acetate	0.318	0.329	-3.5	85	0.00
30	C	chloroform	1.831	1.921	-4.9	75	0.00
31		Tetrahydrofuran	0.676	0.776	-14.8	80	0.00
32	C	1,2-dichloroethane	1.051	1.065	-1.3	73	0.00
33	I	1,4-difluorobenzene	1.000	1.000	0.0	69	0.00
34	C	hexane	0.390	0.361	7.4	75	0.00
35	s	1,2-dichloroethane-D4	0.218	0.219	-0.5	71	0.00
36	C	1,1,1-trichloroethane	0.530	0.531	-0.2	72	0.00
37	C	benzene	0.877	0.880	-0.3	72	0.00
38	C	carbon tetrachloride	0.505	0.521	-3.2	74	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	0.371	0.381	-2.7	75	0.00
40		Dibromomethane	0.339	0.308	9.1	64	0.00
41	C	1,2-dichloropropane	0.318	0.320	-0.6	73	0.00
42		bromodichloromethane	0.546	0.567	-3.8	77	0.00
43	C	1,4-dioxane	0.174	0.184	-5.7	81	0.00
44	C	trichloroethene	0.418	0.411	1.7	72	0.00
45	C	2,2,4-trimethylpentane	1.112	1.191	-7.1	78	0.00
46		heptane	0.373	0.391	-4.8	76	0.00
47	C	cis-1,3-dichloropropene	0.450	0.564	-25.3	90	0.00
48	C	4-methyl-2-pentanone	0.494	0.525	-6.3	74	0.00
49		trans-1,3-dichloropropene	0.342	0.433	-26.6	92	0.00
50	C	1,1,2-trichloroethane	0.384	0.390	-1.6	73	0.00
51	I	chlorobenzene-D5	1.000	1.000	0.0	67	0.00
52	C	toluene	7.617	8.123	-6.6	74	0.00
53	s	toluene-D8	5.901	5.956	-0.9	69	0.00
54		2-hexanone	3.472	3.613	-4.1	71	0.00
55		dibromochloromethane	3.922	4.220	-7.6	77	0.00
56	C	1,2-dibromoethane	4.119	4.508	-9.4	78	0.00
57	C	tetrachloroethene	3.549	3.644	-2.7	74	0.00
58		1,1,1,2-tetrachloroethane	3.104	2.933	5.5	64	0.00
59	C	chlorobenzene	6.327	6.619	-4.6	74	0.00
60	C	ethylbenzene	9.752	10.289	-5.5	73	0.00
61	C	m+p-xylene	7.703	8.253	-7.1	75	0.00
62	C	bromoform	3.421	3.829	-11.9	79	0.00
63	C	styrene	5.502	6.423	-16.7	77	0.00
64	C	1,1,2,2-tetrachloroethane	5.941	6.407	-7.8	76	0.00
65	C	o-xylene	7.536	7.917	-5.1	74	0.00
66		1,2,3-Trichloropropane	4.396	4.234	3.7	66	0.00
67	s	bromofluorobenzene	3.583	3.555	0.8	68	0.00
68	C	isopropylbenzene	10.466	10.638	-1.6	66	0.00
69		Bromobenzene	7.104	5.470	23.0	53#	0.00
70		4-ethyl toluene	9.808	10.631	-8.4	73	0.00
71		1,3,5-trimethylbenzene	8.257	9.281	-12.4	78	0.00
72		tert-butylbenzene	8.989	9.305	-3.5	66	0.00
73		1,2,4-trimethylbenzene	8.564	9.840	-14.9	77	0.00
74	C	Benzyl Chloride	6.747	6.380	5.4	62	0.00
75		1,3-dichlorobenzene	6.499	7.154	-10.1	74	0.00
76	C	1,4-dichlorobenzene	6.837	7.302	-6.8	76	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	12.481	12.786	-2.4	63	0.00
78		p-isopropyltoluene	11.211	11.627	-3.7	65	0.00
79		1,2-dichlorobenzene	6.519	6.953	-6.7	75	0.00
80		n-butylbenzene	10.197	11.115	-9.0	66	0.00
81		1,2-dibromo-3-chloropropane	2.864	2.674	6.6	62	0.00
82	C	1,2,4-trichlorobenzene	6.043	7.153	-18.4	79	0.00
83		naphthalene	14.888	13.810	7.2	58#	0.00
84		1,2,3-trichlorobenzene	5.999	6.515	-8.6	62	0.00
85	C	hexachlorobutadiene	3.917	4.960	-26.6	81	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.426	49	132899	10.000	ppbV	# 0.00
Standard Area = 196595			Recovery = 67.60%			
33) 1,4-difluorobenzene	4.324	114	453344	10.000	ppbV	# 0.00
Standard Area = 659015			Recovery = 68.79%			
51) chlorobenzene-D5	6.439	54	61179	10.000	ppbV	# 0.00
Standard Area = 91024			Recovery = 67.21%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	3.760	65	99414	10.044	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.44%			
53) toluene-D8	5.515	98	364407	10.094	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.94%			
67) bromofluorobenzene	7.208	95	217508	9.921	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.21%			
Target Compounds						Qvalue
2) propylene	1.933	41	45053	5.088	ppbV	99
3) dichlorodifluoromethane	1.955	85	151316	5.506	ppbV	100
4) chloromethane	1.999	50	48627M6	5.108	ppbV	
5) Freon-114	2.026	85	162999	5.353	ppbV	100
6) vinyl chloride	2.059	62	61604	5.180	ppbV	100
7) 1,3-butadiene	2.103	54	38416	5.014	ppbV	97
8) bromomethane	2.180	94	62666	5.518	ppbV	99
9) chloroethane	2.230	64	33594	5.208	ppbV	98
10) ethanol	2.257	31	106120	22.908	ppbV	99
11) vinyl bromide	2.329	106	57957	5.278	ppbV	100
12) acrolein	2.363	56	21364M4	3.997	ppbV	
13) acetone	2.397	43	312036	26.629	ppbV	100
14) trichlorofluoromethane	2.454	101	134304	5.195	ppbV	100
15) isopropyl alcohol	2.465	45	155189	10.676	ppbV	100
16) acrylonitrile	2.528	53	38793	4.597	ppbV	100
17) 1,1-dichloroethene	2.629	61	86080	5.347	ppbV	100
18) tertiary butyl alcohol	2.639	59	89308	4.603	ppbV	98
19) methylene chloride	2.663	49	59387	5.712	ppbV	100
20) 3-chloropropene	2.701	41	50617M4	5.358	ppbV	
21) carbon disulfide	2.753	76	153595	5.374	ppbV	95
22) Freon 113	2.753	101	123538	5.285	ppbV	100
23) trans-1,2-dichloroethene	2.971	61	71786	5.092	ppbV	100
24) 1,1-dichloroethane	3.042	63	96446	5.060	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	3.073	73	138027	5.067	ppbV	#	85
26) vinyl acetate	3.108	43	65764M4	3.556	ppbV		
27) 2-butanone	3.197	43	121551	5.588	ppbV		97
28) cis-1,2-dichloroethene	3.366	61	81608	5.155	ppbV		99
29) Ethyl Acetate	3.478	61	21887M6	5.182	ppbV		
30) chloroform	3.493	83	127649	5.246	ppbV	#	100
31) Tetrahydrofuran	3.662	42	51575M6	5.744	ppbV		
32) 1,2-dichloroethane	3.801	62	70766	5.064	ppbV		99
34) hexane	3.471	57	81766	4.625	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	120285	5.007	ppbV	#	15
37) benzene	4.126	78	199550	5.021	ppbV	#	100
38) carbon tetrachloride	4.201	117	118098	5.162	ppbV	#	40
39) cyclohexane	4.258	56	86295	5.125	ppbV	#	1
40) Dibromomethane	4.503	93	69871	4.552	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	72643	5.036	ppbV	#	1
42) bromodichloromethane	4.616	83	128423	5.185	ppbV	#	100
43) 1,4-dioxane	4.654	88	41752	5.292	ppbV	#	1
44) trichloroethene	4.644	130	93236	4.920	ppbV	#	51
45) 2,2,4-trimethylpentane	4.682	57	269940	5.355	ppbV	#	58
46) heptane	4.823	43	88652	5.247	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	127860	6.269	ppbV	#	100
48) 4-methyl-2-pentanone	5.116	43	119011	5.313	ppbV	#	60
49) trans-1,3-dichloropropene	5.348	75	98168	6.334	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	88404	5.074	ppbV	#	1
52) toluene	5.563	91	248487	5.332	ppbV		100
54) 2-hexanone	5.731	43	110518	5.204	ppbV	#	92
55) dibromochloromethane	5.763	129	129082	5.379	ppbV		100
56) 1,2-dibromoethane	5.883	107	137894	5.472	ppbV		99
57) tetrachloroethene	6.130	166	111470	5.133	ppbV		100
58) 1,1,1,2-tetrachloroethane	6.455	131	89722	4.725	ppbV	#	100
59) chlorobenzene	6.461	112	202478	5.231	ppbV		100
60) ethylbenzene	6.663	91	314731	5.275	ppbV		99
61) m+p-xylene	6.756	91	504882	10.714	ppbV		98
62) bromoform	6.756	173	117116	5.596	ppbV		99
63) styrene	6.934	104	196489	5.837	ppbV		100
64) 1,1,2,2-tetrachloroethane	6.975	83	195992	5.393	ppbV		100
65) o-xylene	6.981	91	242184	5.253	ppbV		99
66) 1,2,3-Trichloropropane	7.039	75	129511	4.816	ppbV		99
68) isopropylbenzene	7.289	105	325415	5.082	ppbV		97
69) Bromobenzene	7.301	77	167324M6	3.850	ppbV		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\R267630.D
Sub List : Default - All compounds listed

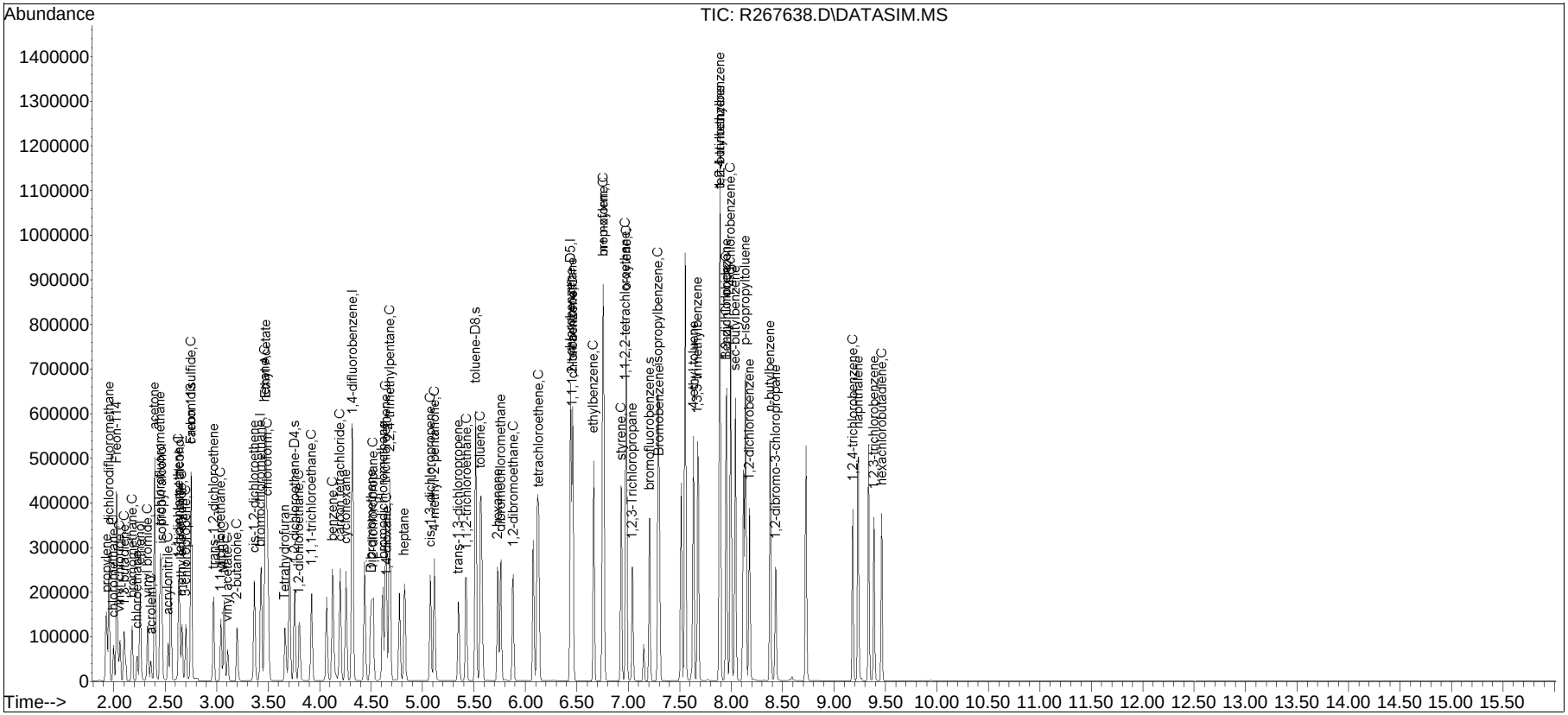
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	7.635	105	325202M4	5.420	ppbV	
71) 1,3,5-trimethylbenzene	7.675	105	283891	5.620	ppbV	97
72) tert-butylbenzene	7.890	119	284632	5.175	ppbV	100
73) 1,2,4-trimethylbenzene	7.890	105	300990	5.745	ppbV	92
74) Benzyl Chloride	7.954	91	195160M4	4.728	ppbV	
75) 1,3-dichlorobenzene	7.954	146	218830M6	5.504	ppbV	
76) 1,4-dichlorobenzene	7.994	146	223361M6	5.340	ppbV	
77) sec-butylbenzene	8.042	105	391123	5.122	ppbV	100
78) p-isopropyltoluene	8.138	119	355669	5.185	ppbV	99
79) 1,2-dichlorobenzene	8.178	146	212678	5.332	ppbV	98
80) n-butylbenzene	8.377	91	339997	5.450	ppbV	98
81) 1,2-dibromo-3-chloropr...	8.433	75	81804	4.669	ppbV	99
82) 1,2,4-trichlorobenzene	9.183	180	218796	5.918	ppbV	99
83) naphthalene	9.236	128	422449	4.638	ppbV	95
84) 1,2,3-trichlorobenzene	9.388	180	199299	5.430	ppbV	100
85) hexachlorobutadiene	9.464	225	151730	6.332	ppbV	99

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

Sub List : Default - All compounds listed1\0107SIM_I\R267630.D

Data Path : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\
Data File : R267638.D
Acq On : 08 Jan 2026 11:44 am
Operator : AIRLAB26:KJD
Sample : CTO15-SIMSTD5.0
Misc : WG2163147
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:12:11 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\01\0107SIM_I\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

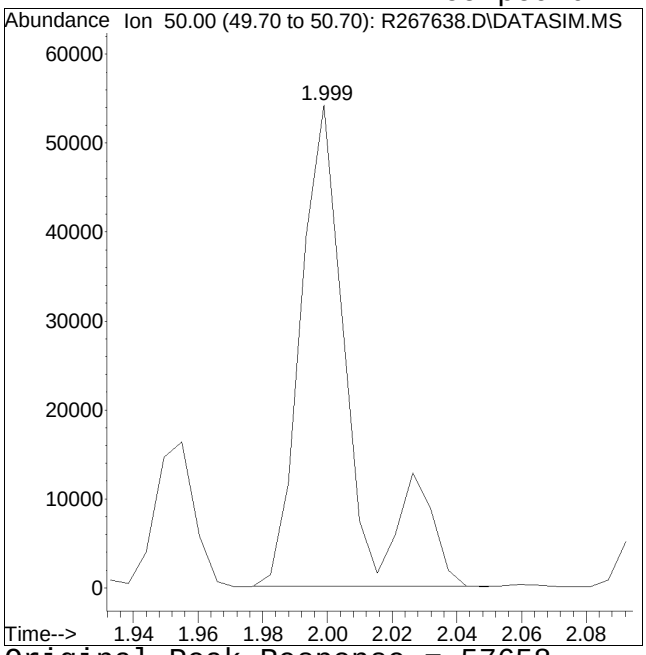


Manual Integration Report

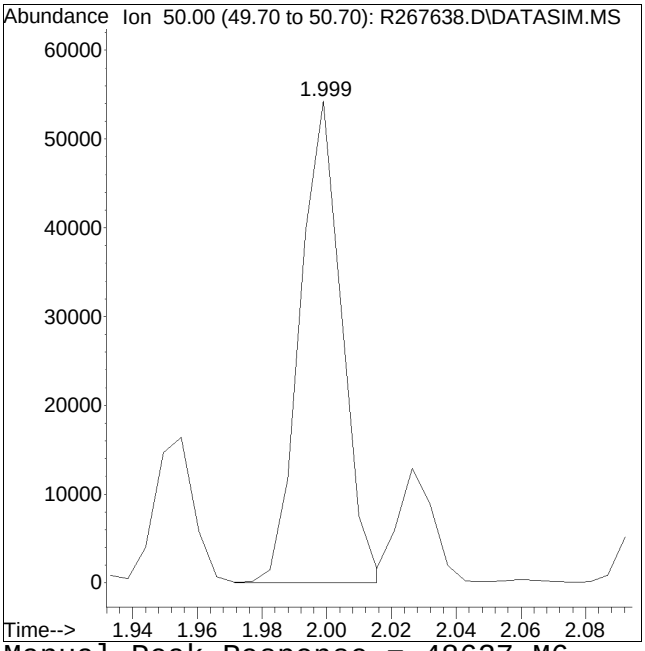
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R267638.D
Date Inj'd : 1/8/2026 11:44 am
Sample : CTO15-SIMSTD5.0

Method : TSIM26_260107.M
Operator : AIRLAB26:KJD
Instrument : Airlab26
Quant Date : 1/9/2026 9:12 am

Compound #4: chloromethane



Original Peak Response = 57658



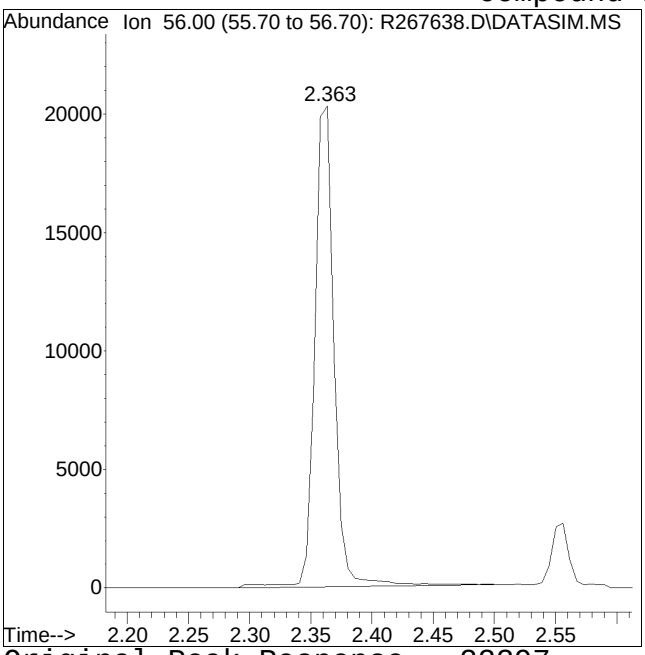
Manual Peak Response = 48627 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

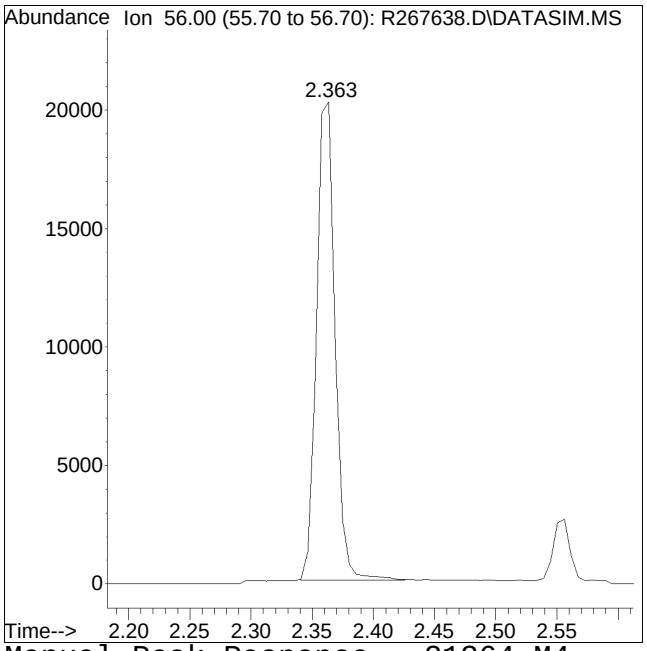
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #12: acrolein



Original Peak Response = 22397



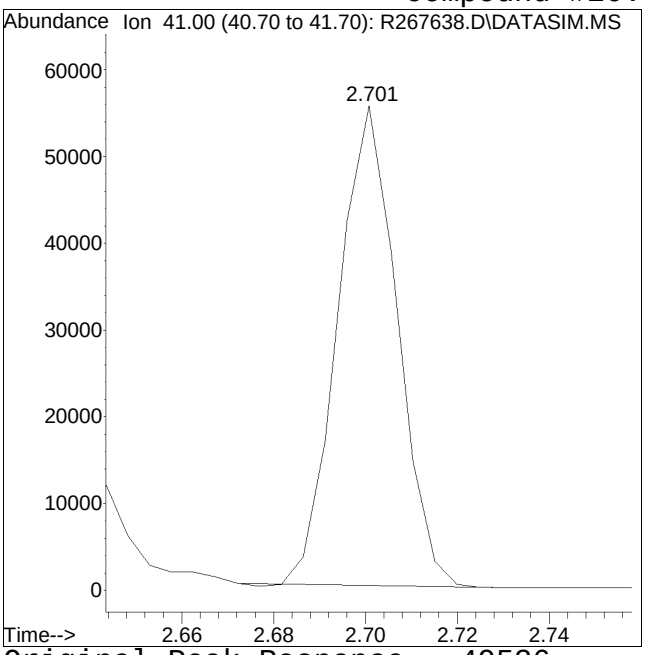
Manual Peak Response = 21364 M4

M4 = Poor automated baseline construction.

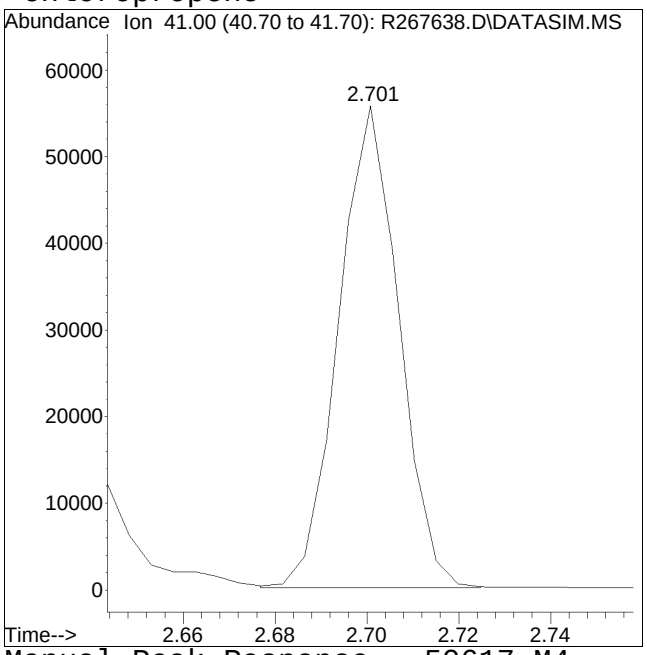
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #20: 3-chloropropene



Original Peak Response = 49536



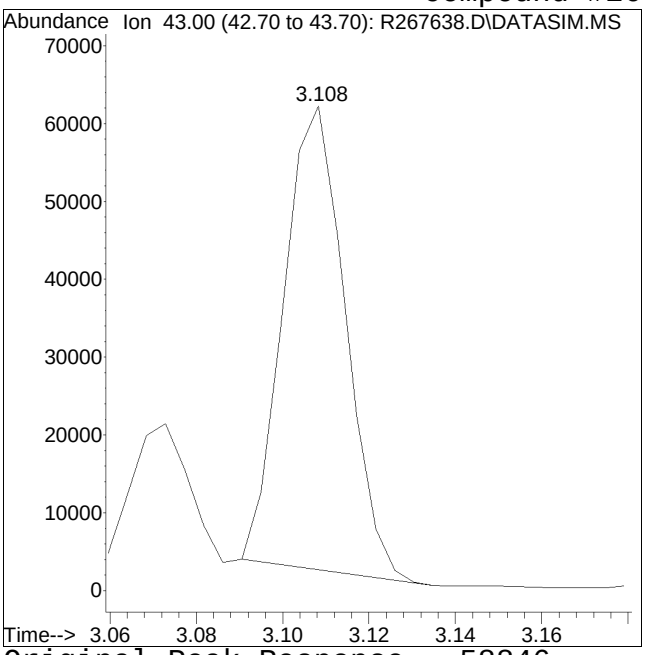
Manual Peak Response = 50617 M4

M4 = Poor automated baseline construction.

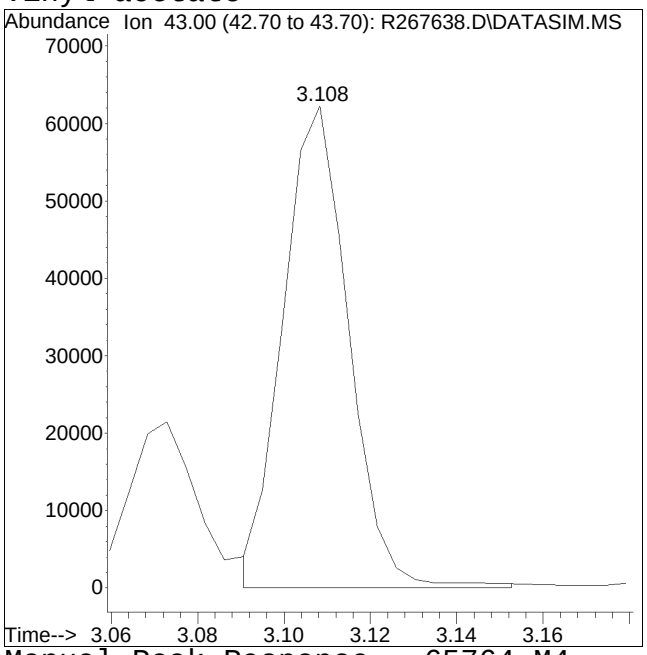
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #26: vinyl acetate



Original Peak Response = 58846



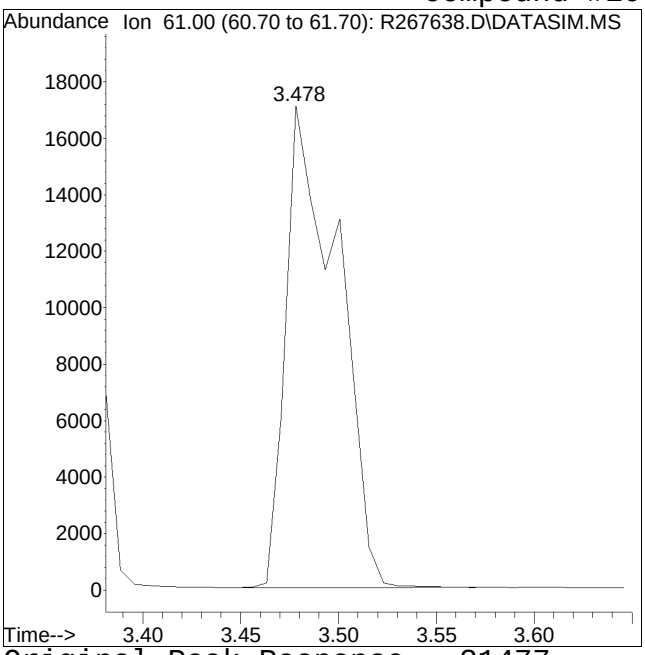
Manual Peak Response = 65764 M4

M4 = Poor automated baseline construction.

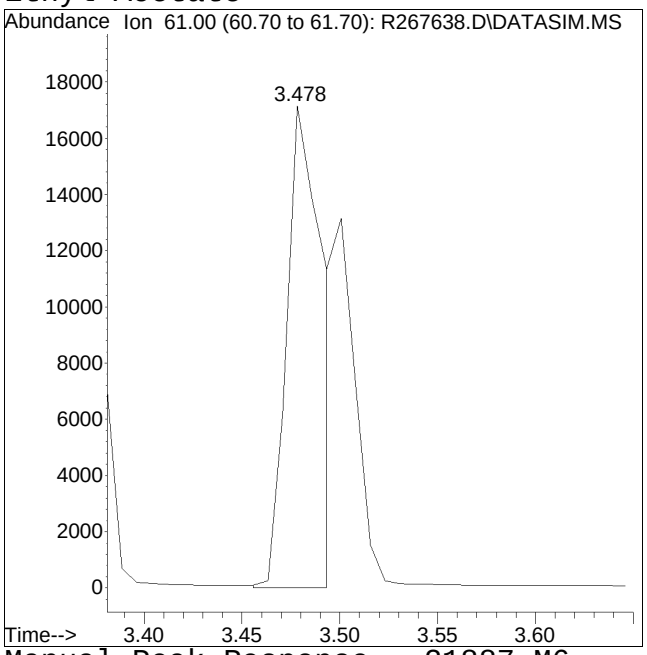
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #29: Ethyl Acetate



Original Peak Response = 31477



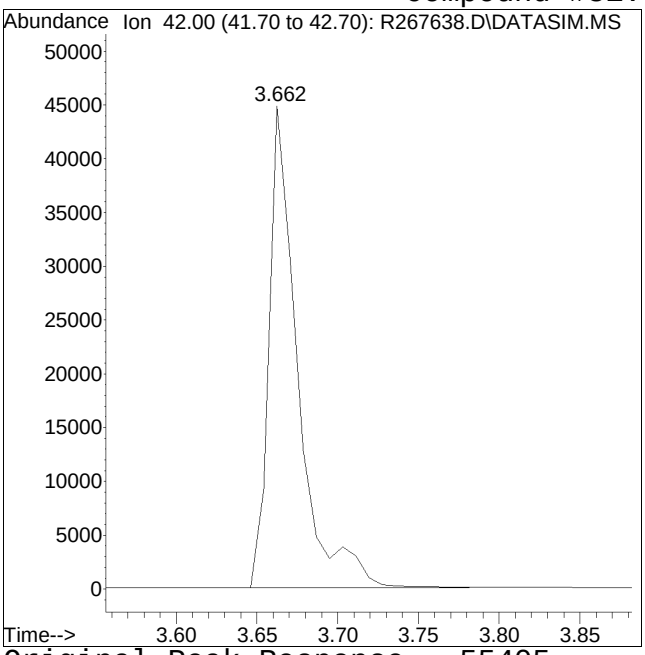
Manual Peak Response = 21887 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

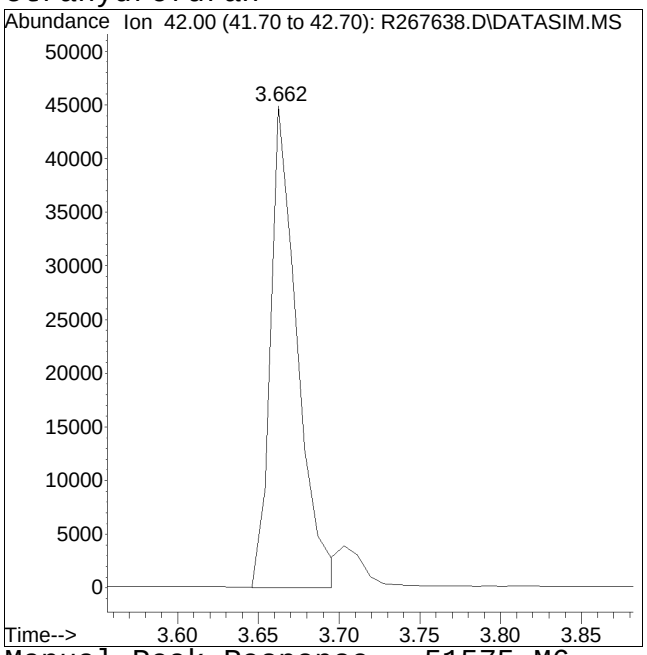
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #31: Tetrahydrofuran



Original Peak Response = 55405



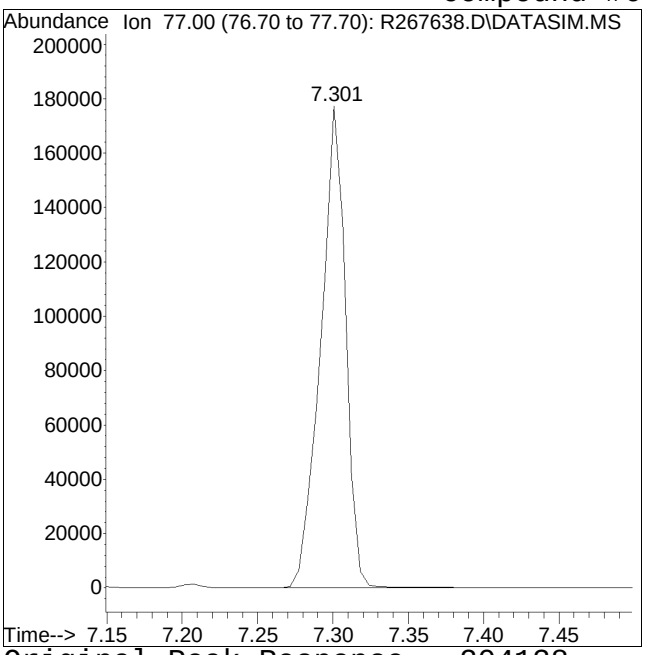
Manual Peak Response = 51575 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

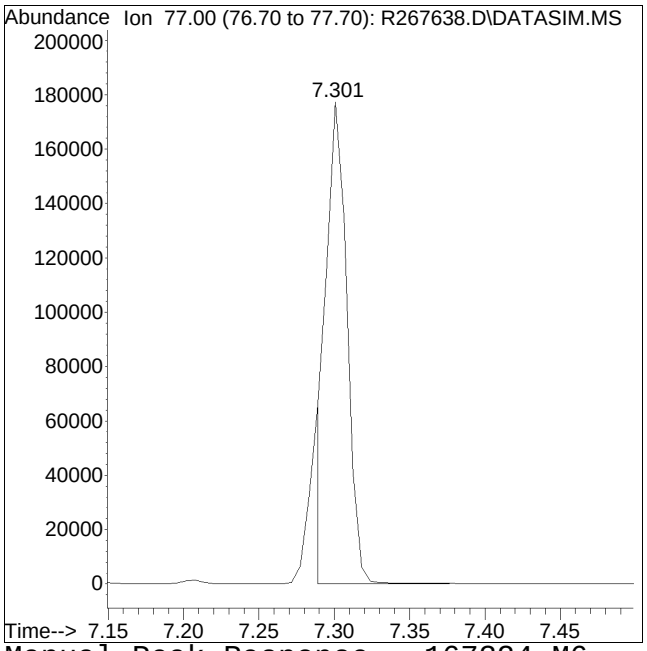
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #69: Bromobenzene



Original Peak Response = 204138



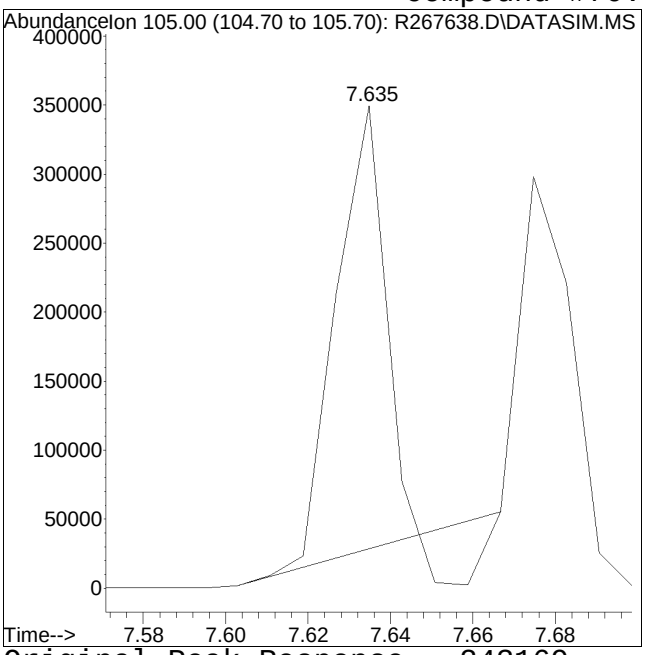
Manual Peak Response = 167324 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

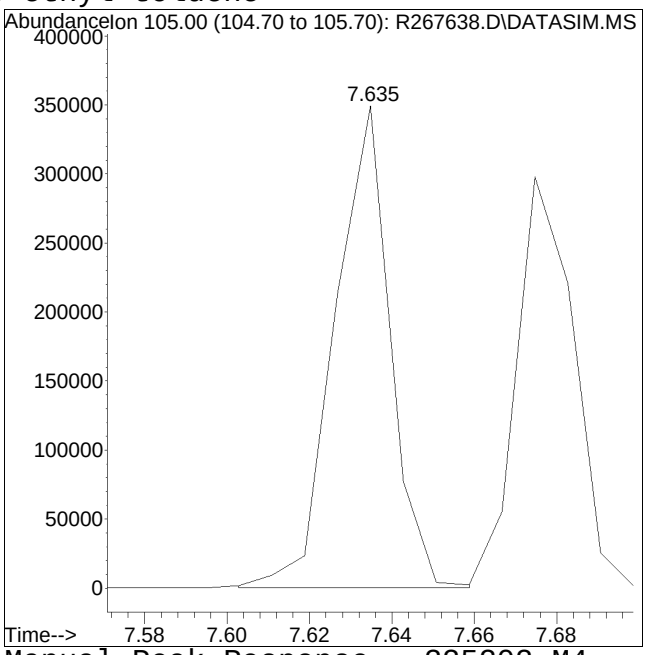
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #70: 4-ethyl toluene



Original Peak Response = 243169



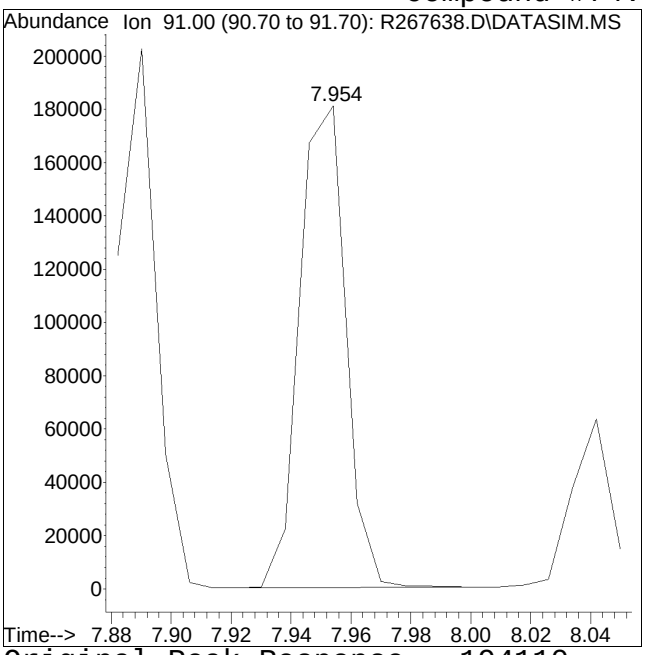
Manual Peak Response = 325202 M4

M4 = Poor automated baseline construction.

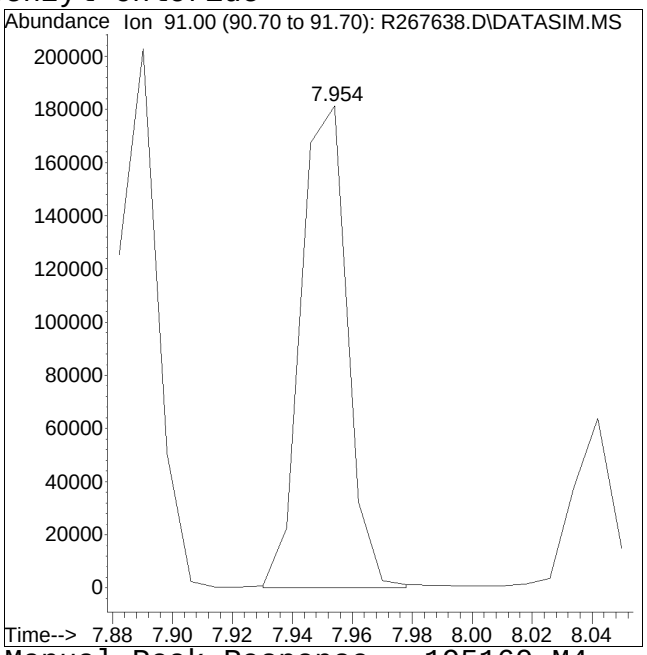
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #74: Benzyl Chloride



Original Peak Response = 194110



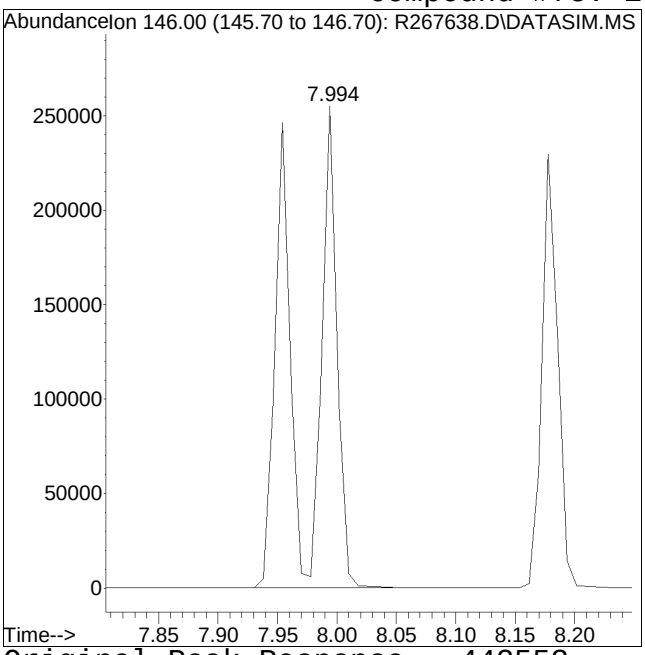
Manual Peak Response = 195160 M4

M4 = Poor automated baseline construction.

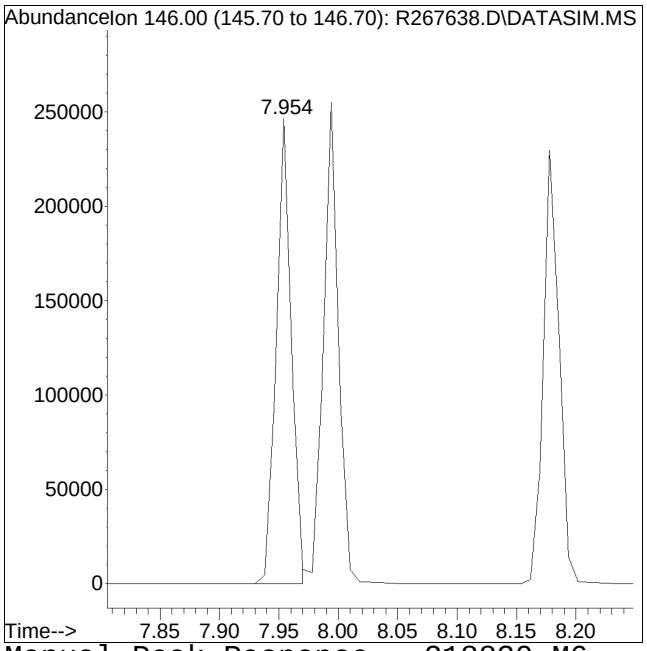
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #75: 1,3-dichlorobenzene



Original Peak Response = 442553



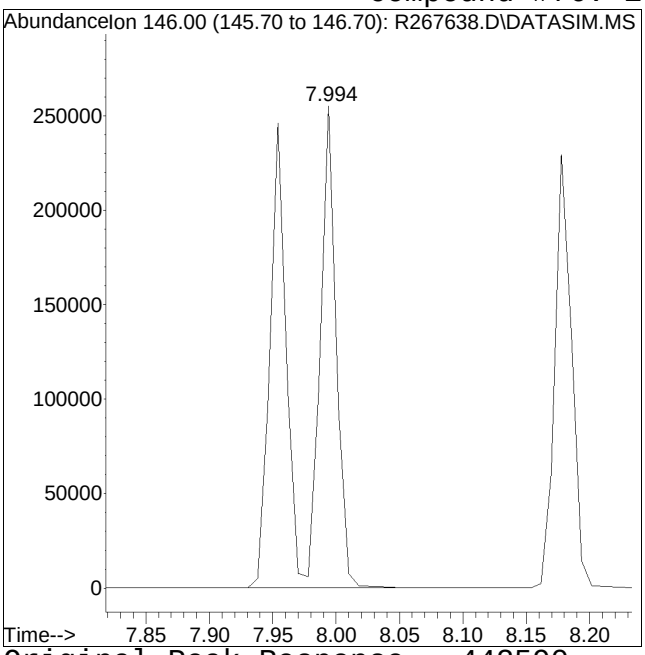
Manual Peak Response = 218830 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

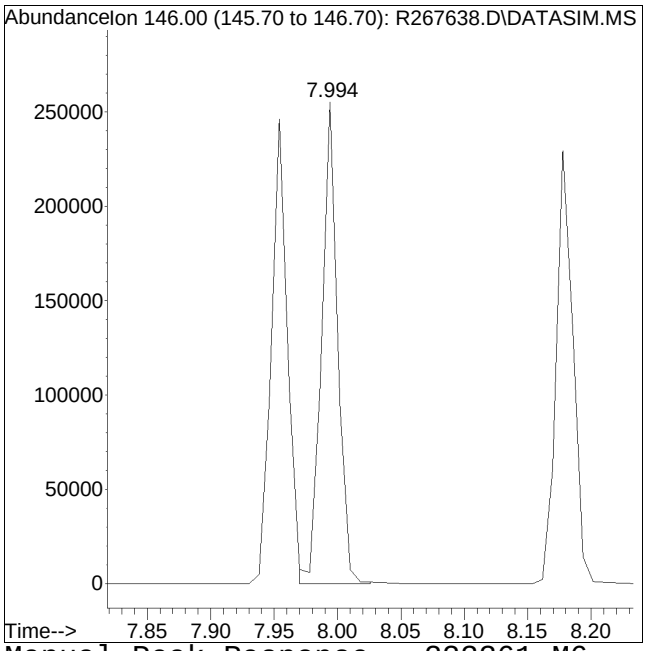
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R267638.D Operator : AIRLAB26:KJD
Date Inj'd : 1/8/2026 11:44 am Instrument : Airlab26
Sample : CTO15-SIMSTD5.0 Quant Date : 1/9/2026 9:12 am

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 442590



Manual Peak Response = 223361 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: NYDEC_Labella Associates		Lab Number	: L2612589	
Project Name	: TIFFT NATURE PRESERVE		Project Number	: CO 153307/S 2503891	
Instrument ID	: AIRLAB17		Calibration Date	: 03/27/26 14:26	
Lab File ID	: R1755128_EV2		Init. Calib. Date(s)	: 03/05/26	03/05/26
Sample No	: WG2190695-2		Init. Calib. Times	: 06:48	12:31
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	109	.02
propylene	0.715	0.645	-	9.8	30	118	.01
dichlorodifluoromethane	1.521	1.394	-	8.3	30	109	.02
chloromethane	0.719	0.569	-	20.9	30	96	.02
Freon-114	1.852	1.668	-	9.9	30	110	.02
vinyl chloride	0.944	0.733	-	22.4	30	95	.02
1,3-butadiene	0.592	0.478	-	19.3	30	103	.02
bromomethane	0.74	0.668	-	9.7	30	106	.02
chloroethane	0.462	0.356	-	22.9	30	91	.02
ethanol	0.72	0.517	-	28.2	30	80	.02
vinyl bromide	0.742	0.781	-	-5.3	30	133	.02
acrolein	0.411	0.283	-	31.1*	30	89	.02
acetone	1.023	0.898	-	12.2	30	111	.02
trichlorofluoromethane	1.558	1.452	-	6.8	30	115	.02
isopropyl alcohol	1.126	0.984	-	12.6	30	104	.03
acrylonitrile	0.637	0.518	-	18.7	30	98	.02
1,1-dichloroethene	1.338	1.158	-	13.5	30	108	.02
tertiary butyl alcohol	1.56	1.172	-	24.9	30	91	.02
methylene chloride	0.844	0.795	-	5.8	30	114	.02
3-chloropropene	1.047	1.008	-	3.7	30	120	.02
carbon disulfide	2.14	2.202	-	-2.9	30	125	.02
Freon 113	1.709	1.664	-	2.6	30	122	.02
trans-1,2-dichloroethene	1.262	1.123	-	11	30	111	.03
1,1-dichloroethane	1.678	1.431	-	14.7	30	109	.02
MTBE	1.766	1.698	-	3.9	30	121	.02
vinyl acetate	1.491	0.981	-	34.2*	30	89	.03
2-butanone	1.476	1.373	-	7	30	114	.02
cis-1,2-dichloroethene	1.304	1.084	-	16.9	30	106	.02
Ethyl Acetate	0.291	0.278	-	4.5	30	116	.03
chloroform	1.505	1.406	-	6.6	30	120	.03
Tetrahydrofuran	0.788	0.844	-	-7.1	30	131	.02
1,2-dichloroethane	0.991	0.84	-	15.2	30	108	.03
1,4-difluorobenzene	1	1	-	0	30	121	.02
hexane	0.458	0.36	-	21.4	30	101	.02
1,1,1-trichloroethane	0.449	0.353	-	21.4	30	112	.02
benzene	0.876	0.758	-	13.5	30	124	.02
carbon tetrachloride	0.384	0.359	-	6.5	30	129	.02
cyclohexane	0.466	0.379	-	18.7	30	109	.02
Dibromomethane	0.315	0.246	-	21.9	30	111	.02
1,2-dichloropropane	0.366	0.281	-	23.2	30	110	.02
bromodichloromethane	0.43	0.404	-	6	30	127	.02
1,4-dioxane	0.17	0.16	-	5.9	30	129	.02
trichloroethene	0.453	0.391	-	13.7	30	119	.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB17	**Calibration Date**	: 03/27/26 14:26
Lab File ID	: R1755128_EV2	**Init. Calib. Date(s)**	: 03/05/26 03/05/26
Sample No	: WG2190695-2	**Init. Calib. Times**	: 06:48 12:31
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2,2,4-trimethylpentane	1.43	1.185	-	17.1	30	111	.02
heptane	0.476	0.421	-	11.6	30	120	.02
cis-1,3-dichloropropene	0.363	0.389	-	-7.2	30	146	.03
4-methyl-2-pentanone	0.547	0.464	-	15.2	30	115	.02
trans-1,3-dichloropropene	0.235	0.272	-	-15.7	30	148	.02
1,1,2-trichloroethane	0.373	0.317	-	15	30	117	.03
chlorobenzene-D5	1	1	-	0	30	102	.02
toluene	7.815	7.52	-	3.8	30	111	.03
2-hexanone	2.829	3.139	-	-11	30	177	0
dibromochloromethane	3.523	3.991	-	-13.3	30	128	.02
1,2-dibromoethane	3.383	3.903	-	-15.4	30	132	.02
tetrachloroethene	3.026	3.251	-	-7.4	30	128	.02
1,1,1,2-tetrachloroethane	2.933	2.882	-	1.7	30	116	.02
chlorobenzene	6.07	6.386	-	-5.2	30	124	.02
ethylbenzene	9.895	9.424	-	4.8	30	108	0
m+p-xylene	7.708	7.67	-	0.5	30	110	.02
bromoform	2.423	3.067	-	-26.6	30	136	.02
styrene	5.325	6.241	-	-17.2	30	123	.02
1,1,2,2-tetrachloroethane	5.135	5.278	-	-2.8	30	123	.02
o-xylene	7.827	7.618	-	2.7	30	109	.02
1,2,3-Trichloropropane	3.499	3.57	-	-2	30	119	.02
isopropylbenzene	9.504	9.892	-	-4.1	30	121	.02
Bromobenzene	4.587	4.533	-	1.2	30	110	0
4-ethyl toluene	8.747	10.155	-	-16.1	30	127	.02
1,3,5-trimethylbenzene	7.86	8.89	-	-13.1	30	127	0
tert-butylbenzene	8.644	8.865	-	-2.6	30	117	.02
1,2,4-trimethylbenzene	7.834	8.837	-	-12.8	30	124	.02
Benzyl Chloride	4.812	3.798	-	21.1	30	86	.02
1,3-dichlorobenzene	4.817	5.487	-	-13.9	30	120	.02
1,4-dichlorobenzene	4.847	5.338	-	-10.1	30	118	.02
sec-butylbenzene	11.673	11.549	-	1.1	30	112	.02
p-isopropyltoluene	10.52	10.26	-	2.5	30	110	.02
1,2-dichlorobenzene	5.109	5.11	-	-0	30	119	.03
n-butylbenzene	9.104	8.26	-	9.3	30	99	.03
1,2-dibromo-3-chloropropan	1.674	1.406	-	16	30	94	.03
1,2,4-trichlorobenzene	2.832	2.615	-	7.7	30	94	.07
naphthalene	8.998	6.293	-	30.1*	30	74	.07
1,2,3-trichlorobenzene	2.802	2.074	-	26	30	79	.07
hexachlorobutadiene	2.917	2.738	-	6.1	30	103	.07

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: NYDEC_Labella Associates		Lab Number	: L2612589	
Project Name	: TIFFT NATURE PRESERVE		Project Number	: CO 153307/S 2503891	
Instrument ID	: AIRLAB26		Calibration Date	: 03/28/26 15:30	
Lab File ID	: R269467		Init. Calib. Date(s)	: 01/07/26	01/08/26
Sample No	: WG2190907-2		Init. Calib. Times	: 21:01	02:05
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	119	0
propylene	0.666	0.676	-	-1.5	30	127	0
dichlorodifluoromethane	2.068	2.166	-	-4.7	30	126	0
chloromethane	0.716	0.775	-	-8.2	30	131	0
Freon-114	2.291	2.407	-	-5.1	30	129	0
vinyl chloride	0.895	0.946	-	-5.7	30	134	0
1,3-butadiene	0.577	0.641	-	-11.1	30	147	0
bromomethane	0.855	0.91	-	-6.4	30	136	0
chloroethane	0.485	0.507	-	-4.5	30	129	0
ethanol	0.349	0.338	-	3.2	30	113	0
vinyl bromide	0.826	0.855	-	-3.5	30	131	0
acrolein	0.402	0.328	-	18.4	30	105	0
acetone	0.882	1.047	-	-18.7	30	147	0
trichlorofluoromethane	1.945	1.973	-	-1.4	30	126	0
isopropyl alcohol	1.094	1.142	-	-4.4	30	152	0
acrylonitrile	0.635	0.598	-	5.8	30	115	0
1,1-dichloroethene	1.211	1.276	-	-5.4	30	132	0
tertiary butyl alcohol	1.46	1.403	-	3.9	30	122	0
methylene chloride	0.782	0.927	-	-18.5	30	137	0
3-chloropropene	0.711	0.799	-	-12.4	30	136	0
carbon disulfide	2.151	2.335	-	-8.6	30	136	0
Freon 113	1.759	1.766	-	-0.4	30	126	0
trans-1,2-dichloroethene	1.061	1.115	-	-5.1	30	137	0
1,1-dichloroethane	1.434	1.454	-	-1.4	30	129	0
MTBE	2.05	2.059	-	-0.4	30	132	0
vinyl acetate	1.392	1.076	-	22.7	30	95	0
2-butanone	1.637	1.775	-	-8.4	30	134	0
cis-1,2-dichloroethene	1.191	1.071	-	10.1	30	112	0
Ethyl Acetate	0.318	0.265	-	16.7	30	121	0
chloroform	1.831	1.704	-	6.9	30	118	0
Tetrahydrofuran	0.676	0.795	-	-17.6	30	144	0
1,2-dichloroethane	1.051	0.953	-	9.3	30	114	0
1,4-difluorobenzene	1	1	-	0	30	112	0
hexane	0.39	0.395	-	-1.3	30	133	0
1,1,1-trichloroethane	0.53	0.506	-	4.5	30	113	0
benzene	0.877	0.854	-	2.6	30	114	0
carbon tetrachloride	0.505	0.501	-	0.8	30	116	0
cyclohexane	0.371	0.383	-	-3.2	30	123	0
Dibromomethane	0.339	0.296	-	12.7	30	101	0
1,2-dichloropropane	0.318	0.31	-	2.5	30	115	0
bromodichloromethane	0.546	0.576	-	-5.5	30	127	0
1,4-dioxane	0.174	0.188	-	-8	30	135	0
trichloroethene	0.418	0.376	-	10	30	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: NYDEC_Labella Associates	**Lab Number**	: L2612589
Project Name	: TIFFT NATURE PRESERVE	**Project Number**	: CO 153307/S 2503891
Instrument ID	: AIRLAB26	**Calibration Date**	: 03/28/26 15:30
Lab File ID	: R269467	**Init. Calib. Date(s)**	: 01/07/26 01/08/26
Sample No	: WG2190907-2	**Init. Calib. Times**	: 21:01 02:05
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2,2,4-trimethylpentane	1.112	1.244	-	-11.9	30	134	0
heptane	0.373	0.403	-	-8	30	128	0
cis-1,3-dichloropropene	0.45	0.51	-	-13.3	30	132	0
4-methyl-2-pentanone	0.494	0.534	-	-8.1	30	124	0
trans-1,3-dichloropropene	0.342	0.383	-	-12	30	132	0
1,1,2-trichloroethane	0.384	0.364	-	5.2	30	111	0
chlorobenzene-D5	1	1	-	0	30	115	0
toluene	7.617	7.282	-	4.4	30	113	0
2-hexanone	3.472	3.471	-	0	30	117	0
dibromochloromethane	3.922	4.044	-	-3.1	30	126	0
1,2-dibromoethane	4.119	3.908	-	5.1	30	116	0
tetrachloroethene	3.549	3.134	-	11.7	30	109	0
1,1,1,2-tetrachloroethane	3.104	2.578	-	16.9	30	96	0
chlorobenzene	6.327	5.715	-	9.7	30	109	0
ethylbenzene	9.752	8.849	-	9.3	30	107	0
m+p-xylene	7.703	7.238	-	6	30	112	0
bromoform	3.421	3.595	-	-5.1	30	126	0
styrene	5.502	5.28	-	4	30	107	0
1,1,2,2-tetrachloroethane	5.941	5.518	-	7.1	30	112	0
o-xylene	7.536	6.908	-	8.3	30	110	0
1,2,3-Trichloropropane	4.396	3.886	-	11.6	30	104	0
isopropylbenzene	10.466	9.615	-	8.1	30	101	0
Bromobenzene	7.104	6.108	-	14	30	102	0
4-ethyl toluene	9.808	10.019	-	-2.2	30	118	0
1,3,5-trimethylbenzene	8.257	7.873	-	4.7	30	112	0
tert-butylbenzene	8.989	8.425	-	6.3	30	102	0
1,2,4-trimethylbenzene	8.564	8.311	-	3	30	111	0
Benzyl Chloride	6.747	5.612	-	16.8	30	93	0
1,3-dichlorobenzene	6.499	5.839	-	10.2	30	104	0
1,4-dichlorobenzene	6.837	5.954	-	12.9	30	106	0
sec-butylbenzene	12.481	11.739	-	5.9	30	99	0
p-isopropyltoluene	11.211	10.823	-	3.5	30	103	0
1,2-dichlorobenzene	6.519	5.617	-	13.8	30	103	0
n-butylbenzene	10.197	10.201	-	-0	30	103	0
1,2-dibromo-3-chloropropan	2.864	2.342	-	18.2	30	93	0
1,2,4-trichlorobenzene	6.043	4.923	-	18.5	30	93	0
naphthalene	14.888	10.614	-	28.7	30	76	0
1,2,3-trichlorobenzene	5.999	4.624	-	22.9	30	75	0
hexachlorobutadiene	3.917	3.6	-	8.1	30	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: NYDEC_Labella Associates		Lab Number	: L2612589	
Project Name	: TIFFT NATURE PRESERVE		Project Number	: CO 153307/S 2503891	
Instrument ID	: AIRLAB15		Calibration Date	: 03/29/26 11:10	
Lab File ID	: R1560051_EV2		Init. Calib. Date(s)	: 03/20/26	03/20/26
Sample No	: WG2191136-2		Init. Calib. Times	: 17:45	23:34
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	101	-.08
propylene	0.652	0.64	-	1.8	30	118	-.05
dichlorodifluoromethane	1.233	1.223	-	0.8	30	100	-.05
chloromethane	0.534	0.515	-	3.6	30	99	-.05
Freon-114	1.307	1.324	-	-1.3	30	104	-.05
vinyl chloride	0.65	0.685	-	-5.4	30	113	-.06
1,3-butadiene	0.47	0.519	-	-10.4	30	121	-.05
bromomethane	0.522	0.594	-	-13.8	30	123	-.06
chloroethane	0.304	0.322	-	-5.9	30	114	-.06
ethanol	0.441	0.431	-	2.3	30	120	-.07
vinyl bromide	0.459	0.5	-	-8.9	30	124	-.06
acrolein	0.293	0.25	-	14.7	30	93	-.06
acetone	0.667	0.676	-	-1.3	30	88	-.06
trichlorofluoromethane	1.018	0.991	-	2.7	30	92	-.07
isopropyl alcohol	0.881	0.745	-	15.4	30	79	-.06
acrylonitrile	0.547	0.487	-	11	30	81	-.07
1,1-dichloroethene	0.966	1.03	-	-6.6	30	110	-.07
tertiary butyl alcohol	1.259	1.177	-	6.5	30	102	-.07
methylene chloride	0.856	0.904	-	-5.6	30	109	-.07
3-chloropropene	0.855	0.972	-	-13.7	30	122	-.07
carbon disulfide	1.658	1.814	-	-9.4	30	116	-.07
Freon 113	1.23	1.248	-	-1.5	30	108	-.07
trans-1,2-dichloroethene	0.881	0.981	-	-11.4	30	121	-.07
1,1-dichloroethane	1.218	1.235	-	-1.4	30	106	-.07
MTBE	1.407	1.655	-	-17.6	30	125	-.07
vinyl acetate	1.22	0.85	-	30.3*	30	86	-.07
2-butanone	1.379	1.46	-	-5.9	30	111	-.07
cis-1,2-dichloroethene	0.928	0.971	-	-4.6	30	107	-.07
Ethyl Acetate	0.23	0.26	-	-13	30	123	-.07
chloroform	1.29	1.317	-	-2.1	30	107	-.07
Tetrahydrofuran	0.709	0.869	-	-22.6	30	132	-.07
1,2-dichloroethane	0.768	0.786	-	-2.3	30	108	-.07
1,4-difluorobenzene	1	1	-	0	30	100	-.07
hexane	0.472	0.524	-	-11	30	117	-.08
1,1,1-trichloroethane	0.409	0.41	-	-0.2	30	100	-.08
benzene	0.969	0.991	-	-2.3	30	106	-.07
carbon tetrachloride	0.36	0.391	-	-8.6	30	107	-.07
cyclohexane	0.505	0.569	-	-12.7	30	120	-.07
Dibromomethane	0.294	0.279	-	5.1	30	101	-.07
1,2-dichloropropane	0.339	0.343	-	-1.2	30	107	-.07
bromodichloromethane	0.445	0.514	-	-15.5	30	121	-.07
1,4-dioxane	0.188	0.224	-	-19.1	30	125	-.07
trichloroethene	0.387	0.399	-	-3.1	30	104	-.07

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Instrument ID	: AIRLAB15	Calibration Date	: 03/29/26 11:10
Lab File ID	: R1560051_EV2	Init. Calib. Date(s)	: 03/20/26 03/20/26
Sample No	: WG2191136-2	Init. Calib. Times	: 17:45 23:34
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2,2,4-trimethylpentane	1.519	1.78	-	-17.2	30	124	-.08
heptane	0.532	0.624	-	-17.3	30	121	-.07
cis-1,3-dichloropropene	0.381	0.507	-	-33.1*	30	128	-.07
4-methyl-2-pentanone	0.6	0.715	-	-19.2	30	121	-.07
trans-1,3-dichloropropene	0.26	0.362	-	-39.2*	30	133	-.08
1,1,2-trichloroethane	0.345	0.353	-	-2.3	30	105	-.07
chlorobenzene-D5	1	1	-	0	30	94	-.05
toluene	6.071	6.681	-	-10	30	106	-.07
2-hexanone	3.041	3.801	-	-25	30	118	-.06
dibromochloromethane	2.301	2.819	-	-22.5	30	117	-.06
1,2-dibromoethane	2.695	3.184	-	-18.1	30	111	-.06
tetrachloroethene	2.39	2.53	-	-5.9	30	103	-.05
1,1,1,2-tetrachloroethane	2.037	2.029	-	0.4	30	96	-.06
chlorobenzene	5.044	5.386	-	-6.8	30	104	-.05
ethylbenzene	7.596	8.551	-	-12.6	30	104	-.05
m+p-xylene	6.075	6.989	-	-15	30	104	-.06
bromoform	1.744	2.069	-	-18.6	30	111	-.05
styrene	4.512	5.468	-	-21.2	30	105	-.06
1,1,2,2-tetrachloroethane	4.522	5.148	-	-13.8	30	107	-.05
o-xylene	6.068	6.991	-	-15.2	30	103	-.05
1,2,3-Trichloropropane	3.413	3.683	-	-7.9	30	102	-.05
isopropylbenzene	8.312	8.513	-	-2.4	30	98	-.05
Bromobenzene	4.512	4.774	-	-5.8	30	98	-.05
4-ethyl toluene	7.177	9.297	-	-29.5	30	116	-.05
1,3,5-trimethylbenzene	6.749	8.169	-	-21	30	109	-.04
tert-butylbenzene	7.23	7.799	-	-7.9	30	100	-.04
1,2,4-trimethylbenzene	6.663	8.438	-	-26.6	30	110	-.04
Benzyl Chloride	4.237	4.328	-	-2.1	30	99	-.04
1,3-dichlorobenzene	4.618	5.516	-	-19.4	30	103	-.03
1,4-dichlorobenzene	4.647	5.509	-	-18.5	30	105	-.03
sec-butylbenzene	10.474	10.844	-	-3.5	30	97	-.04
p-isopropyltoluene	8.383	8.793	-	-4.9	30	90	-.03
1,2-dichlorobenzene	4.533	5.225	-	-15.3	30	104	-.02
n-butylbenzene	7.995	8.759	-	-9.6	30	101	-.02
1,2-dibromo-3-chloropropan	1.607	1.853	-	-15.3	30	94	0
1,2,4-trichlorobenzene	2.836	3.873	-	-36.6*	30	115	.02
naphthalene	8.668	10.302	-	-18.9	30	102	.02
1,2,3-trichlorobenzene	2.85	3.258	-	-14.3	30	103	.02
hexachlorobutadiene	2.636	3.243	-	-23	30	112	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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	109	0.02
3		propylene	0.715	0.645	9.8	118	0.01
4		dichlorodifluoromethane	1.521	1.394	8.3	109	0.02
5	C	chloromethane	0.719	0.569	20.9	96	0.02
6		Freon-114	1.852	1.668	9.9	110	0.02
7	C	vinyl chloride	0.944	0.733	22.4	95	0.02
8	C	1,3-butadiene	0.592	0.478	19.3	103	0.02
9	C	bromomethane	0.740	0.668	9.7	106	0.02
10	C	chloroethane	0.462	0.356	22.9	91	0.02
11		ethanol	0.720	0.517	28.2	80	0.02
12	C	vinyl bromide	0.742	0.781	-5.3	133	0.02
13	C	acrolein	0.411	0.283	31.1#	89	0.02
14		acetone	1.023	0.898	12.2	111	0.02
15		trichlorofluoromethane	1.558	1.452	6.8	115	0.02
16		isopropyl alcohol	1.126	0.984	12.6	104	0.03
17	C	acrylonitrile	0.637	0.518	18.7	98	0.02
18	C	1,1-dichloroethene	1.338	1.158	13.5	108	0.02
19		tertiary butyl alcohol	1.560	1.172	24.9	91	0.02
20	C	methylene chloride	0.844	0.795	5.8	114	0.02
21	C	3-chloropropene	1.047	1.008	3.7	120	0.02
22	C	carbon disulfide	2.140	2.202	-2.9	125	0.02
23		Freon 113	1.709	1.664	2.6	122	0.02
24		trans-1,2-dichloroethene	1.262	1.123	11.0	111	0.03
25	C	1,1-dichloroethane	1.678	1.431	14.7	109	0.02
26	C	MTBE	1.766	1.698	3.9	121	0.02
27	C	vinyl acetate	1.491	0.981	34.2#	89	0.03
28	C	2-butanone	1.476	1.373	7.0	114	0.02
29		cis-1,2-dichloroethene	1.304	1.084	16.9	106	0.02
30		Ethyl Acetate	0.291	0.278	4.5	116	0.03
31	C	chloroform	1.505	1.406	6.6	120	0.03
32		Tetrahydrofuran	0.788	0.844	-7.1	131	0.02
33	C	1,2-dichloroethane	0.991	0.840	15.2	108	0.03
34	I	1,4-difluorobenzene	1.000	1.000	0.0	121	0.02
35	C	hexane	0.458	0.360	21.4	101	0.02
37	C	1,1,1-trichloroethane	0.449	0.353	21.4	112	0.02
38	C	benzene	0.876	0.758	13.5	124	0.02
39	C	carbon tetrachloride	0.384	0.359	6.5	129	0.02
40		cyclohexane	0.466	0.379	18.7	109	0.02

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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		Dibromomethane	0.315	0.246	21.9	111	0.02
42	C	1,2-dichloropropane	0.366	0.281	23.2	110	0.02
43		bromodichloromethane	0.430	0.404	6.0	127	0.02
44	C	1,4-dioxane	0.170	0.160	5.9	129	0.02
45	C	trichloroethene	0.453	0.391	13.7	119	0.02
46	C	2,2,4-trimethylpentane	1.430	1.185	17.1	111	0.02
47		heptane	0.476	0.421	11.6	120	0.02
48	C	cis-1,3-dichloropropene	0.363	0.389	-7.2	146#	0.03
49	C	4-methyl-2-pentanone	0.547	0.464	15.2	115	0.02
50		trans-1,3-dichloropropene	0.235	0.272	-15.7	148#	0.02
51	C	1,1,2-trichloroethane	0.373	0.317	15.0	117	0.03
52	I	chlorobenzene-D5	1.000	1.000	0.0	102	0.02
53	C	toluene	7.815	7.520	3.8	111	0.03
55		2-hexanone	2.829	3.139	-11.0	177#	0.00
56		dibromochloromethane	3.523	3.991	-13.3	128	0.02
57	C	1,2-dibromoethane	3.383	3.903	-15.4	132	0.02
58	C	tetrachloroethene	3.026	3.251	-7.4	128	0.02
59		1,1,1,2-tetrachloroethane	2.933	2.882	1.7	116	0.02
60	C	chlorobenzene	6.070	6.386	-5.2	124	0.02
61	C	ethylbenzene	9.895	9.424	4.8	108	0.00
62	C	m+p-xylene	7.708	7.670	0.5	110	0.02
63	C	bromoform	2.423	3.067	-26.6	136	0.02
64	C	styrene	5.325	6.241	-17.2	123	0.02
65	C	1,1,2,2-tetrachloroethane	5.135	5.278	-2.8	123	0.02
66	C	o-xylene	7.827	7.618	2.7	109	0.02
67		1,2,3-Trichloropropane	3.499	3.570	-2.0	119	0.02
69	C	isopropylbenzene	9.504	9.892	-4.1	121	0.02
70		Bromobenzene	4.587	4.533	1.2	110	0.00
71		4-ethyl toluene	8.747	10.155	-16.1	127	0.02
72		1,3,5-trimethylbenzene	7.860	8.890	-13.1	127	0.00
73		tert-butylbenzene	8.644	8.865	-2.6	117	0.02
74		1,2,4-trimethylbenzene	7.834	8.837	-12.8	124	0.02
75	C	Benzyl Chloride	4.812	3.798	21.1	86	0.02
76		1,3-dichlorobenzene	4.817	5.487	-13.9	120	0.02
77	C	1,4-dichlorobenzene	4.847	5.338	-10.1	118	0.02
78		sec-butylbenzene	11.673	11.549	1.1	112	0.02
80		p-isopropyltoluene	10.520	10.260	2.5	110	0.02
81		1,2-dichlorobenzene	5.109	5.110	-0.0	119	0.03

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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)
82	n-butylbenzene	9.104	8.260	9.3	99	0.03
83	1,2-dibromo-3-chloropropane	1.674	1.406	16.0	94	0.03
84 C	1,2,4-trichlorobenzene	2.832	2.615	7.7	94	0.07
85	naphthalene	8.998	6.293	30.1#	74	0.07
86	1,2,3-trichlorobenzene	2.802	2.074	26.0	79	0.07
87 C	hexachlorobutadiene	2.917	2.738	6.1	103	0.07

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.783	49	255556	10.000	ppbV		0.02
Standard Area = 255556			Recovery = 100.00%				
34) 1,4-difluorobenzene	11.003	114	912824	10.000	ppbV		0.02
Standard Area = 912824			Recovery = 100.00%				
52) chlorobenzene-D5	15.767	54	110427	10.000	ppbV	#	0.02
Standard Area = 110427			Recovery = 100.00%				
System Monitoring Compounds							
Target Compounds							Qvalue
3) propylene	3.784	41	82480M6	4.516	ppbV		
4) dichlorodifluoromethane	3.856	85	178136	4.582	ppbV		99
5) chloromethane	4.012	50	72675	3.955	ppbV		98
6) Freon-114	4.114	85	213175	4.504	ppbV		96
7) vinyl chloride	4.228	62	93690	3.883	ppbV		99
8) 1,3-butadiene	4.366	54	61110	4.043	ppbV		90
9) bromomethane	4.630	94	85307	4.514	ppbV		96
10) chloroethane	4.804	64	45457	3.850	ppbV		100
11) ethanol	4.930	31	330608	17.973	ppbV	#	85
12) vinyl bromide	5.170	106	99800	5.266	ppbV		99
13) acrolein	5.293	56	36098	3.437	ppbV		94
14) acetone	5.420	43	573694	21.941	ppbV		95
15) trichlorofluoromethane	5.613	101	185521	4.660	ppbV		96
16) isopropyl alcohol	5.693	45	314371	10.924	ppbV		99
17) acrylonitrile	5.923	53	66193	4.065	ppbV		98
18) 1,1-dichloroethene	6.288	61	147953	4.326	ppbV		97
19) tertiary butyl alcohol	6.330	59	149729	3.757	ppbV		94
20) methylene chloride	6.426	49	101544	4.710	ppbV		93
21) 3-chloropropene	6.552	41	128773	4.812	ppbV		94
22) carbon disulfide	6.720	76	281373	5.146	ppbV		96
23) Freon 113	6.726	101	212580	4.866	ppbV		95
24) trans-1,2-dichloroethene	7.450	61	143494	4.449	ppbV		93
25) 1,1-dichloroethane	7.667	63	182906	4.264	ppbV		99
26) MTBE	7.733	73	216995	4.808	ppbV		96
27) vinyl acetate	7.858	43	125350	3.289	ppbV		99
28) 2-butanone	8.100	43	175427	4.651	ppbV		98
29) cis-1,2-dichloroethene	8.608	61	138532	4.158	ppbV		92
30) Ethyl Acetate	8.875	61	35479	4.770	ppbV		76
31) chloroform	8.942	83	179696	4.673	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) Tetrahydrofuran	9.367	42	107876	5.354	ppbV		99
33) 1,2-dichloroethane	9.767	62	107276	4.235	ppbV		99
35) hexane	8.858	57	164471	3.931	ppbV		94
37) 1,1,1-trichloroethane	10.050	97	161305	3.939	ppbV		97
38) benzene	10.577	78	346074	4.330	ppbV		95
39) carbon tetrachloride	10.750	117	163658	4.665	ppbV		99
40) cyclohexane	10.890	56	173047	4.065	ppbV		91
41) Dibromomethane	11.483	93	112098	3.904	ppbV	#	88
42) 1,2-dichloropropane	11.517	63	128047	3.837	ppbV		99
43) bromodichloromethane	11.743	83	184553	4.699	ppbV		100
44) 1,4-dioxane	11.783	88	73086	4.709	ppbV		92
45) trichloroethene	11.797	130	178522	4.318	ppbV		98
46) 2,2,4-trimethylpentane	11.843	57	540765	4.143	ppbV		97
47) heptane	12.163	43	192127	4.420	ppbV		95
48) cis-1,3-dichloropropene	12.808	75	177676	5.363	ppbV		93
49) 4-methyl-2-pentanone	12.842	43	211938	4.246	ppbV		96
50) trans-1,3-dichloropropene	13.433	75	123960	5.780	ppbV		95
51) 1,1,2-trichloroethane	13.633	97	144516	4.249	ppbV		96
53) toluene	13.967	91	415209	4.811	ppbV		99
55) 2-hexanone	14.258	43	173305	5.547	ppbV		92
56) dibromochloromethane	14.425	129	220375	5.665	ppbV		98
57) 1,2-dibromoethane	14.683	107	215471	5.768	ppbV		99
58) tetrachloroethene	15.158	166	179516	5.373	ppbV		94
59) 1,1,1,2-tetrachloroethane	15.792	131	159124	4.913	ppbV		97
60) chlorobenzene	15.808	112	352621	5.260	ppbV		96
61) ethylbenzene	16.158	91	520334	4.762	ppbV		95
62) m+p-xylene	16.333	91	846946	9.951	ppbV		89
63) bromoform	16.392	173	169348	6.330	ppbV		99
64) styrene	16.658	104	344601	5.861	ppbV		98
65) 1,1,2,2-tetrachloroethane	16.750	83	291408	5.139	ppbV		100
66) o-xylene	16.750	91	420634	4.867	ppbV		90
67) 1,2,3-Trichloropropane	16.867	75	197105	5.102	ppbV		96
69) isopropylbenzene	17.275	105	546184	5.204	ppbV		99
70) Bromobenzene	17.342	77	250305	4.941	ppbV		92
71) 4-ethyl toluene	17.842	105	560694	5.805	ppbV		98
72) 1,3,5-trimethylbenzene	17.900	105	490851	5.655	ppbV		97
73) tert-butylbenzene	18.250	119	489441	5.128	ppbV		99
74) 1,2,4-trimethylbenzene	18.250	105	487925	5.640	ppbV	#	88
75) Benzyl Chloride	18.375	91	209679	3.946	ppbV		96
76) 1,3-dichlorobenzene	18.383	146	302983	5.696	ppbV		95

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

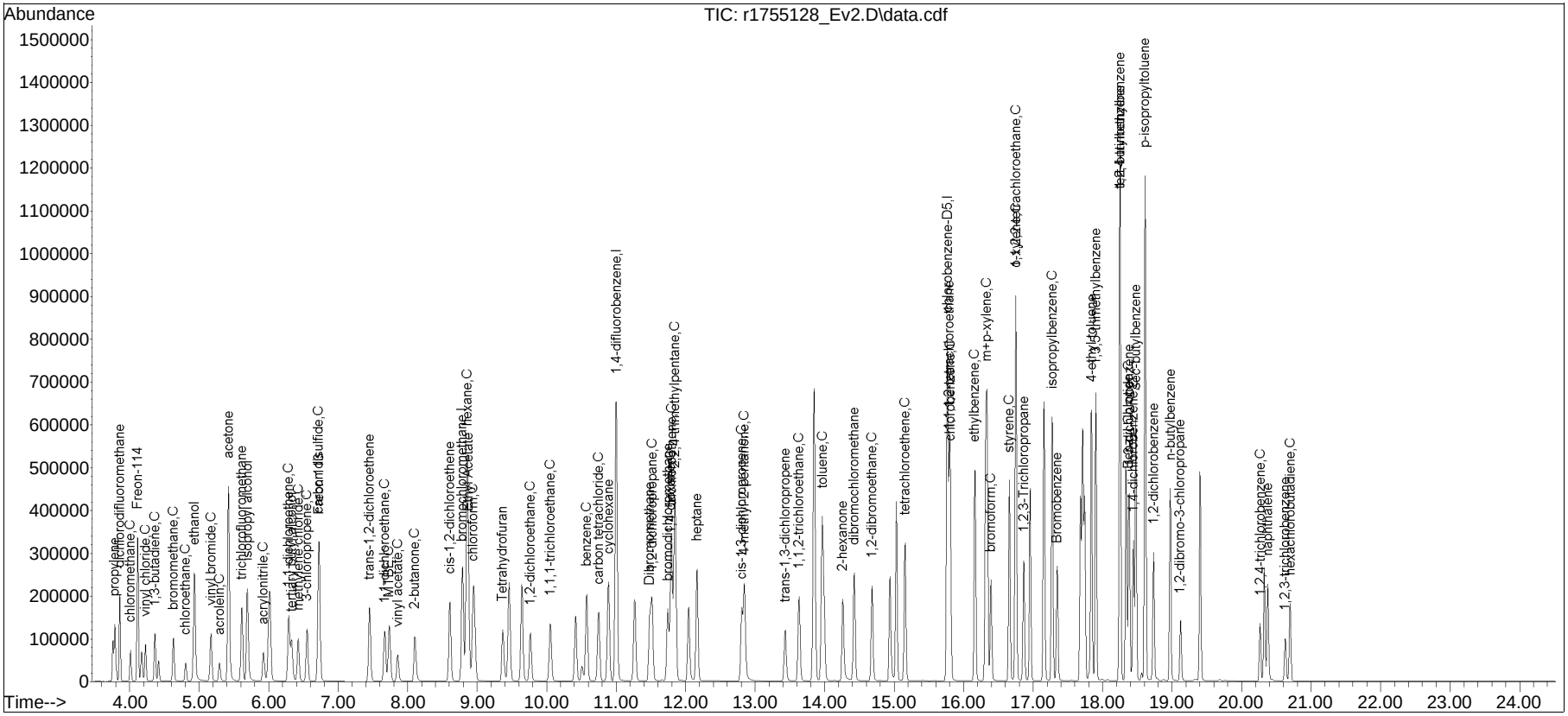
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) 1,4-dichlorobenzene	18.442	146	294713	5.506	ppbV		95
78) sec-butylbenzene	18.475	105	637662	4.947	ppbV		100
80) p-isopropyltoluene	18.608	119	566499	4.877	ppbV		98
81) 1,2-dichlorobenzene	18.733	146	282142	5.001	ppbV	#	91
82) n-butylbenzene	18.975	91	456042	4.536	ppbV		92
83) 1,2-dibromo-3-chloropr...	19.117	75	77645	4.201	ppbV		92
84) 1,2,4-trichlorobenzene	20.267	180	144376	4.617	ppbV		98
85) naphthalene	20.375	128	347472M4	3.497	ppbV		
86) 1,2,3-trichlorobenzene	20.625	180	114533	3.701	ppbV		99
87) hexachlorobutadiene	20.700	225	151195	4.694	ppbV		99

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

Sub List : Default-LCS-AP2 - All compounds listedM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-2,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

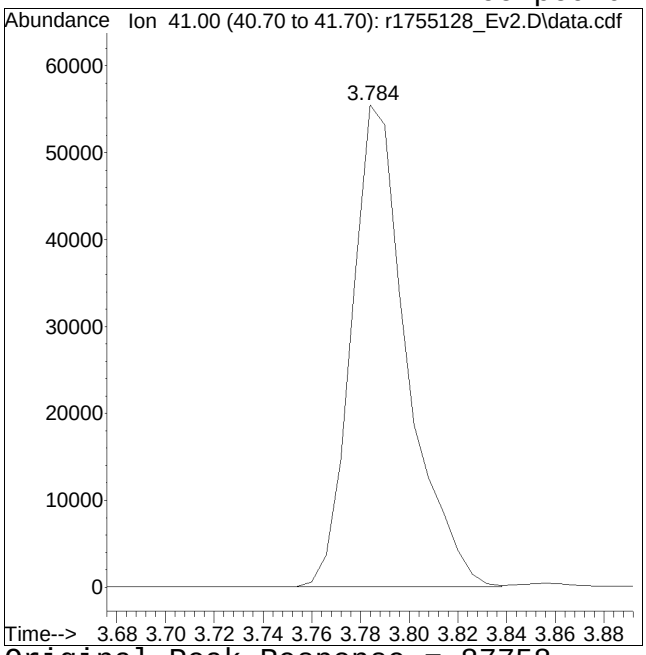
Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration



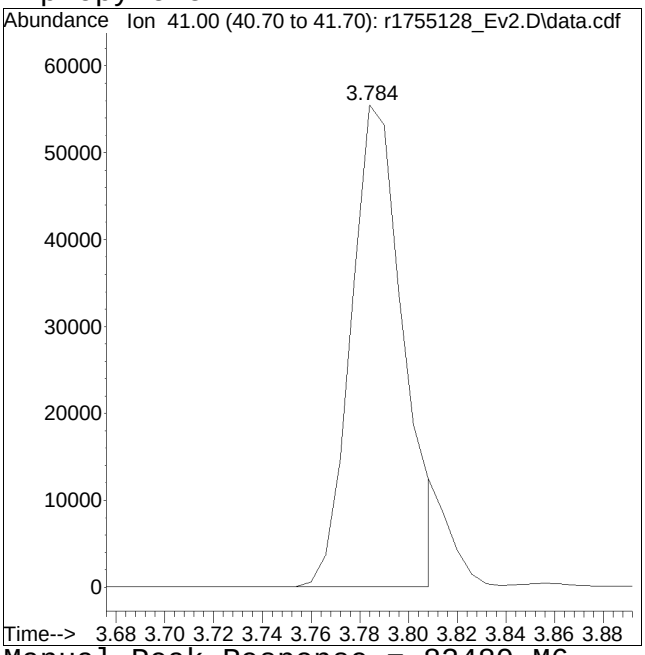
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755128_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/27/2026 2:26 PM Instrument :
Sample : WG2190695-2,3,250,250 Quant Date : 3/27/2026 2:57 pm

Compound #3: propylene



Original Peak Response = 87758



Manual Peak Response = 82480 M6

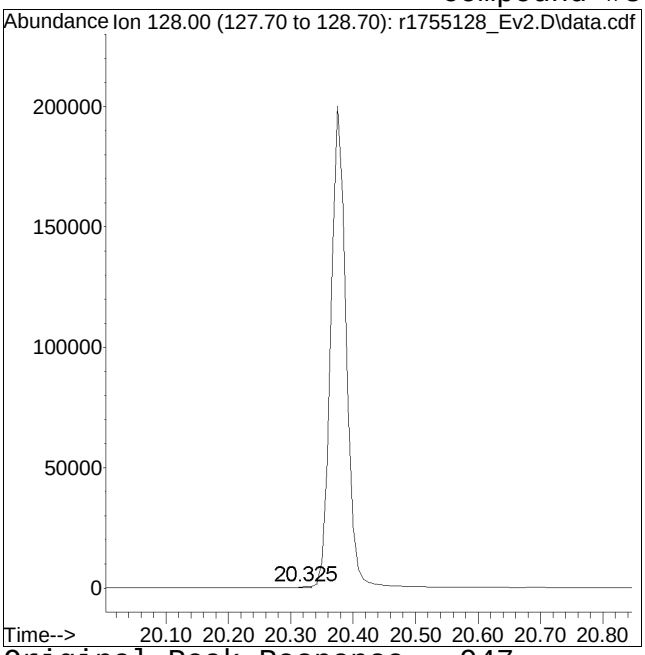
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

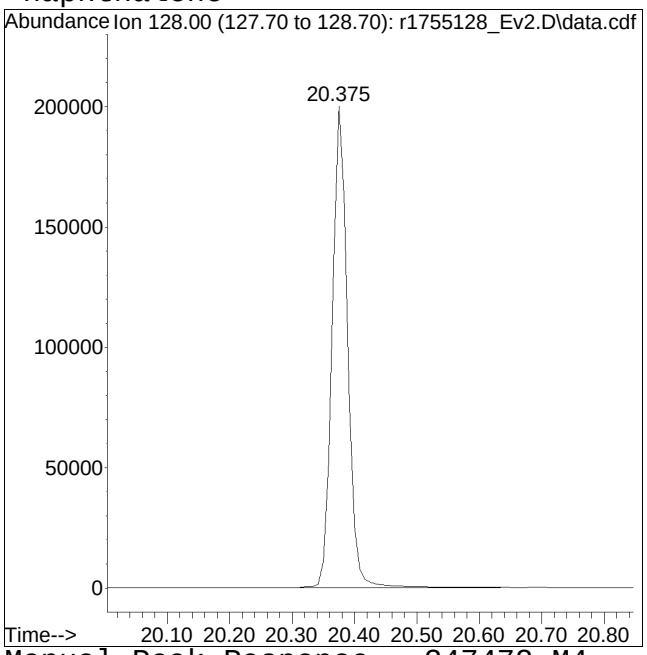
Data Path : X:\Airlab\Data\Airlab17\20Q
Data File : r1755128_Ev2.D
Date Inj'd : 3/27/2026 2:26 PM
Sample : WG2190695-2,3,250,250

Method : TSIM17_260305.M
Operator : AIRLAB17:SL
Instrument :
Quant Date : 3/27/2026 2:57 pm

Compound #85: naphthalene



Original Peak Response = 947



Manual Peak Response = 347472 M4

M4 = Poor automated baseline construction.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	119	0.00
2		propylene	0.666	0.676	-1.5	127	0.00
3		dichlorodifluoromethane	2.068	2.166	-4.7	126	0.00
4	C	chloromethane	0.716	0.775	-8.2	131	0.00
5		Freon-114	2.291	2.407	-5.1	129	0.00
6	C	vinyl chloride	0.895	0.946	-5.7	134	0.00
7	C	1,3-butadiene	0.577	0.641	-11.1	147#	0.00
8	C	bromomethane	0.855	0.910	-6.4	136	0.00
9	C	chloroethane	0.485	0.507	-4.5	129	0.00
10		ethanol	0.349	0.338	3.2	113	0.00
11	C	vinyl bromide	0.826	0.855	-3.5	131	0.00
12	C	acrolein	0.402	0.328	18.4	105	0.00
13		acetone	0.882	1.047	-18.7	147#	0.00
14		trichlorofluoromethane	1.945	1.973	-1.4	126	0.00
15		isopropyl alcohol	1.094	1.142	-4.4	152#	0.00
16	C	acrylonitrile	0.635	0.598	5.8	115	0.00
17	C	1,1-dichloroethene	1.211	1.276	-5.4	132	0.00
18		tertiary butyl alcohol	1.460	1.403	3.9	122	0.00
19	C	methylene chloride	0.782	0.927	-18.5	137	0.00
20	C	3-chloropropene	0.711	0.799	-12.4	136	0.00
21	C	carbon disulfide	2.151	2.335	-8.6	136	0.00
22		Freon 113	1.759	1.766	-0.4	126	0.00
23		trans-1,2-dichloroethene	1.061	1.115	-5.1	137	0.00
24	C	1,1-dichloroethane	1.434	1.454	-1.4	129	0.00
25	C	MTBE	2.050	2.059	-0.4	132	0.00
26	C	vinyl acetate	1.392	1.076	22.7	95	0.00
27	C	2-butanone	1.637	1.775	-8.4	134	0.00
28		cis-1,2-dichloroethene	1.191	1.071	10.1	112	0.00
29		Ethyl Acetate	0.318	0.265	16.7	121	0.00
30	C	chloroform	1.831	1.704	6.9	118	0.00
31		Tetrahydrofuran	0.676	0.795	-17.6	144#	0.00
32	C	1,2-dichloroethane	1.051	0.953	9.3	114	0.00
33	I	1,4-difluorobenzene	1.000	1.000	0.0	112	0.00
34	C	hexane	0.390	0.395	-1.3	133	0.00
36	C	1,1,1-trichloroethane	0.530	0.506	4.5	113	0.00
37	C	benzene	0.877	0.854	2.6	114	0.00
38	C	carbon tetrachloride	0.505	0.501	0.8	116	0.00
39		cyclohexane	0.371	0.383	-3.2	123	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	0.339	0.296	12.7	101	0.00
41	C	1,2-dichloropropane	0.318	0.310	2.5	115	0.00
42		bromodichloromethane	0.546	0.576	-5.5	127	0.00
43	C	1,4-dioxane	0.174	0.188	-8.0	135	0.00
44	C	trichloroethene	0.418	0.376	10.0	107	0.00
45	C	2,2,4-trimethylpentane	1.112	1.244	-11.9	134	0.00
46		heptane	0.373	0.403	-8.0	128	0.00
47	C	cis-1,3-dichloropropene	0.450	0.510	-13.3	132	0.00
48	C	4-methyl-2-pentanone	0.494	0.534	-8.1	124	0.00
49		trans-1,3-dichloropropene	0.342	0.383	-12.0	132	0.00
50	C	1,1,2-trichloroethane	0.384	0.364	5.2	111	0.00
51	I	chlorobenzene-D5	1.000	1.000	0.0	115	0.00
52	C	toluene	7.617	7.282	4.4	113	0.00
54		2-hexanone	3.472	3.471	0.0	117	0.00
55		dibromochloromethane	3.922	4.044	-3.1	126	0.00
56	C	1,2-dibromoethane	4.119	3.908	5.1	116	0.00
57	C	tetrachloroethene	3.549	3.134	11.7	109	0.00
58		1,1,1,2-tetrachloroethane	3.104	2.578	16.9	96	0.00
59	C	chlorobenzene	6.327	5.715	9.7	109	0.00
60	C	ethylbenzene	9.752	8.849	9.3	107	0.00
61	C	m+p-xylene	7.703	7.238	6.0	112	0.00
62	C	bromoform	3.421	3.595	-5.1	126	0.00
63	C	styrene	5.502	5.280	4.0	107	0.00
64	C	1,1,2,2-tetrachloroethane	5.941	5.518	7.1	112	0.00
65	C	o-xylene	7.536	6.908	8.3	110	0.00
66		1,2,3-Trichloropropane	4.396	3.886	11.6	104	0.00
68	C	isopropylbenzene	10.466	9.615	8.1	101	0.00
69		Bromobenzene	7.104	6.108	14.0	102	0.00
70		4-ethyl toluene	9.808	10.019	-2.2	118	0.00
71		1,3,5-trimethylbenzene	8.257	7.873	4.7	112	0.00
72		tert-butylbenzene	8.989	8.425	6.3	102	0.00
73		1,2,4-trimethylbenzene	8.564	8.311	3.0	111	0.00
74	C	Benzyl Chloride	6.747	5.612	16.8	93	0.00
75		1,3-dichlorobenzene	6.499	5.839	10.2	104	0.00
76	C	1,4-dichlorobenzene	6.837	5.954	12.9	106	0.00
77		sec-butylbenzene	12.481	11.739	5.9	99	0.00
78		p-isopropyltoluene	11.211	10.823	3.5	103	0.00
79		1,2-dichlorobenzene	6.519	5.617	13.8	103	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	10.197	10.201	-0.0	103	0.00
81	1,2-dibromo-3-chloropropane	2.864	2.342	18.2	93	0.00
82 C	1,2,4-trichlorobenzene	6.043	4.923	18.5	93	0.00
83	naphthalene	14.888	10.614	28.7	76	0.00
84	1,2,3-trichlorobenzene	5.999	4.624	22.9	75	0.00
85 C	hexachlorobutadiene	3.917	3.600	8.1	100	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	3.433	49	234099	10.000	ppbV	#	0.00
Standard Area = 234099			Recovery = 100.00%				
33) 1,4-difluorobenzene	4.324	114	740785	10.000	ppbV	#	0.00
Standard Area = 740785			Recovery = 100.00%				
51) chlorobenzene-D5	6.439	54	104350	10.000	ppbV	#	0.00
Standard Area = 104350			Recovery = 100.00%				
System Monitoring Compounds							
Target Compounds							Qvalue
2) propylene	1.938	41	79172	5.076	ppbV		98
3) dichlorodifluoromethane	1.960	85	253565	5.238	ppbV		100
4) chloromethane	2.004	50	90704M4	5.409	ppbV		
5) Freon-114	2.032	85	281736	5.253	ppbV		98
6) vinyl chloride	2.065	62	110698	5.285	ppbV		100
7) 1,3-butadiene	2.103	54	75080	5.563	ppbV		93
8) bromomethane	2.180	94	106461	5.322	ppbV		100
9) chloroethane	2.230	64	59390	5.227	ppbV		98
10) ethanol	2.263	31	198063	24.273	ppbV		99
11) vinyl bromide	2.335	106	100023	5.171	ppbV		100
12) acrolein	2.363	56	38346	4.073	ppbV		98
13) acetone	2.403	43	613022	29.700	ppbV		99
14) trichlorofluoromethane	2.460	101	230909	5.071	ppbV		100
15) isopropyl alcohol	2.471	45	334037	13.045	ppbV		100
16) acrylonitrile	2.533	53	70054	4.713	ppbV		99
17) 1,1-dichloroethene	2.634	61	149328	5.266	ppbV		97
18) tertiary butyl alcohol	2.643	59	164196	4.805	ppbV		95
19) methylene chloride	2.667	49	108505	5.925	ppbV		92
20) 3-chloropropene	2.705	41	93559	5.623	ppbV	#	1
21) carbon disulfide	2.758	76	273326	5.429	ppbV	#	89
22) Freon 113	2.758	101	206665	5.019	ppbV		97
23) trans-1,2-dichloroethene	2.975	61	130526	5.256	ppbV		96
24) 1,1-dichloroethane	3.046	63	170208	5.070	ppbV		100
25) MTBE	3.077	73	241016	5.022	ppbV	#	85
26) vinyl acetate	3.113	43	125978M4	3.867	ppbV		
27) 2-butanone	3.201	43	207749	5.422	ppbV		95
28) cis-1,2-dichloroethene	3.366	61	125369	4.496	ppbV		98
29) Ethyl Acetate	3.486	61	31074M6	4.176	ppbV		
30) chloroform	3.493	83	199408	4.652	ppbV	#	100

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Tetrahydrofuran	3.662	42	93037	5.883	ppbV	#	1
32) 1,2-dichloroethane	3.809	62	111580	4.533	ppbV		99
34) hexane	3.478	57	146125	5.058	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	187516	4.777	ppbV	#	11
37) benzene	4.126	78	316145	4.868	ppbV	#	100
38) carbon tetrachloride	4.201	117	185500	4.962	ppbV	#	40
39) cyclohexane	4.258	56	141712	5.151	ppbV	#	1
40) Dibromomethane	4.503	93	109571	4.368	ppbV	#	100
41) 1,2-dichloropropane	4.522	63	114715	4.866	ppbV	#	1
42) bromodichloromethane	4.616	83	213277	5.269	ppbV	#	100
43) 1,4-dioxane	4.654	88	69736	5.409	ppbV	#	1
44) trichloroethene	4.644	130	139123	4.493	ppbV	#	50
45) 2,2,4-trimethylpentane	4.682	57	460750	5.594	ppbV	#	60
46) heptane	4.823	43	149105	5.401	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	188851	5.667	ppbV	#	100
48) 4-methyl-2-pentanone	5.116	43	197688M3	5.401	ppbV		
49) trans-1,3-dichloropropene	5.356	75	141823	5.600	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	134928	4.740	ppbV	#	1
52) toluene	5.563	91	379926	4.780	ppbV		99
54) 2-hexanone	5.731	43	181100	4.999	ppbV	#	89
55) dibromochloromethane	5.763	129	210995	5.155	ppbV		100
56) 1,2-dibromoethane	5.883	107	203888	4.744	ppbV		99
57) tetrachloroethene	6.130	166	163509	4.415	ppbV		98
58) 1,1,1,2-tetrachloroethane	6.455	131	134512	4.153	ppbV	#	100
59) chlorobenzene	6.461	112	298176	4.517	ppbV		99
60) ethylbenzene	6.663	91	461688	4.537	ppbV		99
61) m+p-xylene	6.756	91	755279	9.397	ppbV		99
62) bromoform	6.756	173	187592	5.255	ppbV		100
63) styrene	6.934	104	275469	4.798	ppbV		99
64) 1,1,2,2-tetrachloroethane	6.975	83	287908	4.644	ppbV		100
65) o-xylene	6.981	91	360401	4.583	ppbV		99
66) 1,2,3-Trichloropropane	7.039	75	202727	4.420	ppbV		99
68) isopropylbenzene	7.289	105	501687	4.594	ppbV		99
69) Bromobenzene	7.301	77	318695	4.299	ppbV		97
70) 4-ethyl toluene	7.635	105	522732M4	5.107	ppbV		
71) 1,3,5-trimethylbenzene	7.675	105	410797	4.768	ppbV		98
72) tert-butylbenzene	7.890	119	439577	4.686	ppbV		99
73) 1,2,4-trimethylbenzene	7.890	105	433604	4.852	ppbV		95
74) Benzyl Chloride	7.954	91	292807	4.159	ppbV		96
75) 1,3-dichlorobenzene	7.954	146	304662M3	4.492	ppbV		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

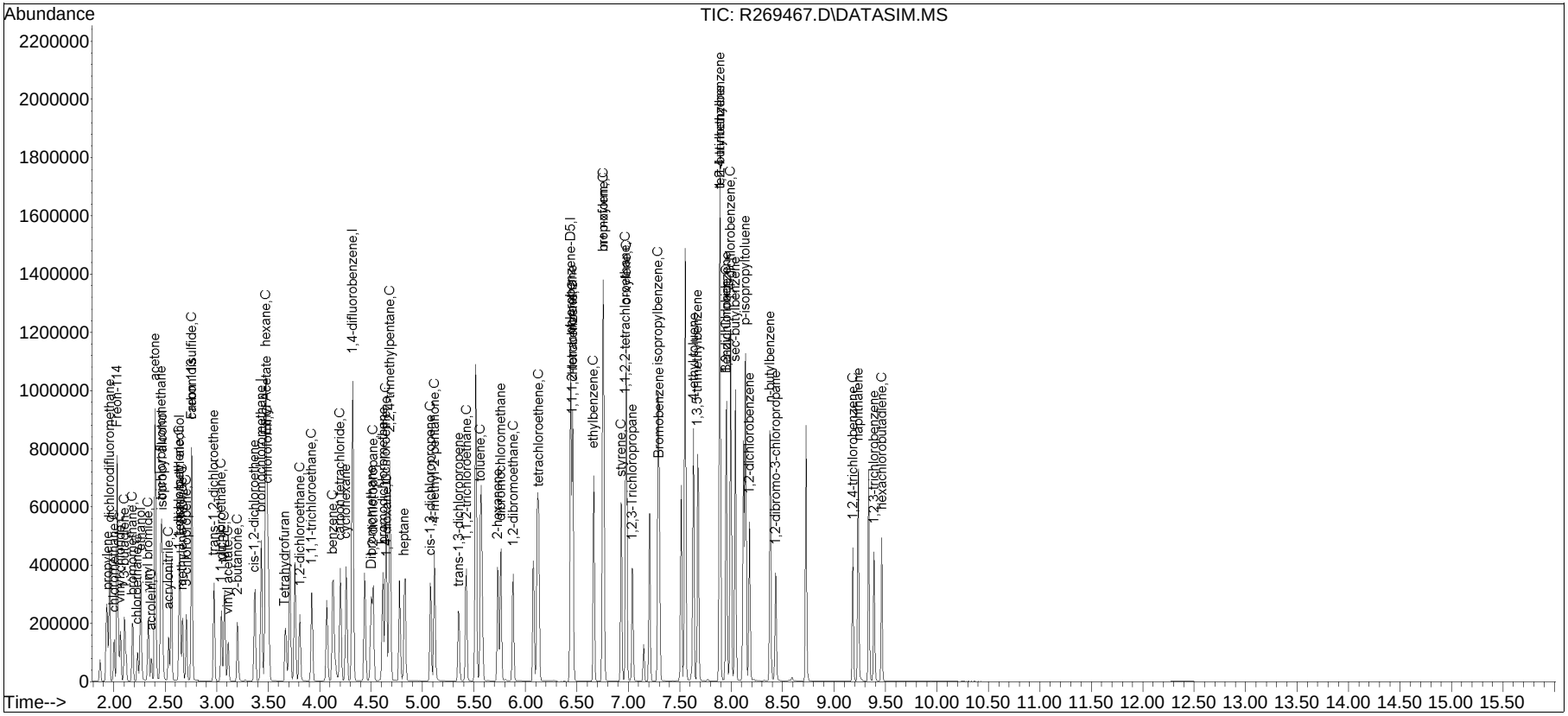
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,4-dichlorobenzene	7.994	146	310663M3	4.355	ppbV		
77) sec-butylbenzene	8.042	105	612494	4.703	ppbV		99
78) p-isopropyltoluene	8.138	119	564687	4.827	ppbV		100
79) 1,2-dichlorobenzene	8.178	146	293082	4.308	ppbV		99
80) n-butylbenzene	8.377	91	532254	5.002	ppbV		100
81) 1,2-dibromo-3-chloropr...	8.433	75	122213	4.089	ppbV		96
82) 1,2,4-trichlorobenzene	9.183	180	256840	4.073	ppbV		99
83) naphthalene	9.236	128	553781	3.564	ppbV	#	95
84) 1,2,3-trichlorobenzene	9.388	180	241259	3.854	ppbV		99
85) hexachlorobutadiene	9.464	225	187846	4.596	ppbV		97

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

Sub List : Default-LCS-AP2 - All compounds listedM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-2,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

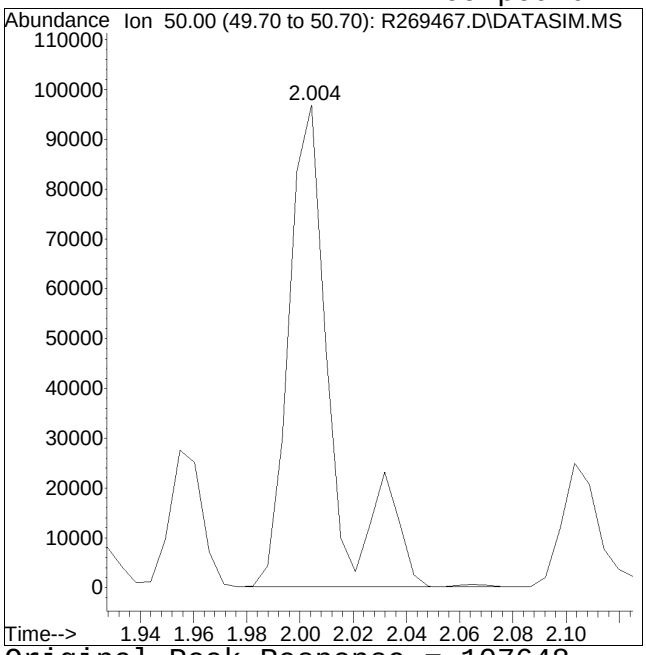
Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration



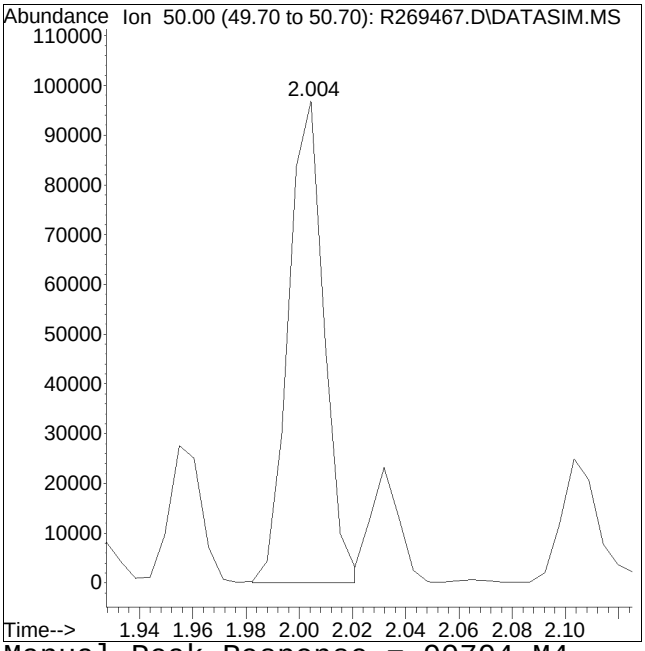
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-2,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #4: chloromethane



Original Peak Response = 107648



Manual Peak Response = 90704 M4

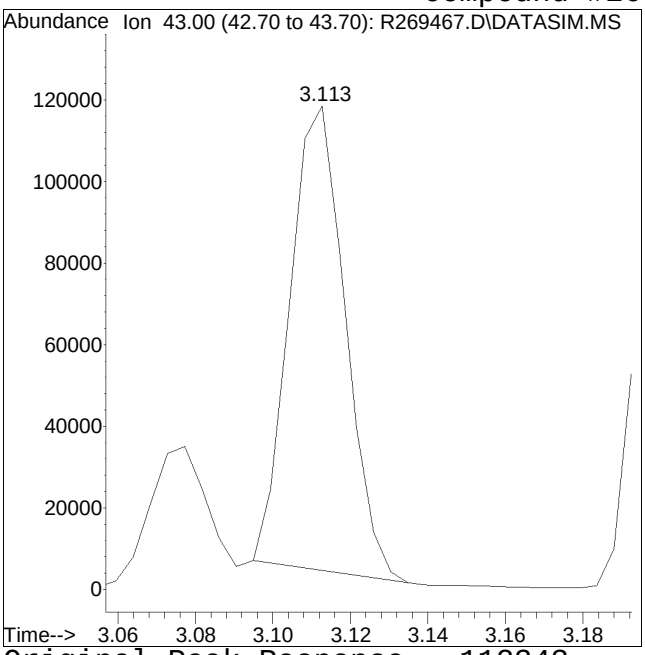
M4 = Poor automated baseline construction.

Manual Integration Report

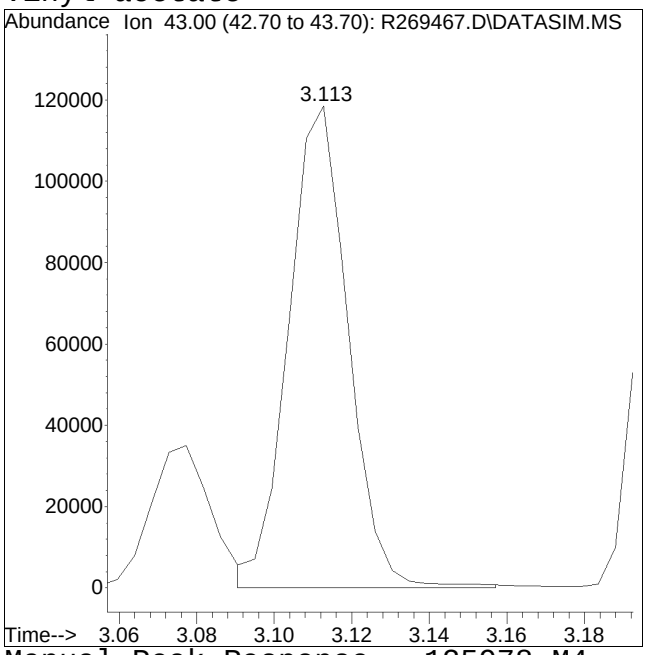
Data Path : X:\Airlab\Data\Airlab26\20Q
Data File : R269467.D
Date Inj'd : 3/28/2026 3:30 pm
Sample : WG2190907-2,3,250,250

Method : TSIM26_260107.M
Operator : AIRLAB26:SL
Instrument : Airlab26
Quant Date : 3/28/2026 4:02 pm

Compound #26: vinyl acetate



Original Peak Response = 112343



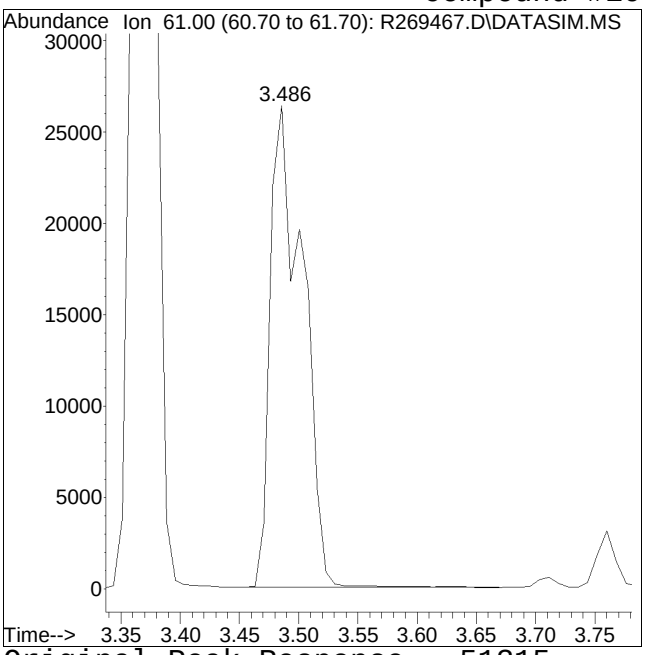
Manual Peak Response = 125978 M4

M4 = Poor automated baseline construction.

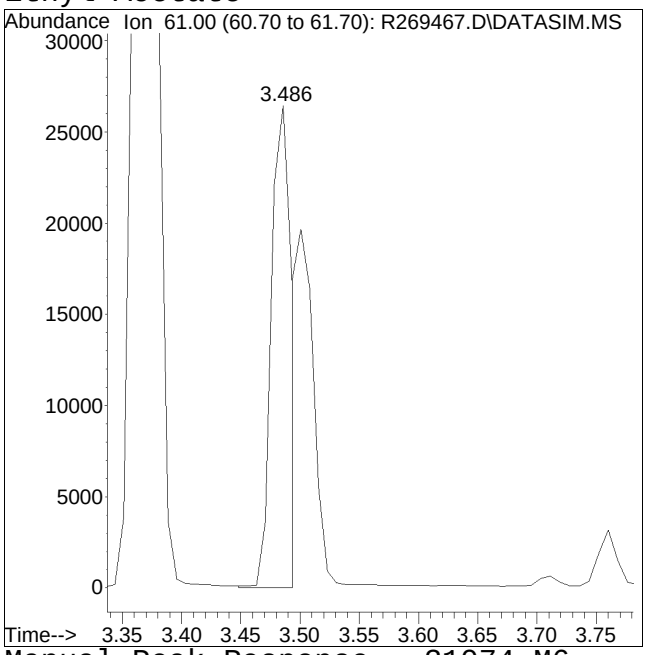
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-2,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #29: Ethyl Acetate



Original Peak Response = 51315



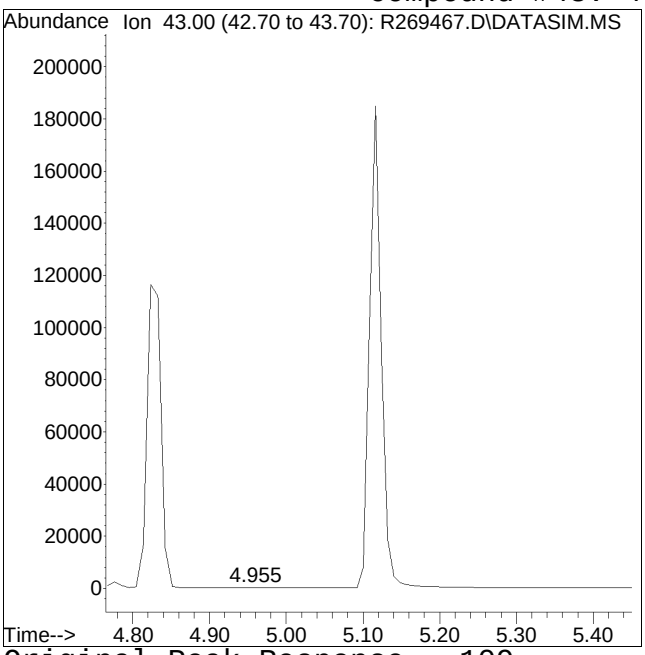
Manual Peak Response = 31074 M6

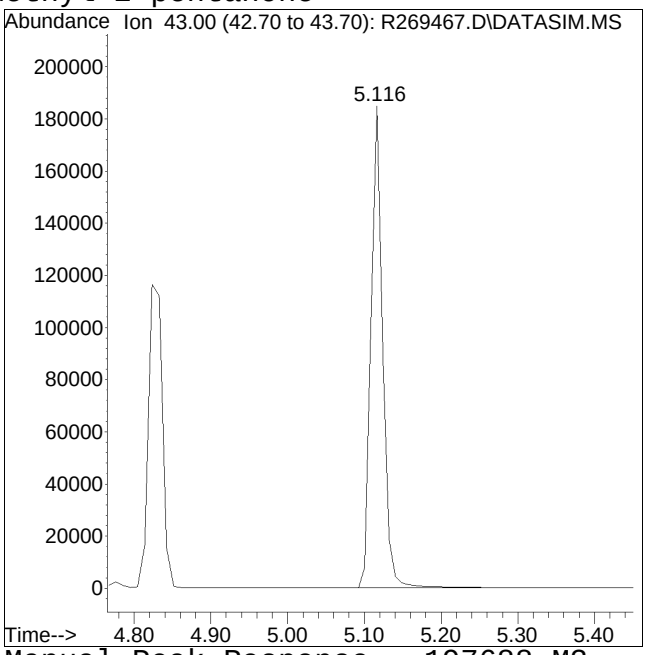
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-2,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #48: 4-methyl-2-pentanone





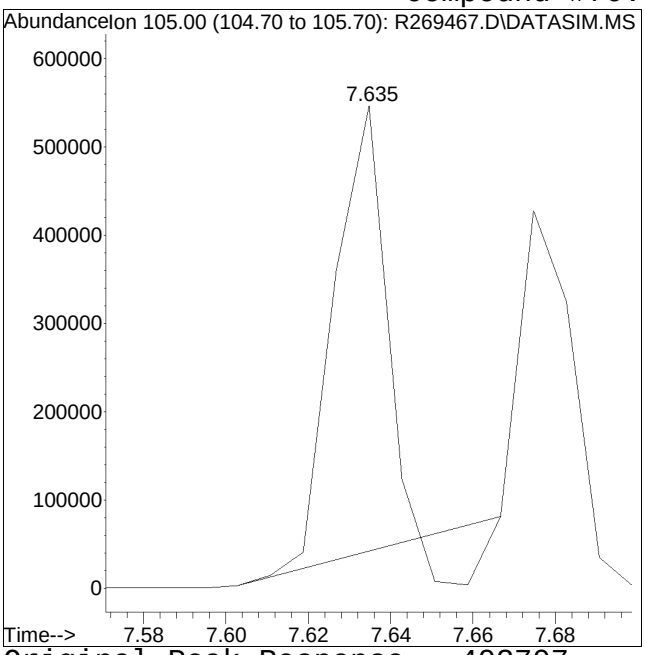
Original Peak Response = 109 Manual Peak Response = 197688 M3

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.

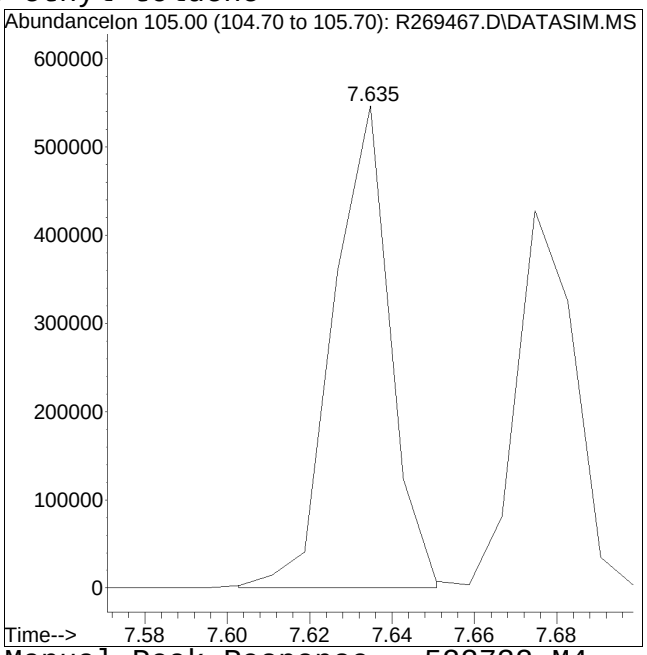
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-2,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #70: 4-ethyl toluene



Original Peak Response = 403707



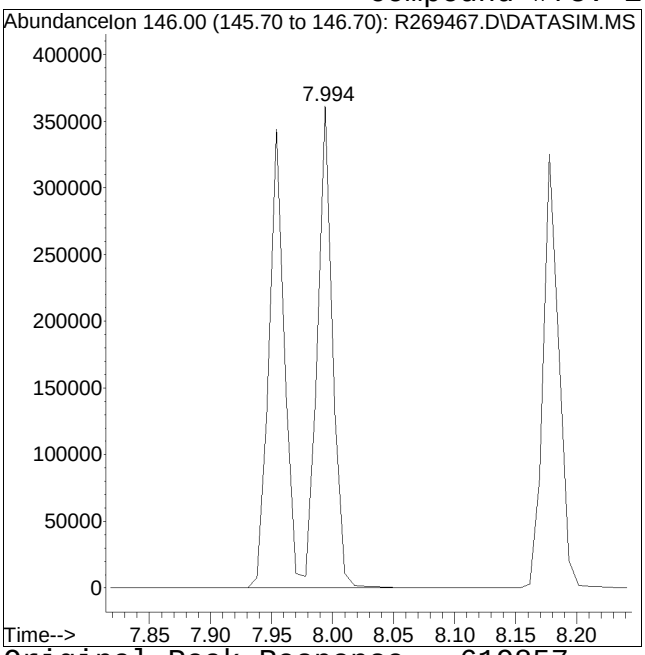
Manual Peak Response = 522732 M4

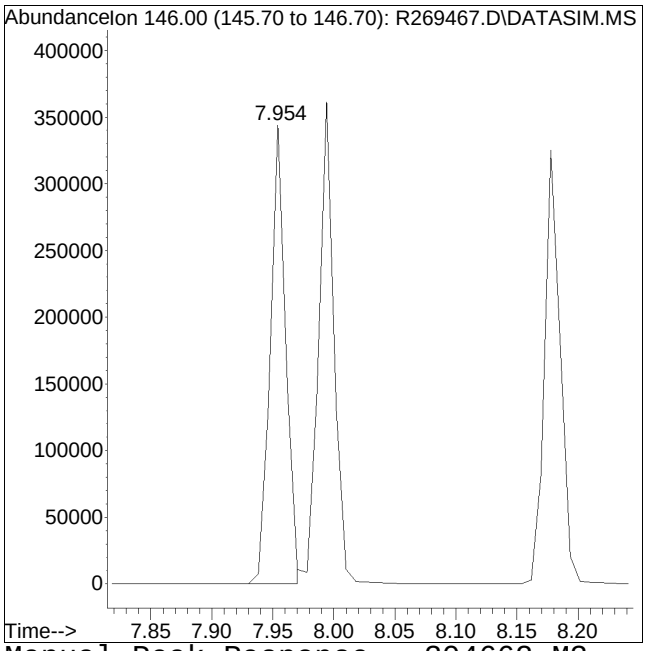
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-2,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #75: 1,3-dichlorobenzene





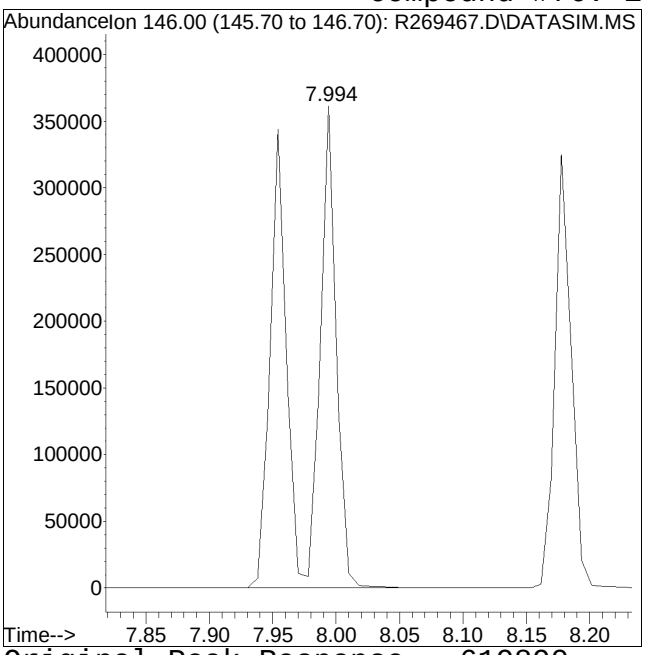
Original Peak Response = 619857 Manual Peak Response = 304662 M3

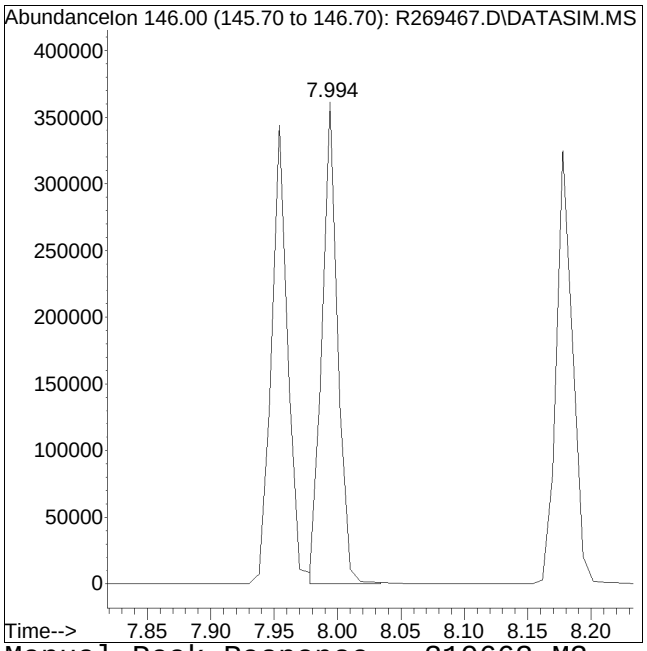
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-2,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #76: 1,4-dichlorobenzene





Original Peak Response = 619890 Manual Peak Response = 310663 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.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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	101	-0.08
3		propylene	0.652	0.640	1.8	118	-0.05
4		dichlorodifluoromethane	1.233	1.223	0.8	100	-0.05
5	C	chloromethane	0.534	0.515	3.6	99	-0.05
6		Freon-114	1.307	1.324	-1.3	104	-0.05
7	C	vinyl chloride	0.650	0.685	-5.4	113	-0.06
8	C	1,3-butadiene	0.470	0.519	-10.4	121	-0.05
9	C	bromomethane	0.522	0.594	-13.8	123	-0.06
10	C	chloroethane	0.304	0.322	-5.9	114	-0.06
11		ethanol	0.441	0.431	2.3	120	-0.07
12	C	vinyl bromide	0.459	0.500	-8.9	124	-0.06
13	C	acrolein	0.293	0.250	14.7	93	-0.06
14		acetone	0.667	0.676	-1.3	88	-0.06
15		trichlorofluoromethane	1.018	0.991	2.7	92	-0.07
16		isopropyl alcohol	0.881	0.745	15.4	79	-0.06
17	C	acrylonitrile	0.547	0.487	11.0	81	-0.07
18	C	1,1-dichloroethene	0.966	1.030	-6.6	110	-0.07
19		tertiary butyl alcohol	1.259	1.177	6.5	102	-0.07
20	C	methylene chloride	0.856	0.904	-5.6	109	-0.07
21	C	3-chloropropene	0.855	0.972	-13.7	122	-0.07
22	C	carbon disulfide	1.658	1.814	-9.4	116	-0.07
23		Freon 113	1.230	1.248	-1.5	108	-0.07
24		trans-1,2-dichloroethene	0.881	0.981	-11.4	121	-0.07
25	C	1,1-dichloroethane	1.218	1.235	-1.4	106	-0.07
26	C	MTBE	1.407	1.655	-17.6	125	-0.07
27	C	vinyl acetate	1.220	0.850	30.3#	86	-0.07
28	C	2-butanone	1.379	1.460	-5.9	111	-0.07
29		cis-1,2-dichloroethene	0.928	0.971	-4.6	107	-0.07
30		Ethyl Acetate	0.230	0.260	-13.0	123	-0.07
31	C	chloroform	1.290	1.317	-2.1	107	-0.07
32		Tetrahydrofuran	0.709	0.869	-22.6	132	-0.07
33	C	1,2-dichloroethane	0.768	0.786	-2.3	108	-0.07
34	I	1,4-difluorobenzene	1.000	1.000	0.0	100	-0.07
35	C	hexane	0.472	0.524	-11.0	117	-0.08
37	C	1,1,1-trichloroethane	0.409	0.410	-0.2	100	-0.08
38	C	benzene	0.969	0.991	-2.3	106	-0.07
39	C	carbon tetrachloride	0.360	0.391	-8.6	107	-0.07
40		cyclohexane	0.505	0.569	-12.7	120	-0.07

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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		Dibromomethane	0.294	0.279	5.1	101	-0.07
42	C	1,2-dichloropropane	0.339	0.343	-1.2	107	-0.07
43		bromodichloromethane	0.445	0.514	-15.5	121	-0.07
44	C	1,4-dioxane	0.188	0.224	-19.1	125	-0.07
45	C	trichloroethene	0.387	0.399	-3.1	104	-0.07
46	C	2,2,4-trimethylpentane	1.519	1.780	-17.2	124	-0.08
47		heptane	0.532	0.624	-17.3	121	-0.07
48	C	cis-1,3-dichloropropene	0.381	0.507	-33.1#	128	-0.07
49	C	4-methyl-2-pentanone	0.600	0.715	-19.2	121	-0.07
50		trans-1,3-dichloropropene	0.260	0.362	-39.2#	133	-0.08
51	C	1,1,2-trichloroethane	0.345	0.353	-2.3	105	-0.07
52	I	chlorobenzene-D5	1.000	1.000	0.0	94	-0.05
53	C	toluene	6.071	6.681	-10.0	106	-0.07
55		2-hexanone	3.041	3.801	-25.0	118	-0.06
56		dibromochloromethane	2.301	2.819	-22.5	117	-0.06
57	C	1,2-dibromoethane	2.695	3.184	-18.1	111	-0.06
58	C	tetrachloroethene	2.390	2.530	-5.9	103	-0.05
59		1,1,1,2-tetrachloroethane	2.037	2.029	0.4	96	-0.06
60	C	chlorobenzene	5.044	5.386	-6.8	104	-0.05
61	C	ethylbenzene	7.596	8.551	-12.6	104	-0.05
62	C	m+p-xylene	6.075	6.989	-15.0	104	-0.06
63	C	bromoform	1.744	2.069	-18.6	111	-0.05
64	C	styrene	4.512	5.468	-21.2	105	-0.06
65	C	1,1,2,2-tetrachloroethane	4.522	5.148	-13.8	107	-0.05
66	C	o-xylene	6.068	6.991	-15.2	103	-0.05
67		1,2,3-Trichloropropane	3.413	3.683	-7.9	102	-0.05
69	C	isopropylbenzene	8.312	8.513	-2.4	98	-0.05
70		Bromobenzene	4.512	4.774	-5.8	98	-0.05
71		4-ethyl toluene	7.177	9.297	-29.5	116	-0.05
72		1,3,5-trimethylbenzene	6.749	8.169	-21.0	109	-0.04
73		tert-butylbenzene	7.230	7.799	-7.9	100	-0.04
74		1,2,4-trimethylbenzene	6.663	8.438	-26.6	110	-0.04
75	C	Benzyl Chloride	4.237	4.328	-2.1	99	-0.04
76		1,3-dichlorobenzene	4.618	5.516	-19.4	103	-0.03
77	C	1,4-dichlorobenzene	4.647	5.509	-18.5	105	-0.03
78		sec-butylbenzene	10.474	10.844	-3.5	97	-0.04
80		p-isopropyltoluene	8.383	8.793	-4.9	90	-0.03
81		1,2-dichlorobenzene	4.533	5.225	-15.3	104	-0.02

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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)
82	n-butylbenzene	7.995	8.759	-9.6	101	-0.02
83	1,2-dibromo-3-chloropropane	1.607	1.853	-15.3	94	0.00
84 C	1,2,4-trichlorobenzene	2.836	3.873	-36.6#	115	0.02
85	naphthalene	8.668	10.302	-18.9	102	0.02
86	1,2,3-trichlorobenzene	2.850	3.258	-14.3	103	0.02
87 C	hexachlorobutadiene	2.636	3.243	-23.0	112	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 3

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	9.192	49	378066	10.000	ppbV		-0.08
Standard Area = 378066			Recovery = 100.00%				
34) 1,4-difluorobenzene	11.430	114	967593	10.000	ppbV		-0.07
Standard Area = 967593			Recovery = 100.00%				
52) chlorobenzene-D5	16.108	54	162492	10.000	ppbV		-0.05
Standard Area = 162492			Recovery = 100.00%				
System Monitoring Compounds							
Target Compounds							Qvalue
3) propylene	4.012	41	121054M6	4.909	ppbV		
4) dichlorodifluoromethane	4.090	85	231268	4.963	ppbV		99
5) chloromethane	4.252	50	97312	4.823	ppbV		100
6) Freon-114	4.360	85	250289	5.065	ppbV		97
7) vinyl chloride	4.480	62	129448	5.265	ppbV		100
8) 1,3-butadiene	4.630	54	98194	5.531	ppbV		99
9) bromomethane	4.912	94	112368	5.695	ppbV		100
10) chloroethane	5.104	64	60860	5.292	ppbV		97
11) ethanol	5.230	31	407516	24.459	ppbV		100
12) vinyl bromide	5.483	106	94518	5.451	ppbV		98
13) acrolein	5.610	56	47249	4.266	ppbV		94
14) acetone	5.750	43	639294	25.354	ppbV	#	85
15) trichlorofluoromethane	5.940	101	187315	4.867	ppbV		97
16) isopropyl alcohol	6.030	45	352070	10.569	ppbV	#	96
17) acrylonitrile	6.267	53	92100	4.451	ppbV		95
18) 1,1-dichloroethene	6.642	61	194655	5.331	ppbV		100
19) tertiary butyl alcohol	6.690	59	222473	4.673	ppbV		98
20) methylene chloride	6.780	49	170875	5.282	ppbV		97
21) 3-chloropropene	6.912	41	183786	5.685	ppbV		99
22) carbon disulfide	7.086	76	342845	5.468	ppbV		100
23) Freon 113	7.086	101	235850	5.073	ppbV		98
24) trans-1,2-dichloroethene	7.833	61	185413	5.564	ppbV		97
25) 1,1-dichloroethane	8.058	63	233486	5.070	ppbV		99
26) MTBE	8.125	73	312879	5.883	ppbV		99
27) vinyl acetate	8.242	43	160772	3.486	ppbV		100
28) 2-butanone	8.500	43	275952	5.291	ppbV		100
29) cis-1,2-dichloroethene	9.008	61	183460	5.231	ppbV		99
30) Ethyl Acetate	9.275	61	49090	5.639	ppbV		76
31) chloroform	9.350	83	248889	5.104	ppbV		99

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) Tetrahydrofuran	9.783	42	164189	6.127	ppbV		96
33) 1,2-dichloroethane	10.183	62	148597	5.118	ppbV		99
35) hexane	9.258	57	253685	5.556	ppbV		81
37) 1,1,1-trichloroethane	10.475	97	198254	5.008	ppbV		98
38) benzene	11.003	78	479547	5.113	ppbV		99
39) carbon tetrachloride	11.177	117	189198	5.428	ppbV		98
40) cyclohexane	11.323	56	275123	5.629	ppbV		99
41) Dibromomethane	11.917	93	135144M3	4.744	ppbV		
42) 1,2-dichloropropane	11.950	63	166172	5.065	ppbV		100
43) bromodichloromethane	12.177	83	248570	5.777	ppbV		98
44) 1,4-dioxane	12.217	88	108446	5.969	ppbV		99
45) trichloroethene	12.230	130	193126	5.160	ppbV		99
46) 2,2,4-trimethylpentane	12.270	57	860992	5.858	ppbV		98
47) heptane	12.590	43	301997	5.867	ppbV		98
48) cis-1,3-dichloropropene	13.242	75	245448	6.658	ppbV		99
49) 4-methyl-2-pentanone	13.275	43	345903	5.960	ppbV		100
50) trans-1,3-dichloropropene	13.858	75	174984	6.948	ppbV		97
51) 1,1,2-trichloroethane	14.058	97	170844	5.115	ppbV		98
53) toluene	14.358	91	542811	5.502	ppbV		99
55) 2-hexanone	14.633	43	308814	6.250	ppbV	#	92
56) dibromochloromethane	14.800	129	229036	6.126	ppbV		100
57) 1,2-dibromoethane	15.050	107	258651	5.907	ppbV		97
58) tetrachloroethene	15.508	166	205567	5.294	ppbV		99
59) 1,1,1,2-tetrachloroethane	16.133	131	164876	4.981	ppbV		98
60) chlorobenzene	16.150	112	437553	5.339	ppbV		97
61) ethylbenzene	16.500	91	694734	5.629	ppbV		98
62) m+p-xylene	16.658	91	1135625	11.504	ppbV		100
63) bromoform	16.733	173	168138	5.933	ppbV		99
64) styrene	16.983	104	444229	6.059	ppbV		96
65) 1,1,2,2-tetrachloroethane	17.075	83	418291	5.693	ppbV		99
66) o-xylene	17.083	91	567962	5.760	ppbV		99
67) 1,2,3-Trichloropropane	17.192	75	299250	5.395	ppbV		99
69) isopropylbenzene	17.592	105	691622	5.121	ppbV		99
70) Bromobenzene	17.667	77	387885	5.291	ppbV		99
71) 4-ethyl toluene	18.150	105	755350	6.477	ppbV		99
72) 1,3,5-trimethylbenzene	18.217	105	663730	6.052	ppbV		99
73) tert-butylbenzene	18.558	119	633610	5.393	ppbV		99
74) 1,2,4-trimethylbenzene	18.558	105	685581	6.332	ppbV		94
75) Benzyl Chloride	18.683	91	351598	5.107	ppbV		98
76) 1,3-dichlorobenzene	18.700	146	448185M3	5.972	ppbV		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

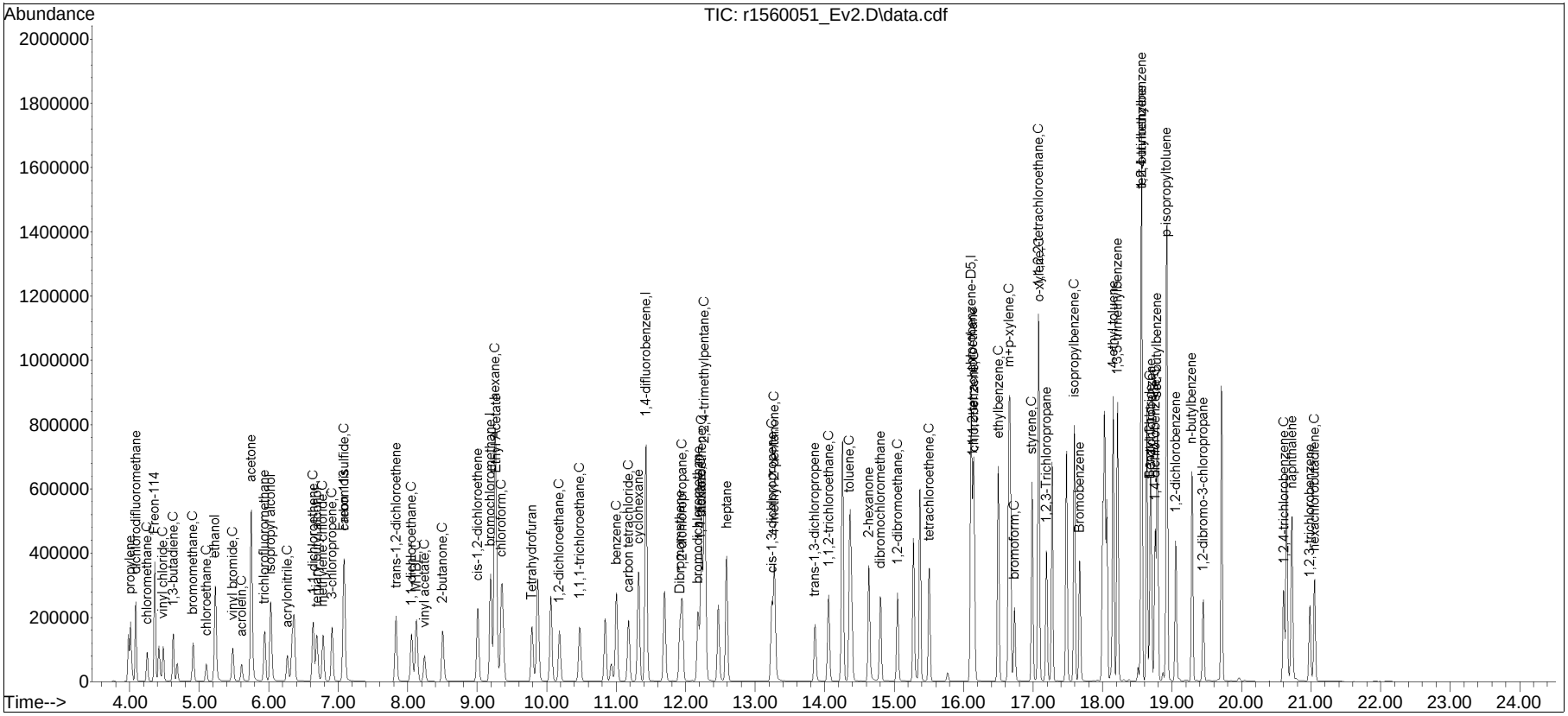
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,4-dichlorobenzene	18.758	146	447591	5.928	ppbV	97
78) sec-butylbenzene	18.783	105	881017	5.177	ppbV	96
80) p-isopropyltoluene	18.917	119	714414	5.245	ppbV	99
81) 1,2-dichlorobenzene	19.050	146	424513	5.763	ppbV	99
82) n-butylbenzene	19.283	91	711671	5.478	ppbV	96
83) 1,2-dibromo-3-chloropr...	19.450	75	150584	5.767	ppbV	95
84) 1,2,4-trichlorobenzene	20.608	180	314692	6.829	ppbV	99
85) naphthalene	20.725	128	836971	5.943	ppbV	100
86) 1,2,3-trichlorobenzene	20.983	180	264719	5.715	ppbV	99
87) hexachlorobutadiene	21.050	225	263454	6.151	ppbV	98

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

Sub List : Default-LCS-AP2 - All compounds listedM\r1560051_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-2,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

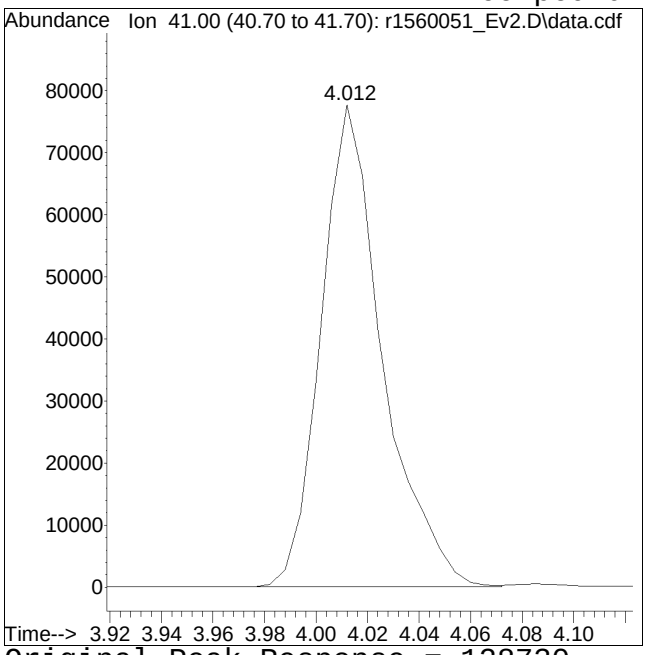


Manual Integration Report

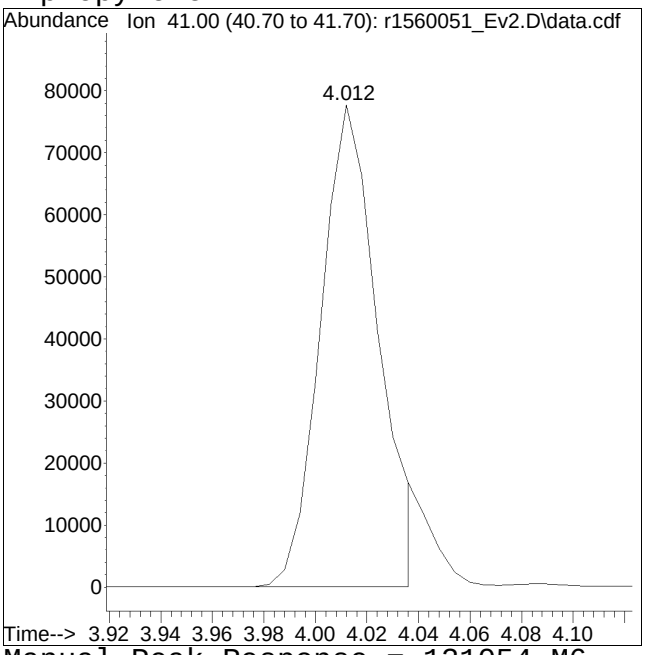
Data Path : X:\Airlab\Data\Airlab15\20Q
Data File : r1560051_Ev2.D
Date Inj'd : 3/29/2026 11:10 AM
Sample : WG2191136-2,3,250,250

Method : TSIM15_260320.M
Operator : AIRLAB15:TPH
Instrument :
Quant Date : 3/29/2026 12:08 pm

Compound #3: propylene



Original Peak Response = 128730



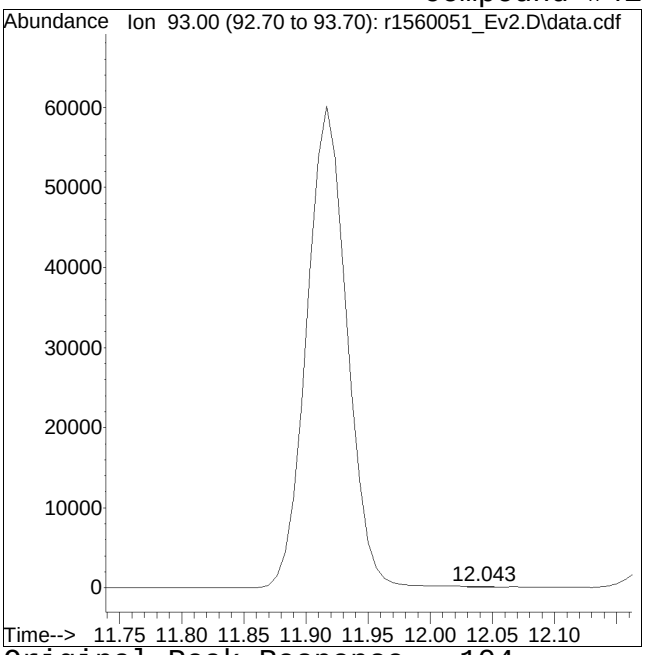
Manual Peak Response = 121054 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

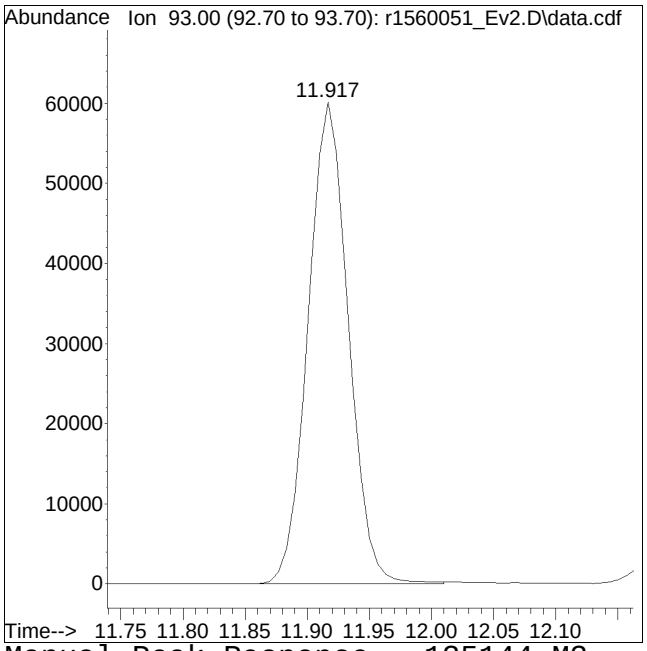
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1560051_Ev2.D Operator : AIRLAB15:TPH
Date Inj'd : 3/29/2026 11:10 AM Instrument :
Sample : WG2191136-2,3,250,250 Quant Date : 3/29/2026 12:08 pm

Compound #41: Dibromomethane



Original Peak Response = 104



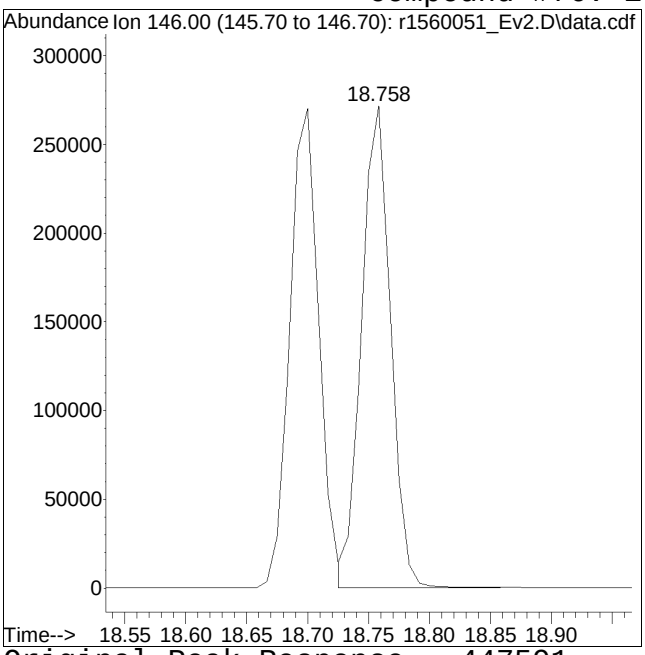
Manual Peak Response = 135144 M3

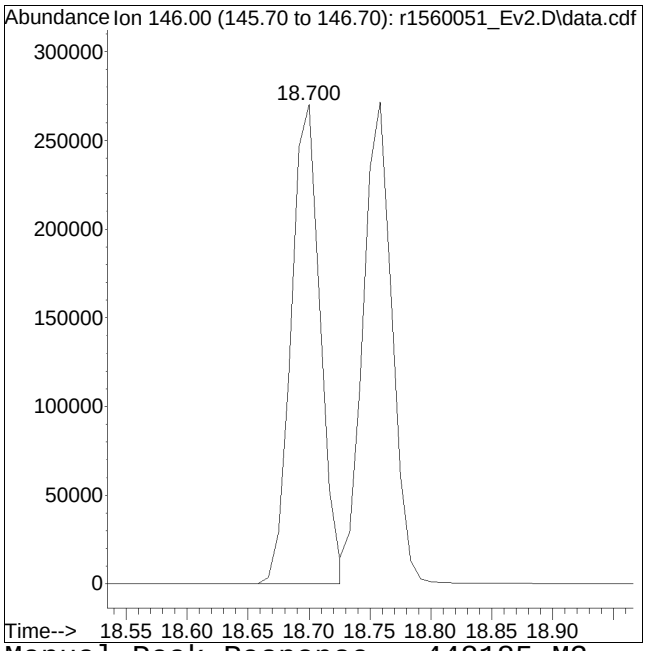
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1560051_Ev2.D Operator : AIRLAB15:TPH
Date Inj'd : 3/29/2026 11:10 AM Instrument :
Sample : WG2191136-2,3,250,250 Quant Date : 3/29/2026 12:08 pm

Compound #76: 1,3-dichlorobenzene





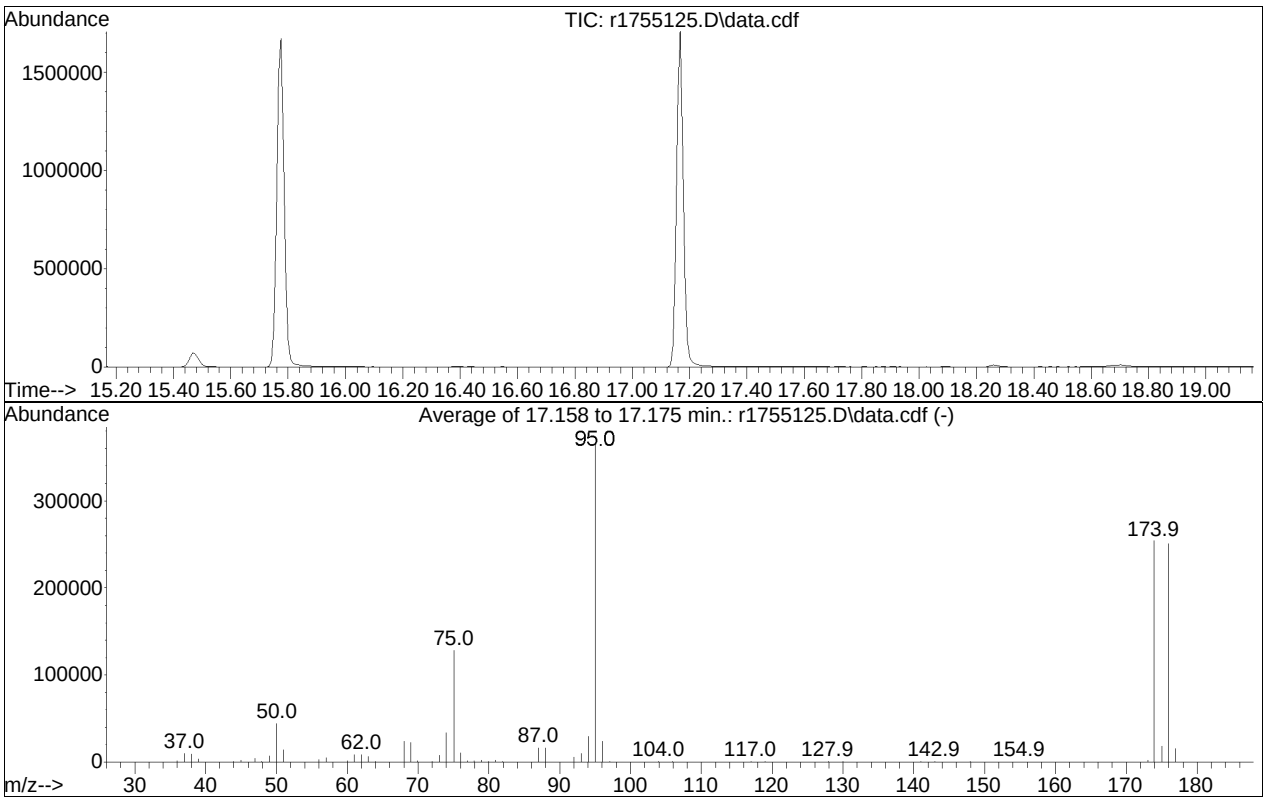
Original Peak Response = 447591 Manual Peak Response = 448185 M3

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.

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755125.D
Acq On : 27 Mar 2026 12:29 PM
Operator : AIRLAB17:SL
Sample : WG2190695-1,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Thu Mar 05 19:54:50 2026



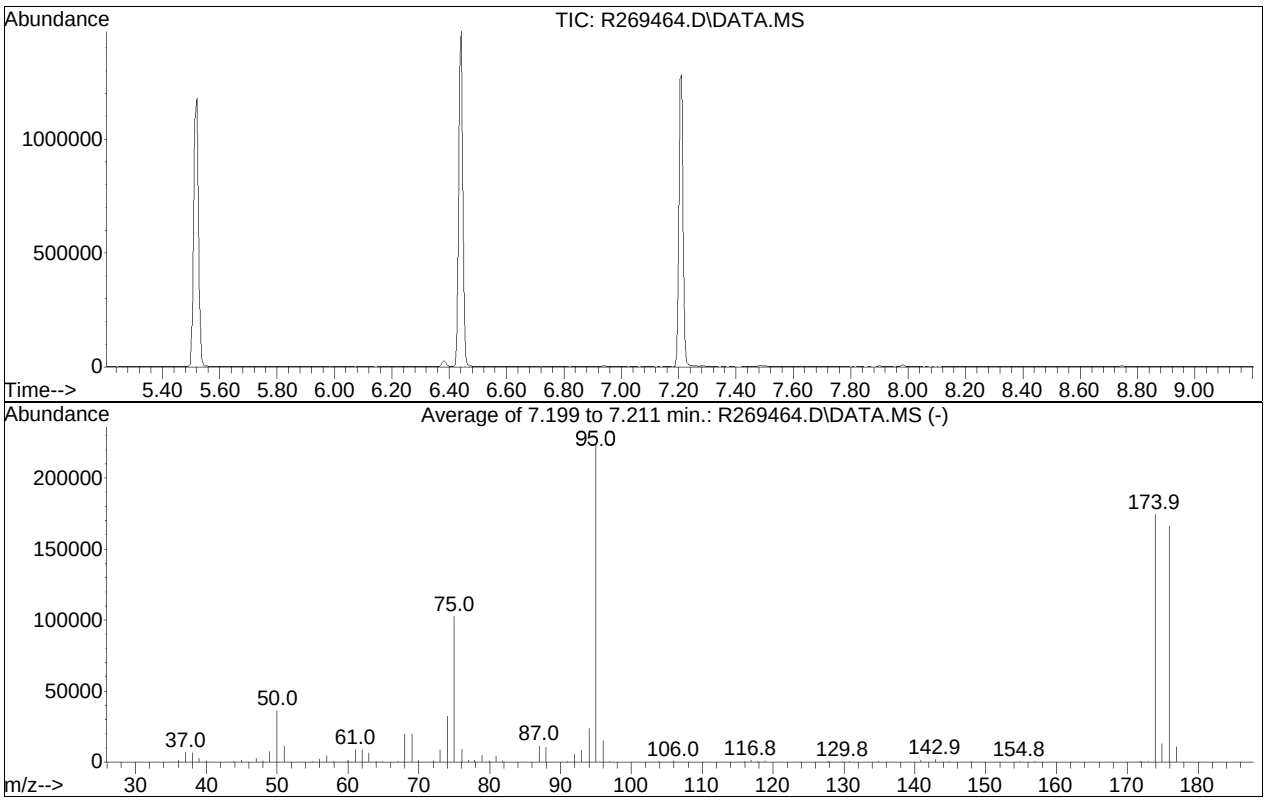
Spectrum Information: Average of 17.158 to 17.175 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	12.2	44579	PASS
75	95	30	66	34.9	128208	PASS
95	95	100	100	100.0	366852	PASS
96	95	5	9	6.5	23965	PASS
173	174	0.00	2	0.7	1825	PASS
174	95	50	120	69.4	254521	PASS
175	174	4	9	7.1	18198	PASS
176	174	93	101	98.6	250867	PASS
177	176	5	9	6.3	15873	PASS

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269464.D
Acq On : 28 Mar 2026 12:08 pm
Operator : AIRLAB26:SL
Sample : WG2190907-1,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Fri Jan 09 09:08:03 2026



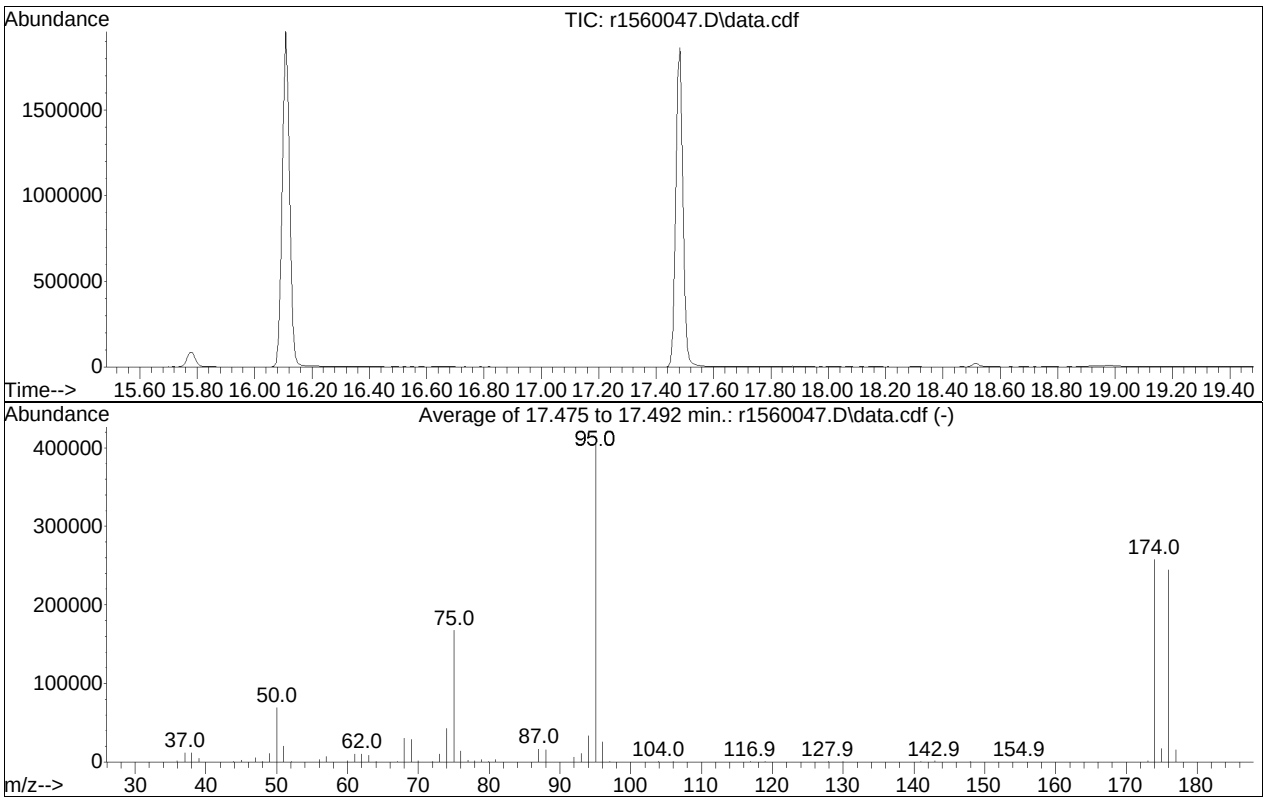
Spectrum Information: Average of 7.199 to 7.211 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.2	36419	PASS
75	95	30	66	45.7	102685	PASS
95	95	100	100	100.0	224923	PASS
96	95	5	9	6.6	14899	PASS
173	174	0.00	2	0.3	512	PASS
174	95	50	120	77.7	174664	PASS
175	174	4	9	7.4	12926	PASS
176	174	93	101	95.2	166219	PASS
177	176	5	9	6.5	10802	PASS

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560047.D
Acq On : 29 Mar 2026 8:29 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-1,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Mon Mar 23 14:34:08 2026



Spectrum Information: Average of 17.475 to 17.492 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.0	69227	PASS
75	95	30	66	41.3	167853	PASS
95	95	100	100	100.0	406479	PASS
96	95	5	9	6.5	26341	PASS
173	174	0.00	2	0.5	1379	PASS
174	95	50	120	63.4	257657	PASS
175	174	4	9	6.7	17318	PASS
176	174	93	101	95.1	245007	PASS
177	176	5	9	6.4	15786	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755130_Ev2.D
Acq On : 27 Mar 2026 11:03 PM
Operator : AIRLAB17:SL
Sample : WG2190695-4,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:36:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	8.775	49	252440	10.000	ppbV		0.00
Standard Area = 255556			Recovery = 98.78%				
34) 1,4-difluorobenzene	10.990	114	880140	10.000	ppbV		0.00
Standard Area = 912824			Recovery = 96.42%				
52) chlorobenzene-D5	15.758	54	109698	10.000	ppbV		0.00
Standard Area = 110427			Recovery = 99.34%				
System Monitoring Compounds							
Target Compounds							Qvalue
4) dichlorodifluoromethane	3.850		0	N.D.			
5) chloromethane	4.012		0	N.D.			
6) Freon-114	0.000		0	N.D.			
7) vinyl chloride	0.000		0	N.D.			
9) bromomethane	0.000		0	N.D.			
10) chloroethane	0.000		0	N.D.			
11) ethanol	4.948	31	634	0.035	ppbV	#	83
15) trichlorofluoromethane	0.000		0	N.D.			
18) 1,1-dichloroethene	0.000		0	N.D.			
19) tertiary butyl alcohol	0.000		0	N.D.			
20) methylene chloride	6.414	49	743	0.035	ppbV		91
23) Freon 113	0.000		0	N.D.			
24) trans-1,2-dichloroethene	0.000		0	N.D.			
25) 1,1-dichloroethane	0.000		0	N.D.			
26) MTBE	0.000		0	N.D.			
28) 2-butanone	0.000		0	N.D.			
29) cis-1,2-dichloroethene	0.000		0	N.D.			
31) chloroform	8.775		0	N.D.			
33) 1,2-dichloroethane	0.000		0	N.D.			
35) hexane	8.842		0	N.D.			
37) 1,1,1-trichloroethane	0.000		0	N.D.			
38) benzene	10.563		0	N.D.			
39) carbon tetrachloride	0.000		0	N.D.			
40) cyclohexane	0.000		0	N.D.	d		
42) 1,2-dichloropropane	11.630		0	N.D.			
43) bromodichloromethane	11.623		0	N.D.			
44) 1,4-dioxane	11.797		0	N.D.			
45) trichloroethene	0.000		0	N.D.			

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755130_Ev2.D
Acq On : 27 Mar 2026 11:03 PM
Operator : AIRLAB17:SL
Sample : WG2190695-4,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:36:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

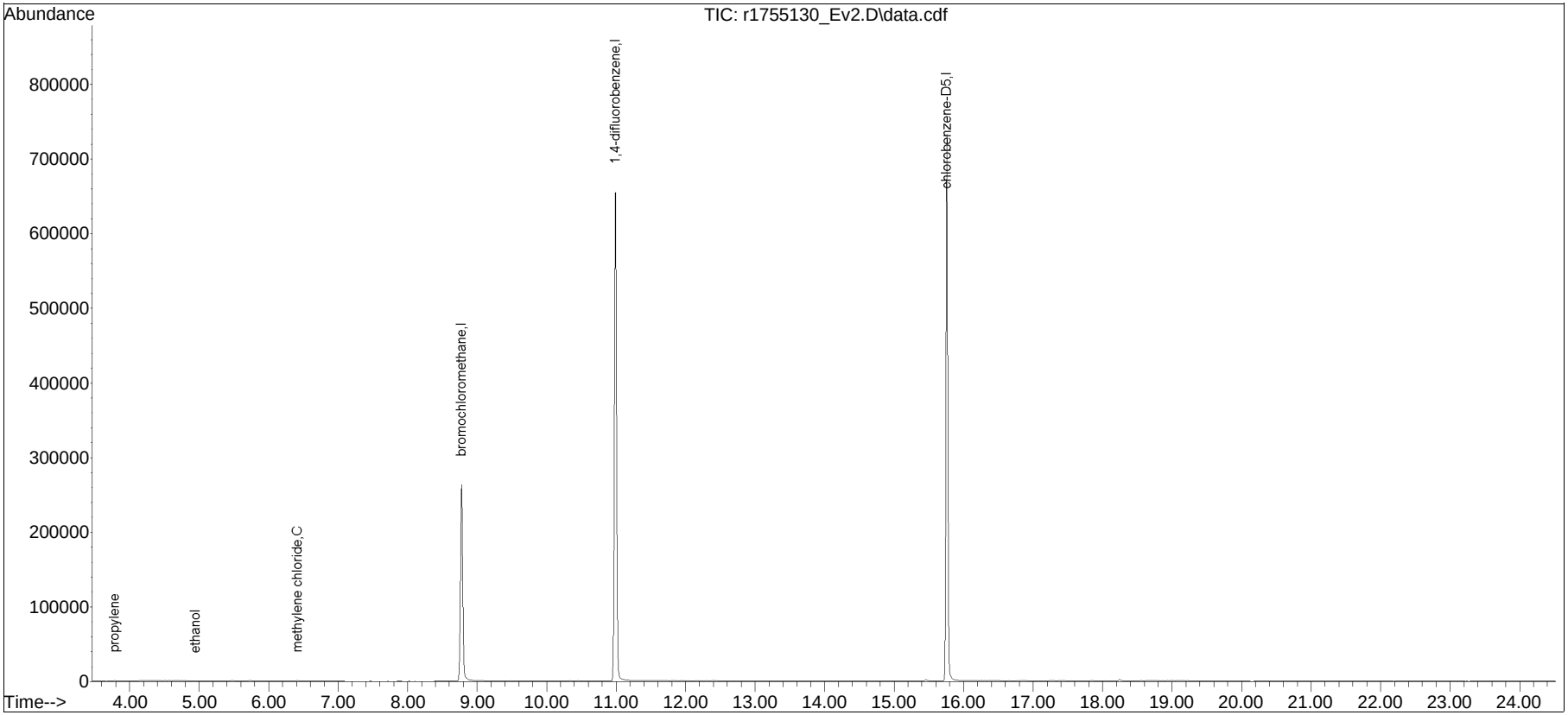
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	11.883		0		N.D.	
47) heptane	0.000		0		N.D.	
48) cis-1,3-dichloropropene	0.000		0		N.D.	
49) 4-methyl-2-pentanone	0.000		0		N.D.	
50) trans-1,3-dichloropropene	0.000		0		N.D.	
51) 1,1,2-trichloroethane	0.000		0		N.D.	
53) toluene	13.975		0		N.D.	
56) dibromochloromethane	0.000		0		N.D.	
57) 1,2-dibromoethane	0.000		0		N.D.	
58) tetrachloroethene	15.158		0		N.D.	
60) chlorobenzene	15.800		0		N.D.	
61) ethylbenzene	0.000		0		N.D.	
62) m+p-xylene	16.350		0		N.D.	
63) bromoform	0.000		0		N.D.	
64) styrene	0.000		0		N.D.	
65) 1,1,2,2-tetrachloroethane	0.000		0		N.D.	
66) o-xylene	16.792		0		N.D.	
72) 1,3,5-trimethylbenzene	0.000		0		N.D.	
74) 1,2,4-trimethylbenzene	18.233		0		N.D.	
75) Benzyl Chloride	18.258		0		N.D.	
76) 1,3-dichlorobenzene	0.000		0		N.D.	
77) 1,4-dichlorobenzene	18.550		0		N.D.	
81) 1,2-dichlorobenzene	18.550		0		N.D.	
84) 1,2,4-trichlorobenzene	20.242		0		N.D.	
85) naphthalene	20.358		0		N.D.	
87) hexachlorobutadiene	20.642		0		N.D.	

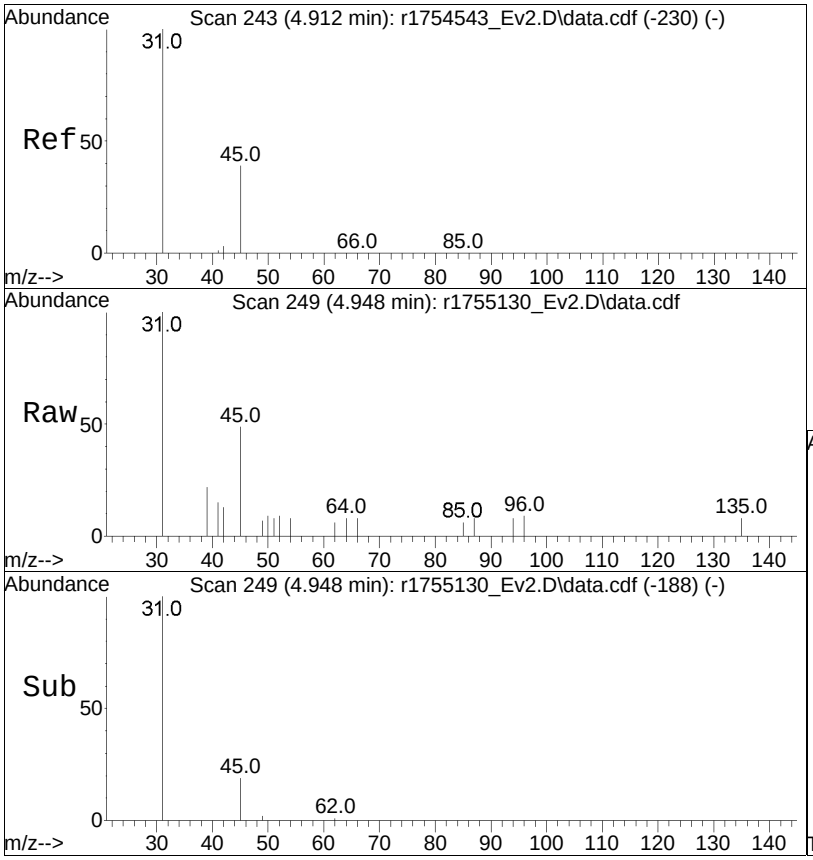
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755130_Ev2.D
Acq On : 27 Mar 2026 11:03 PM
Operator : AIRLAB17:SL
Sample : WG2190695-4,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:36:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

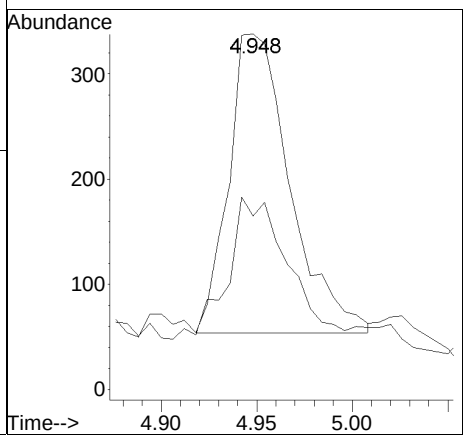


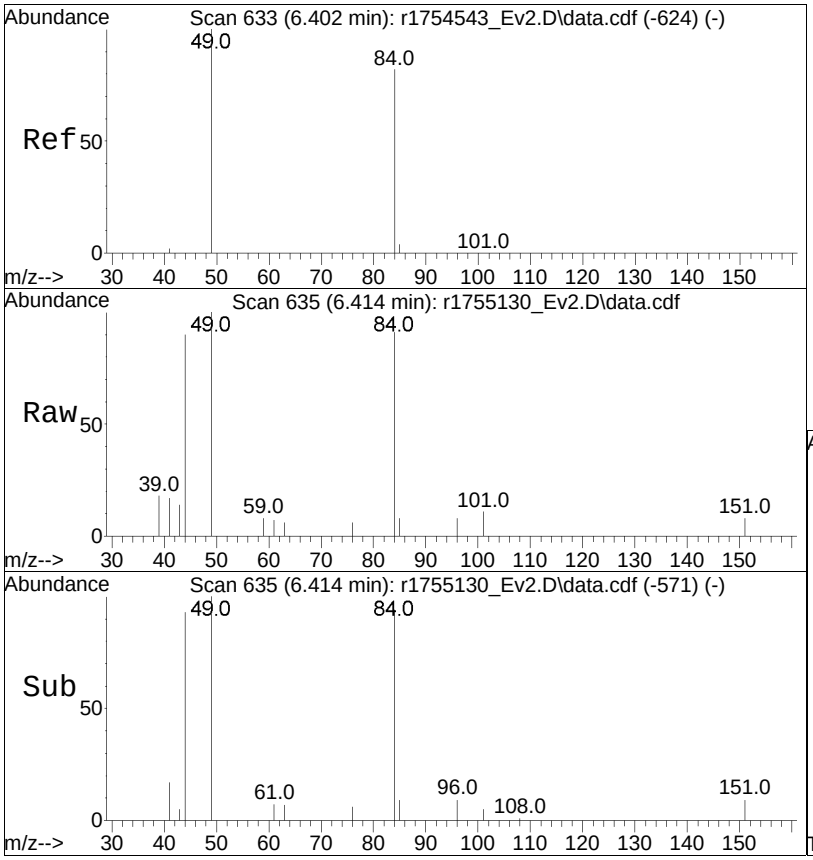


#11
ethanol
Concen: 0.03 ppbV
RT: 4.948 min Scan# 249
Delta R.T. 0.036 min
Lab File: r1755130_Ev2.D
Acq: 27 Mar 2026 11:03 PM

Tgt Ion: 31 Resp: 634

Ion	Ratio	Lower	Upper
31	100		
45	48.8	31.0	46.4#

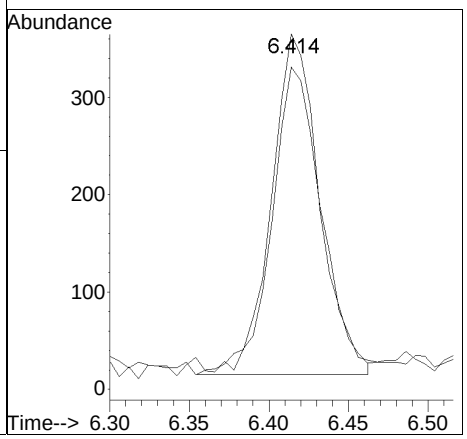




#20
methylene chloride
Concen: 0.03 ppbV
RT: 6.414 min Scan# 635
Delta R.T. 0.012 min
Lab File: r1755130_Ev2.D
Acq: 27 Mar 2026 11:03 PM

Tgt Ion: 49 Resp: 743

Ion	Ratio	Lower	Upper
49	100		
84	90.7	65.9	98.9



Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269469.D
Acq On : 28 Mar 2026 07:11 pm
Operator : AIRLAB26:SL
Sample : WG2190907-4,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 09:27:42 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.426	49	247777	10.000	ppbV	# 0.00
Standard Area = 234099			Recovery = 105.84%			
33) 1,4-difluorobenzene	4.324	114	705992	10.000	ppbV	# 0.00
Standard Area = 740785			Recovery = 95.30%			
51) chlorobenzene-D5	6.439	54	101298	10.000	ppbV	# 0.00
Standard Area = 104350			Recovery = 97.08%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) dichlorodifluoromethane	1.955		0	N.D.		
4) chloromethane	0.000		0	N.D.		d
5) Freon-114	1.955		0	N.D.		
6) vinyl chloride	0.000		0	N.D.		
8) bromomethane	2.180		0	N.D.		
9) chloroethane	0.000		0	N.D.		
10) ethanol	2.268	31	447M4	0.052	ppbV	
14) trichlorofluoromethane	2.295		0	N.D.		
17) 1,1-dichloroethene	2.629		0	N.D.		
18) tertiary butyl alcohol	2.753		0	N.D.		
19) methylene chloride	0.000		0	N.D.		d
22) Freon 113	2.653		0	N.D.		
23) trans-1,2-dichloroethene	3.077		0	N.D.		
24) 1,1-dichloroethane	0.000		0	N.D.		
25) MTBE	3.237		0	N.D.		
27) 2-butanone	3.232		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
30) chloroform	3.433		0	N.D.		
32) 1,2-dichloroethane	0.000		0	N.D.		
34) hexane	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
37) benzene	4.126		0	N.D.		
38) carbon tetrachloride	4.050		0	N.D.		
39) cyclohexane	0.000		0	N.D.		d
41) 1,2-dichloropropane	0.000		0	N.D.		
42) bromodichloromethane	0.000		0	N.D.		
43) 1,4-dioxane	4.540		0	N.D.		
44) trichloroethene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269469.D
Acq On : 28 Mar 2026 07:11 pm
Operator : AIRLAB26:SL
Sample : WG2190907-4,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 09:27:42 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

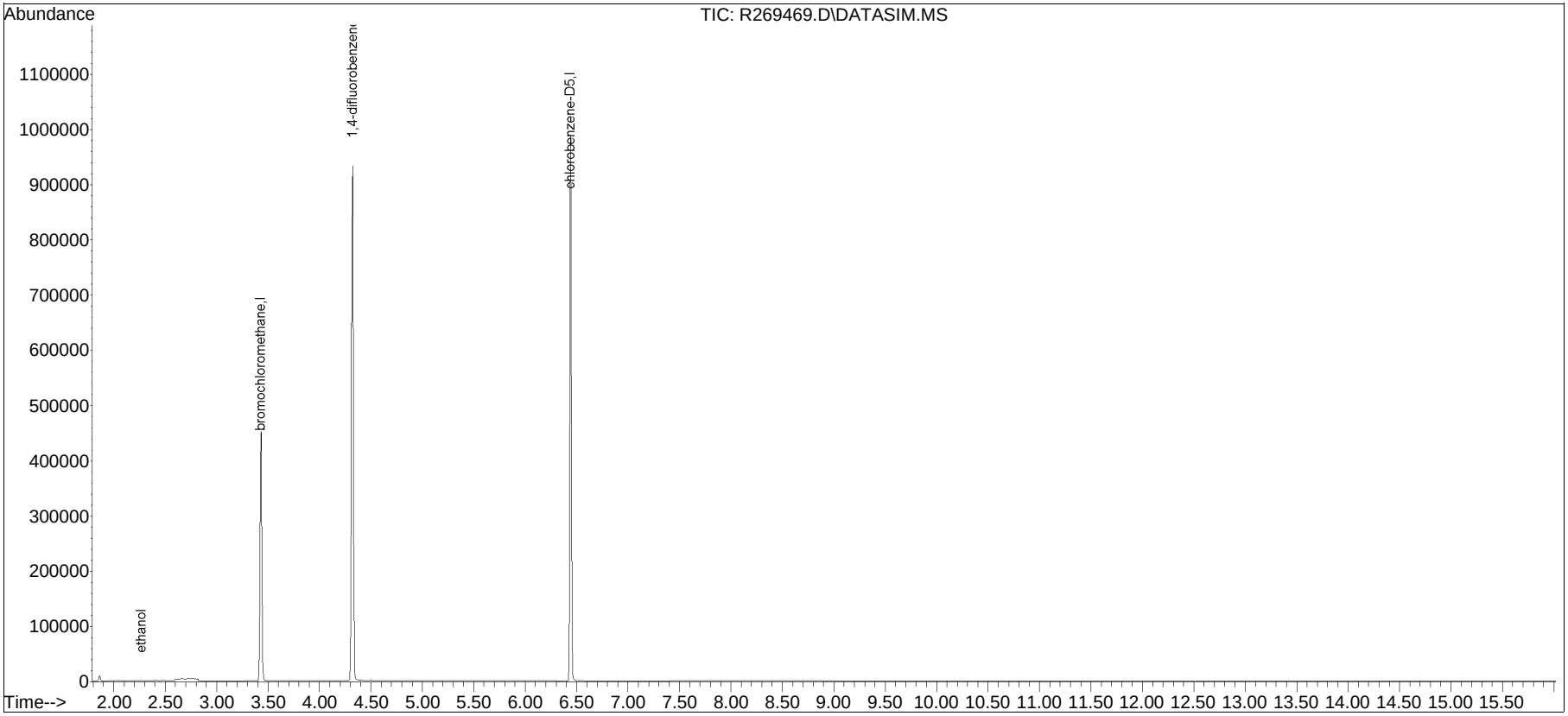
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2,2,4-trimethylpentane	4.682		0		N.D.	
46) heptane	0.000		0		N.D.	
47) cis-1,3-dichloropropene	0.000		0		N.D.	
48) 4-methyl-2-pentanone	0.000		0		N.D.	
49) trans-1,3-dichloropropene	0.000		0		N.D.	
50) 1,1,2-trichloroethane	0.000		0		N.D.	
52) toluene	5.571		0		N.D.	
55) dibromochloromethane	0.000		0		N.D.	
56) 1,2-dibromoethane	0.000		0		N.D.	
57) tetrachloroethene	0.000		0		N.D.	
59) chlorobenzene	6.466		0		N.D.	
60) ethylbenzene	6.674		0		N.D.	
61) m+p-xylene	6.777		0		N.D.	
62) bromoform	0.000		0		N.D.	
63) styrene	6.945		0		N.D.	
64) 1,1,2,2-tetrachloroethane	6.910		0		N.D.	
65) o-xylene	6.986		0		N.D.	
71) 1,3,5-trimethylbenzene	7.520		0		N.D.	
73) 1,2,4-trimethylbenzene	7.904		0		N.D.	
74) Benzyl Chloride	7.983		0		N.D.	
75) 1,3-dichlorobenzene	8.015		0		N.D.	
76) 1,4-dichlorobenzene	8.015		0		N.D.	
79) 1,2-dichlorobenzene	8.199		0		N.D.	
82) 1,2,4-trichlorobenzene	9.206		0		N.D.	
83) naphthalene	9.259		0		N.D.	
85) hexachlorobutadiene	0.000		0		N.D.	

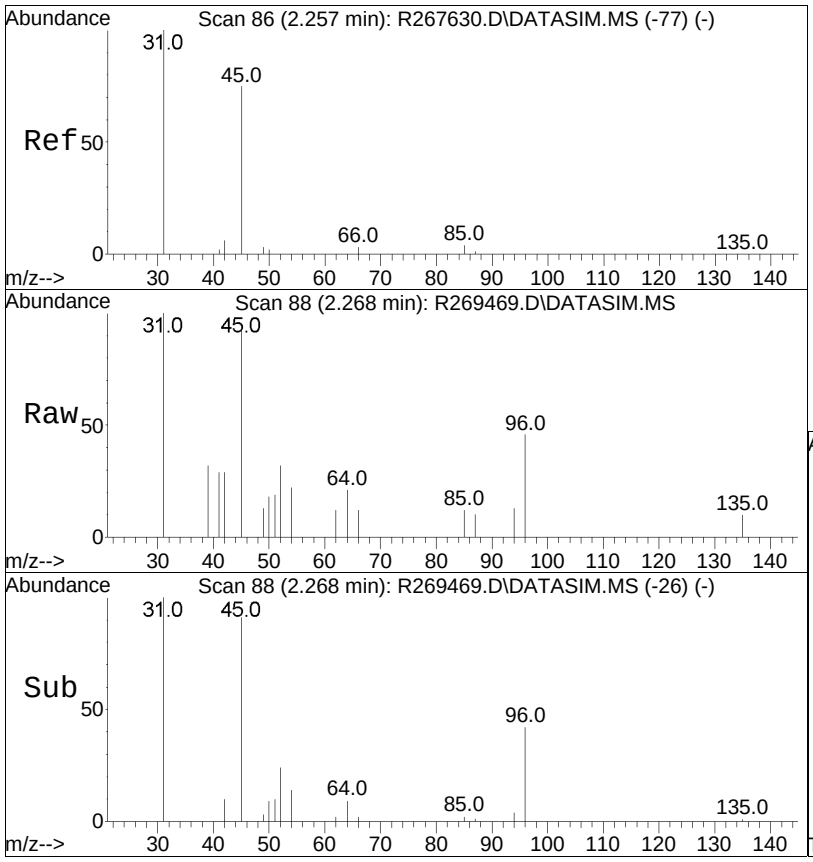
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269469.D
Acq On : 28 Mar 2026 07:11 pm
Operator : AIRLAB26:SL
Sample : WG2190907-4,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 09:27:42 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

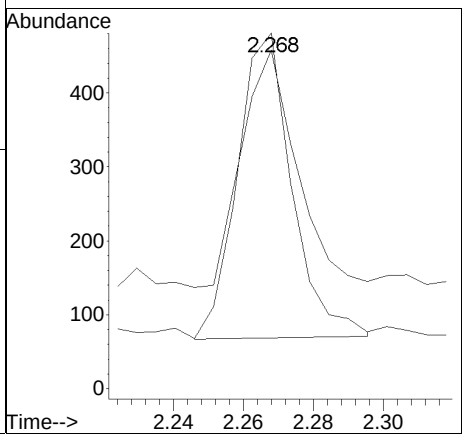




#10
ethanol
Concen: 0.05 ppbV m
RT: 2.268 min Scan# 88
Delta R.T. 0.011 min
Lab File: R269469.D
Acq: 28 Mar 2026 07:11 pm

Tgt Ion: 31 Resp: 447

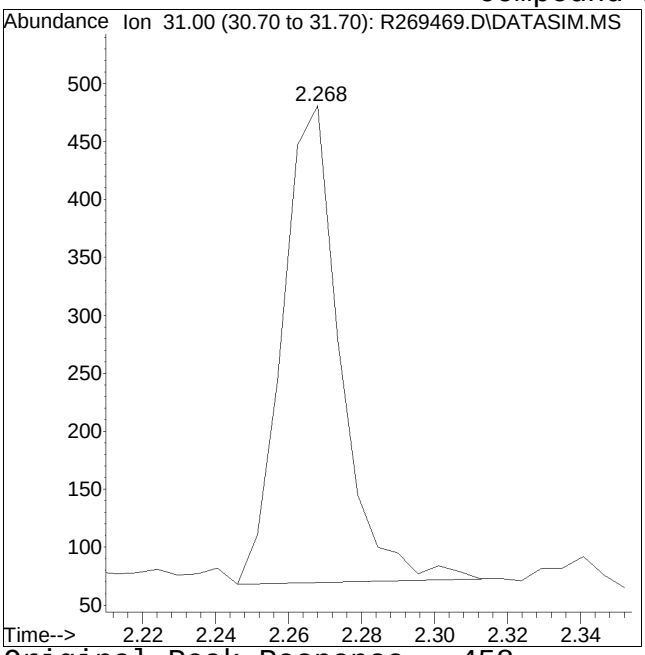
Ion	Ratio	Lower	Upper
31	100		
45	103.8	63.0	94.4#



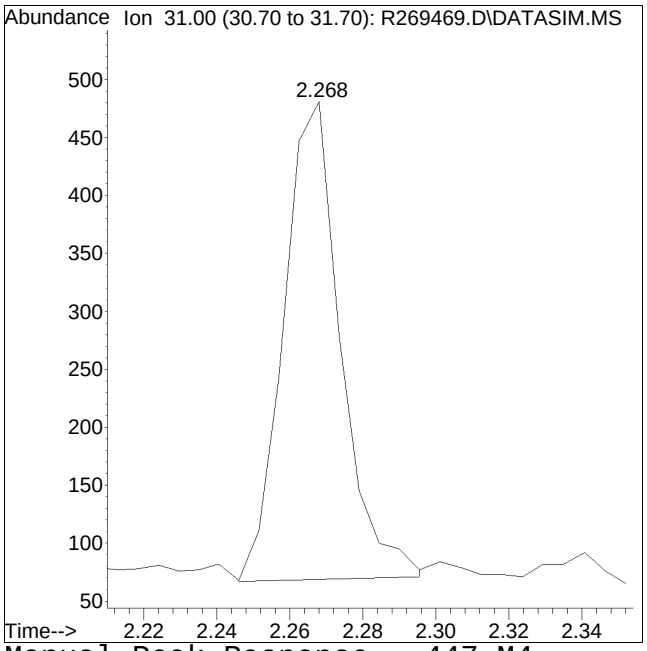
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269469.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 7:11 pm Instrument : Airlab26
Sample : WG2190907-4,3,250,250 Quant Date : 3/29/2026 9:27 am

Compound #10: ethanol



Original Peak Response = 458



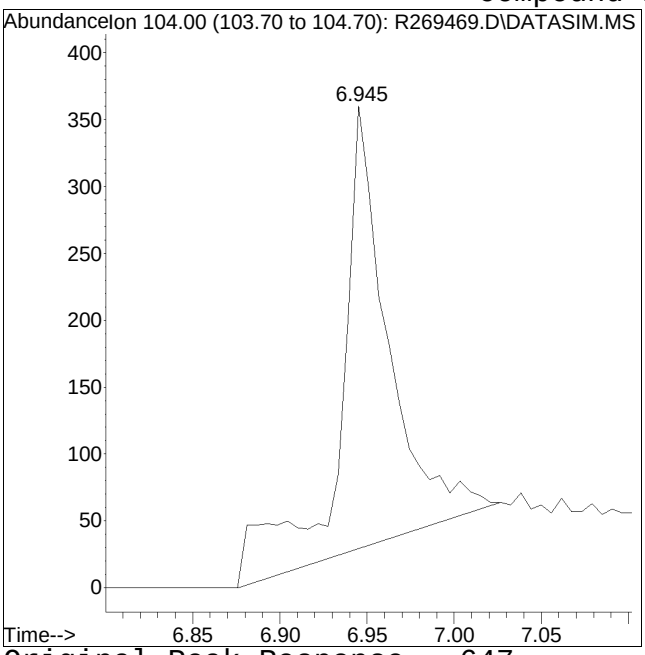
Manual Peak Response = 447 M4

M4 = Poor automated baseline construction.

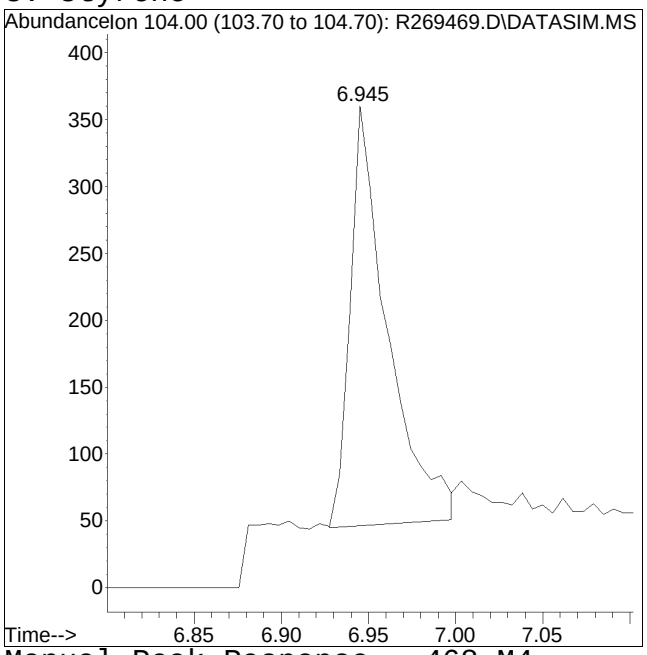
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269469.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 7:11 pm Instrument : Airlab26
Sample : WG2190907-4,3,250,250 Quant Date : 3/29/2026 9:27 am

Compound #63: styrene



Original Peak Response = 647



Manual Peak Response = 468 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560053_Ev2.D
Acq On : 29 Mar 2026 5:00 PM
Operator : AIRLAB15:TPH
Sample : WG2191136-4,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 07:54:50 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.208	49	389218	10.000	ppbV	-0.06
Standard Area = 378066			Recovery = 102.95%			
34) 1,4-difluorobenzene	11.443	114	957190	10.000	ppbV	-0.05
Standard Area = 967593			Recovery = 98.92%			
52) chlorobenzene-D5	16.117	54	161954	10.000	ppbV	-0.04
Standard Area = 162492			Recovery = 99.67%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	0.000		0	N.D.		
5) chloromethane	4.264		0	N.D.		
6) Freon-114	0.000		0	N.D.		
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	0.000		0	N.D.		
10) chloroethane	0.000		0	N.D.		
11) ethanol	5.272	31	572	0.033	ppbV	93
15) trichlorofluoromethane	0.000		0	N.D.		
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.		
20) methylene chloride	6.804	49	1169	0.035	ppbV	99
23) Freon 113	0.000		0	N.D.		
24) trans-1,2-dichloroethene	0.000		0	N.D.		
25) 1,1-dichloroethane	0.000		0	N.D.		
26) MTBE	0.000		0	N.D.		
28) 2-butanone	8.575		0	N.D.		
29) cis-1,2-dichloroethene	0.000		0	N.D.		
31) chloroform	9.208		0	N.D.		
33) 1,2-dichloroethane	0.000		0	N.D.		
35) hexane	9.275		0	N.D.		
37) 1,1,1-trichloroethane	0.000		0	N.D.		
38) benzene	11.017		0	N.D.		
39) carbon tetrachloride	0.000		0	N.D.		
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.950		0	N.D.		
43) bromodichloromethane	0.000		0	N.D.		
44) 1,4-dioxane	0.000		0	N.D.		
45) trichloroethene	0.000		0	N.D.		

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560053_Ev2.D
Acq On : 29 Mar 2026 5:00 PM
Operator : AIRLAB15:TPH
Sample : WG2191136-4,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 07:54:50 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

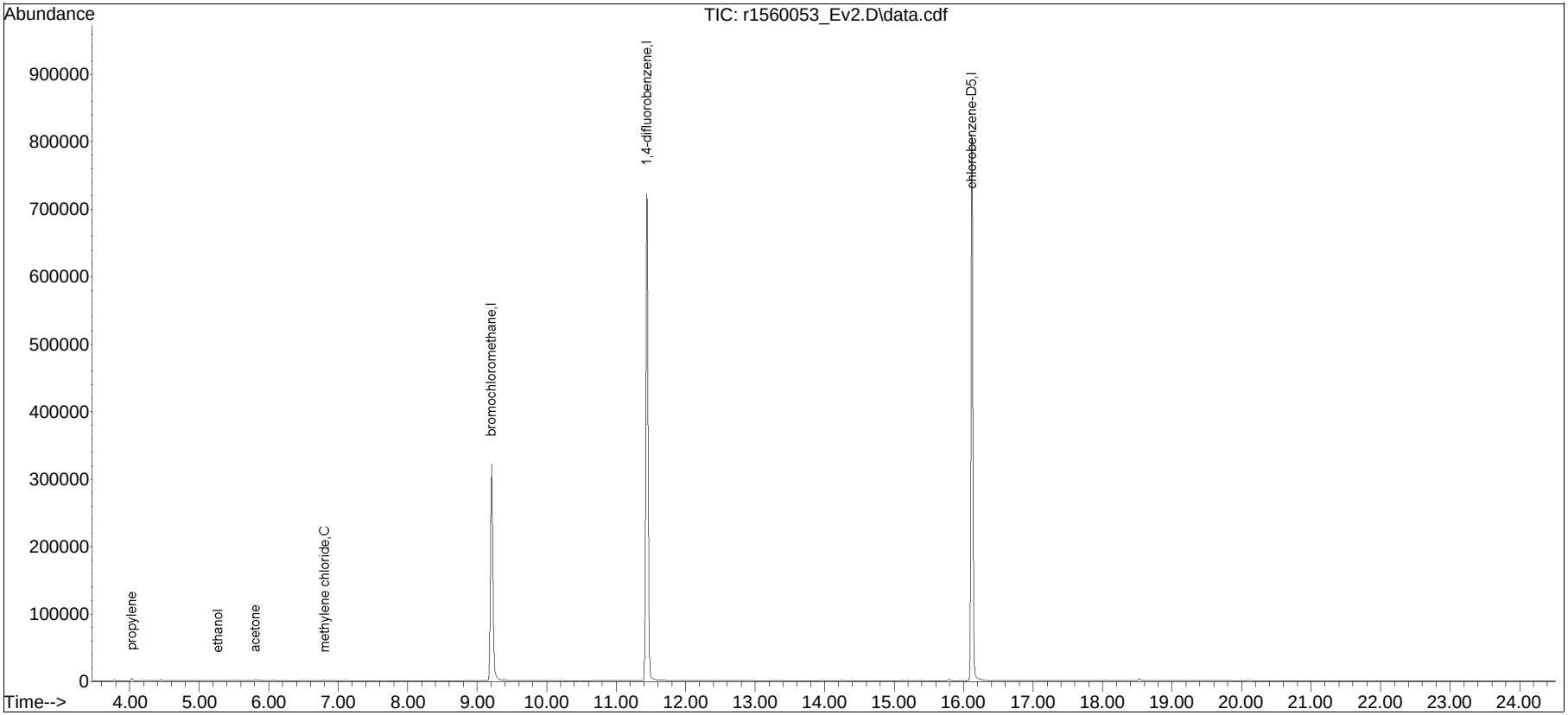
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	12.310		0		N.D.	
47) heptane	0.000		0		N.D.	
48) cis-1,3-dichloropropene	0.000		0		N.D.	
49) 4-methyl-2-pentanone	0.000		0		N.D.	
50) trans-1,3-dichloropropene	0.000		0		N.D.	
51) 1,1,2-trichloroethane	0.000		0		N.D.	
53) toluene	14.383		0		N.D.	
56) dibromochloromethane	0.000		0		N.D.	
57) 1,2-dibromoethane	0.000		0		N.D.	
58) tetrachloroethene	0.000		0		N.D.	
60) chlorobenzene	0.000		0		N.D.	
61) ethylbenzene	16.692		0		N.D.	
62) m+p-xylene	16.692		0		N.D.	
63) bromoform	0.000		0		N.D.	
64) styrene	0.000		0		N.D.	
65) 1,1,2,2-tetrachloroethane	0.000		0		N.D.	
66) o-xylene	17.117		0		N.D.	
72) 1,3,5-trimethylbenzene	0.000		0		N.D.	
74) 1,2,4-trimethylbenzene	18.608		0		N.D.	
75) Benzyl Chloride	18.767		0		N.D.	
76) 1,3-dichlorobenzene	18.767		0		N.D.	
77) 1,4-dichlorobenzene	18.767		0		N.D.	
81) 1,2-dichlorobenzene	19.075		0		N.D.	
84) 1,2,4-trichlorobenzene	20.717		0		N.D.	
85) naphthalene	20.850		0		N.D.	
87) hexachlorobutadiene	21.075		0		N.D.	

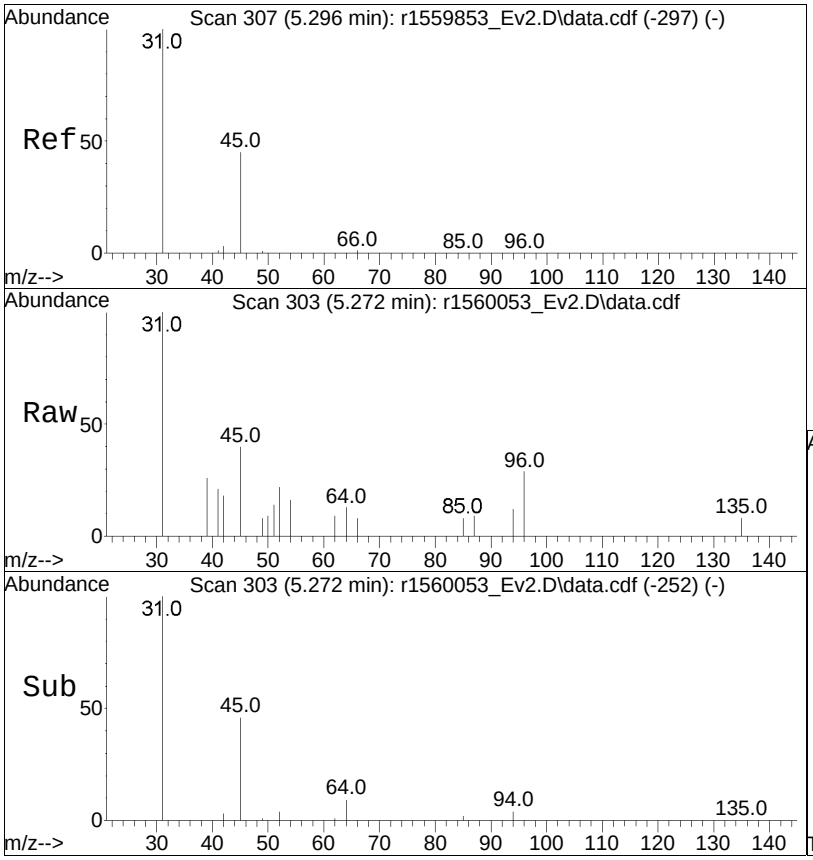
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\r1560051_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560053_Ev2.D
Acq On : 29 Mar 2026 5:00 PM
Operator : AIRLAB15:TPH
Sample : WG2191136-4,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 07:54:50 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

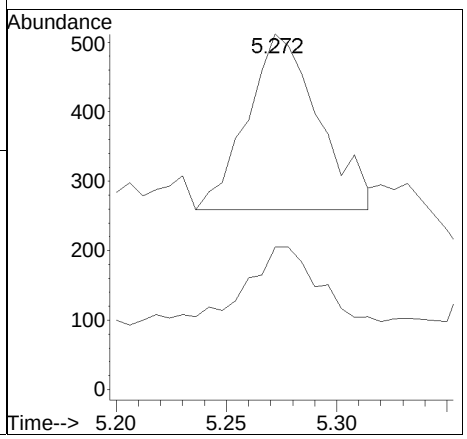


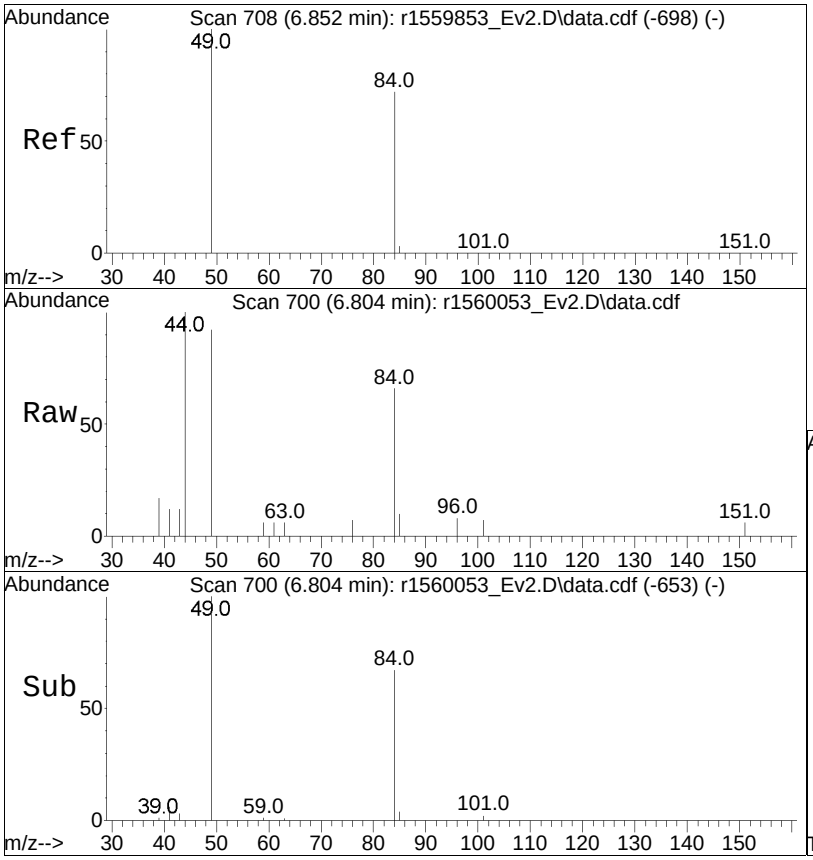


#11
ethanol
Concen: 0.03 ppbV
RT: 5.272 min Scan# 303
Delta R.T. -0.024 min
Lab File: r1560053_Ev2.D
Acq: 29 Mar 2026 5:00 PM

Tgt Ion: 31 Resp: 572

Ion	Ratio	Lower	Upper
31	100		
45	40.0	35.7	53.5

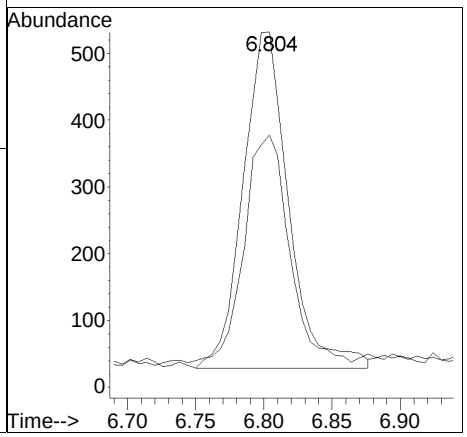




#20
methylene chloride
Concen: 0.04 ppbV
RT: 6.804 min Scan# 700
Delta R.T. -0.048 min
Lab File: r1560053_Ev2.D
Acq: 29 Mar 2026 5:00 PM

Tgt Ion: 49 Resp: 1169

Ion	Ratio	Lower	Upper
49	100		
84	71.1	57.4	86.2



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab15\20	QMethod	: TSIM15_260320.M
Data File	: r1560053_Ev2.D	Operator	: AIRLAB15:TPH
Date Inj'd	: 3/29/2026 5:00 PM	Instrument	:
Sample	: WG2191136-4,3,250,250	Quant Date	: 3/30/2026 7:54 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-3,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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	109	0.02
3		propylene	5.000	4.516	9.7	118	0.01
4		dichlorodifluoromethane	5.000	4.582	8.4	109	0.02
5	C	chloromethane	5.000	3.955	20.9	96	0.02
6		Freon-114	5.000	4.504	9.9	110	0.02
7	C	vinyl chloride	5.000	3.883	22.3	95	0.02
8	C	1,3-butadiene	5.000	4.043	19.1	103	0.02
9	C	bromomethane	5.000	4.514	9.7	106	0.02
10	C	chloroethane	5.000	3.850	23.0	91	0.02
11		ethanol	25.000	17.973	28.1	80	0.02
12	C	vinyl bromide	5.000	5.266	-5.3	133	0.02
13	C	acrolein	5.000	3.437	31.3#	89	0.02
14		acetone	25.000	21.941	12.2	111	0.02
15		trichlorofluoromethane	5.000	4.660	6.8	115	0.02
16		isopropyl alcohol	12.500	10.924	12.6	104	0.03
17	C	acrylonitrile	5.000	4.065	18.7	98	0.02
18	C	1,1-dichloroethene	5.000	4.326	13.5	108	0.02
19		tertiary butyl alcohol	5.000	3.757	24.9	91	0.02
20	C	methylene chloride	5.000	4.710	5.8	114	0.02
21	C	3-chloropropene	5.000	4.812	3.8	120	0.02
22	C	carbon disulfide	5.000	5.146	-2.9	125	0.02
23		Freon 113	5.000	4.866	2.7	122	0.02
24		trans-1,2-dichloroethene	5.000	4.449	11.0	111	0.03
25	C	1,1-dichloroethane	5.000	4.264	14.7	109	0.02
26	C	MTBE	5.000	4.808	3.8	121	0.02
27	C	vinyl acetate	5.000	3.289	34.2#	89	0.03
28	C	2-butanone	5.000	4.651	7.0	114	0.02
29		cis-1,2-dichloroethene	5.000	4.158	16.8	106	0.02
30		Ethyl Acetate	5.000	4.770	4.6	116	0.03
31	C	chloroform	5.000	4.673	6.5	120	0.03
32		Tetrahydrofuran	5.000	5.354	-7.1	131	0.02
33	C	1,2-dichloroethane	5.000	4.235	15.3	108	0.03
34	I	1,4-difluorobenzene	10.000	10.000	0.0	121	0.02
35	C	hexane	5.000	3.931	21.4	101	0.02
37	C	1,1,1-trichloroethane	5.000	3.939	21.2	112	0.02
38	C	benzene	5.000	4.330	13.4	124	0.02
39	C	carbon tetrachloride	5.000	4.665	6.7	129	0.02
40		cyclohexane	5.000	4.065	18.7	109	0.02

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-3,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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		Dibromomethane	5.000	3.904	21.9	111	0.02
42	C	1,2-dichloropropane	5.000	3.837	23.3	110	0.02
43		bromodichloromethane	5.000	4.699	6.0	127	0.02
44	C	1,4-dioxane	5.000	4.709	5.8	129	0.02
45	C	trichloroethene	5.000	4.318	13.6	119	0.02
46	C	2,2,4-trimethylpentane	5.000	4.143	17.1	111	0.02
47		heptane	5.000	4.420	11.6	120	0.02
48	C	cis-1,3-dichloropropene	5.000	5.363	-7.3	146	0.03
49	C	4-methyl-2-pentanone	5.000	4.246	15.1	115	0.02
50		trans-1,3-dichloropropene	5.000	5.780	-15.6	148	0.02
51	C	1,1,2-trichloroethane	5.000	4.249	15.0	117	0.03
52	I	chlorobenzene-D5	10.000	10.000	0.0	102	0.02
53	C	toluene	5.000	4.811	3.8	111	0.03
55		2-hexanone	5.000	5.547	-10.9	177	0.00
56		dibromochloromethane	5.000	5.665	-13.3	128	0.02
57	C	1,2-dibromoethane	5.000	5.768	-15.4	132	0.02
58	C	tetrachloroethene	5.000	5.373	-7.5	128	0.02
59		1,1,1,2-tetrachloroethane	5.000	4.913	1.7	116	0.02
60	C	chlorobenzene	5.000	5.260	-5.2	124	0.02
61	C	ethylbenzene	5.000	4.762	4.8	108	0.00
62	C	m+p-xylene	10.000	9.951	0.5	110	0.02
63	C	bromoform	5.000	6.330	-26.6	136	0.02
64	C	styrene	5.000	5.861	-17.2	123	0.02
65	C	1,1,2,2-tetrachloroethane	5.000	5.139	-2.8	123	0.02
66	C	o-xylene	5.000	4.867	2.7	109	0.02
67		1,2,3-Trichloropropane	5.000	5.102	-2.0	119	0.02
69	C	isopropylbenzene	5.000	5.204	-4.1	121	0.02
70		Bromobenzene	5.000	4.941	1.2	110	0.00
71		4-ethyl toluene	5.000	5.805	-16.1	127	0.02
72		1,3,5-trimethylbenzene	5.000	5.655	-13.1	127	0.00
73		tert-butylbenzene	5.000	5.128	-2.6	117	0.02
74		1,2,4-trimethylbenzene	5.000	5.640	-12.8	124	0.02
75	C	Benzyl Chloride	5.000	3.946	21.1	86	0.02
76		1,3-dichlorobenzene	5.000	5.696	-13.9	120	0.02
77	C	1,4-dichlorobenzene	5.000	5.506	-10.1	118	0.02
78		sec-butylbenzene	5.000	4.947	1.1	112	0.02
80		p-isopropyltoluene	5.000	4.877	2.5	110	0.02
81		1,2-dichlorobenzene	5.000	5.001	-0.0	119	0.03

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-3,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
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)
82	n-butylbenzene	5.000	4.536	9.3	99	0.03
83	1,2-dibromo-3-chloropropane	5.000	4.201	16.0	94	0.03
84 C	1,2,4-trichlorobenzene	5.000	4.617	7.7	94	0.07
85	naphthalene	5.000	3.497	30.1#	74	0.07
86	1,2,3-trichlorobenzene	5.000	3.701	26.0	79	0.07
87 C	hexachlorobutadiene	5.000	4.694	6.1	103	0.07

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-3,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	119	0.00
2		propylene	5.000	5.076	-1.5	127	0.00
3		dichlorodifluoromethane	5.000	5.238	-4.8	126	0.00
4	C	chloromethane	5.000	5.409	-8.2	131	0.00
5		Freon-114	5.000	5.253	-5.1	129	0.00
6	C	vinyl chloride	5.000	5.285	-5.7	134	0.00
7	C	1,3-butadiene	5.000	5.563	-11.3	147	0.00
8	C	bromomethane	5.000	5.322	-6.4	136	0.00
9	C	chloroethane	5.000	5.227	-4.5	129	0.00
10		ethanol	25.000	24.273	2.9	113	0.00
11	C	vinyl bromide	5.000	5.171	-3.4	131	0.00
12	C	acrolein	5.000	4.073	18.5	105	0.00
13		acetone	25.000	29.700	-18.8	147	0.00
14		trichlorofluoromethane	5.000	5.071	-1.4	126	0.00
15		isopropyl alcohol	12.500	13.045	-4.4	152	0.00
16	C	acrylonitrile	5.000	4.713	5.7	115	0.00
17	C	1,1-dichloroethene	5.000	5.266	-5.3	132	0.00
18		tertiary butyl alcohol	5.000	4.805	3.9	122	0.00
19	C	methylene chloride	5.000	5.925	-18.5	137	0.00
20	C	3-chloropropene	5.000	5.623	-12.5	136	0.00
21	C	carbon disulfide	5.000	5.429	-8.6	136	0.00
22		Freon 113	5.000	5.019	-0.4	126	0.00
23		trans-1,2-dichloroethene	5.000	5.256	-5.1	137	0.00
24	C	1,1-dichloroethane	5.000	5.070	-1.4	129	0.00
25	C	MTBE	5.000	5.022	-0.4	132	0.00
26	C	vinyl acetate	5.000	3.867	22.7	95	0.00
27	C	2-butanone	5.000	5.422	-8.4	134	0.00
28		cis-1,2-dichloroethene	5.000	4.496	10.1	112	0.00
29		Ethyl Acetate	5.000	4.176	16.5	121	0.00
30	C	chloroform	5.000	4.652	7.0	118	0.00
31		Tetrahydrofuran	5.000	5.883	-17.7	144	0.00
32	C	1,2-dichloroethane	5.000	4.533	9.3	114	0.00
33	I	1,4-difluorobenzene	10.000	10.000	0.0	112	0.00
34	C	hexane	5.000	5.058	-1.2	133	0.00
36	C	1,1,1-trichloroethane	5.000	4.777	4.5	113	0.00
37	C	benzene	5.000	4.868	2.6	114	0.00
38	C	carbon tetrachloride	5.000	4.962	0.8	116	0.00
39		cyclohexane	5.000	5.151	-3.0	123	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-3,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	4.368	12.6	101	0.00
41	C	1,2-dichloropropane	5.000	4.866	2.7	115	0.00
42		bromodichloromethane	5.000	5.269	-5.4	127	0.00
43	C	1,4-dioxane	5.000	5.409	-8.2	135	0.00
44	C	trichloroethene	5.000	4.493	10.1	107	0.00
45	C	2,2,4-trimethylpentane	5.000	5.594	-11.9	134	0.00
46		heptane	5.000	5.401	-8.0	128	0.00
47	C	cis-1,3-dichloropropene	5.000	5.667	-13.3	132	0.00
48	C	4-methyl-2-pentanone	5.000	5.401	-8.0	124	0.00
49		trans-1,3-dichloropropene	5.000	5.600	-12.0	132	0.00
50	C	1,1,2-trichloroethane	5.000	4.740	5.2	111	0.00
51	I	chlorobenzene-D5	10.000	10.000	0.0	115	0.00
52	C	toluene	5.000	4.780	4.4	113	0.00
54		2-hexanone	5.000	4.999	0.0	117	0.00
55		dibromochloromethane	5.000	5.155	-3.1	126	0.00
56	C	1,2-dibromoethane	5.000	4.744	5.1	116	0.00
57	C	tetrachloroethene	5.000	4.415	11.7	109	0.00
58		1,1,1,2-tetrachloroethane	5.000	4.153	16.9	96	0.00
59	C	chlorobenzene	5.000	4.517	9.7	109	0.00
60	C	ethylbenzene	5.000	4.537	9.3	107	0.00
61	C	m+p-xylene	10.000	9.397	6.0	112	0.00
62	C	bromoform	5.000	5.255	-5.1	126	0.00
63	C	styrene	5.000	4.798	4.0	107	0.00
64	C	1,1,2,2-tetrachloroethane	5.000	4.644	7.1	112	0.00
65	C	o-xylene	5.000	4.583	8.3	110	0.00
66		1,2,3-Trichloropropane	5.000	4.420	11.6	104	0.00
68	C	isopropylbenzene	5.000	4.594	8.1	101	0.00
69		Bromobenzene	5.000	4.299	14.0	102	0.00
70		4-ethyl toluene	5.000	5.107	-2.1	118	0.00
71		1,3,5-trimethylbenzene	5.000	4.768	4.6	112	0.00
72		tert-butylbenzene	5.000	4.686	6.3	102	0.00
73		1,2,4-trimethylbenzene	5.000	4.852	3.0	111	0.00
74	C	Benzyl Chloride	5.000	4.159	16.8	93	0.00
75		1,3-dichlorobenzene	5.000	4.492	10.2	104	0.00
76	C	1,4-dichlorobenzene	5.000	4.355	12.9	106	0.00
77		sec-butylbenzene	5.000	4.703	5.9	99	0.00
78		p-isopropyltoluene	5.000	4.827	3.5	103	0.00
79		1,2-dichlorobenzene	5.000	4.308	13.8	103	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-3,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
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	5.002	-0.0	103	0.00
81	1,2-dibromo-3-chloropropane	5.000	4.089	18.2	93	0.00
82 C	1,2,4-trichlorobenzene	5.000	4.073	18.5	93	0.00
83	naphthalene	5.000	3.564	28.7	76	0.00
84	1,2,3-trichlorobenzene	5.000	3.854	22.9	75	0.00
85 C	hexachlorobutadiene	5.000	4.596	8.1	100	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-3,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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	101	-0.08
3		propylene	5.000	4.909	1.8	118	-0.05
4		dichlorodifluoromethane	5.000	4.963	0.7	100	-0.05
5	C	chloromethane	5.000	4.823	3.5	99	-0.05
6		Freon-114	5.000	5.065	-1.3	104	-0.05
7	C	vinyl chloride	5.000	5.265	-5.3	113	-0.06
8	C	1,3-butadiene	5.000	5.531	-10.6	121	-0.05
9	C	bromomethane	5.000	5.695	-13.9	123	-0.06
10	C	chloroethane	5.000	5.292	-5.8	114	-0.06
11		ethanol	25.000	24.459	2.2	120	-0.07
12	C	vinyl bromide	5.000	5.451	-9.0	124	-0.06
13	C	acrolein	5.000	4.266	14.7	93	-0.06
14		acetone	25.000	25.354	-1.4	88	-0.06
15		trichlorofluoromethane	5.000	4.867	2.7	92	-0.07
16		isopropyl alcohol	12.500	10.569	15.4	79	-0.06
17	C	acrylonitrile	5.000	4.451	11.0	81	-0.07
18	C	1,1-dichloroethene	5.000	5.331	-6.6	110	-0.07
19		tertiary butyl alcohol	5.000	4.673	6.5	102	-0.07
20	C	methylene chloride	5.000	5.282	-5.6	109	-0.07
21	C	3-chloropropene	5.000	5.685	-13.7	122	-0.07
22	C	carbon disulfide	5.000	5.468	-9.4	116	-0.07
23		Freon 113	5.000	5.073	-1.5	108	-0.07
24		trans-1,2-dichloroethene	5.000	5.564	-11.3	121	-0.07
25	C	1,1-dichloroethane	5.000	5.070	-1.4	106	-0.07
26	C	MTBE	5.000	5.883	-17.7	125	-0.07
27	C	vinyl acetate	5.000	3.486	30.3#	86	-0.07
28	C	2-butanone	5.000	5.291	-5.8	111	-0.07
29		cis-1,2-dichloroethene	5.000	5.231	-4.6	107	-0.07
30		Ethyl Acetate	5.000	5.639	-12.8	123	-0.07
31	C	chloroform	5.000	5.104	-2.1	107	-0.07
32		Tetrahydrofuran	5.000	6.127	-22.5	132	-0.07
33	C	1,2-dichloroethane	5.000	5.118	-2.4	108	-0.07
34	I	1,4-difluorobenzene	10.000	10.000	0.0	100	-0.07
35	C	hexane	5.000	5.556	-11.1	117	-0.08
37	C	1,1,1-trichloroethane	5.000	5.008	-0.2	100	-0.08
38	C	benzene	5.000	5.113	-2.3	106	-0.07
39	C	carbon tetrachloride	5.000	5.428	-8.6	107	-0.07
40		cyclohexane	5.000	5.629	-12.6	120	-0.07

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-3,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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		Dibromomethane	5.000	4.744	5.1	101	-0.07
42	C	1,2-dichloropropane	5.000	5.065	-1.3	107	-0.07
43		bromodichloromethane	5.000	5.777	-15.5	121	-0.07
44	C	1,4-dioxane	5.000	5.969	-19.4	125	-0.07
45	C	trichloroethene	5.000	5.160	-3.2	104	-0.07
46	C	2,2,4-trimethylpentane	5.000	5.858	-17.2	124	-0.08
47		heptane	5.000	5.867	-17.3	121	-0.07
48	C	cis-1,3-dichloropropene	5.000	6.658	-33.2#	128	-0.07
49	C	4-methyl-2-pentanone	5.000	5.960	-19.2	121	-0.07
50		trans-1,3-dichloropropene	5.000	6.948	-39.0#	133	-0.08
51	C	1,1,2-trichloroethane	5.000	5.115	-2.3	105	-0.07
52	I	chlorobenzene-D5	10.000	10.000	0.0	94	-0.05
53	C	toluene	5.000	5.502	-10.0	106	-0.07
55		2-hexanone	5.000	6.250	-25.0	118	-0.06
56		dibromochloromethane	5.000	6.126	-22.5	117	-0.06
57	C	1,2-dibromoethane	5.000	5.907	-18.1	111	-0.06
58	C	tetrachloroethene	5.000	5.294	-5.9	103	-0.05
59		1,1,1,2-tetrachloroethane	5.000	4.981	0.4	96	-0.06
60	C	chlorobenzene	5.000	5.339	-6.8	104	-0.05
61	C	ethylbenzene	5.000	5.629	-12.6	104	-0.05
62	C	m+p-xylene	10.000	11.504	-15.0	104	-0.06
63	C	bromoform	5.000	5.933	-18.7	111	-0.05
64	C	styrene	5.000	6.059	-21.2	105	-0.06
65	C	1,1,2,2-tetrachloroethane	5.000	5.693	-13.9	107	-0.05
66	C	o-xylene	5.000	5.760	-15.2	103	-0.05
67		1,2,3-Trichloropropane	5.000	5.395	-7.9	102	-0.05
69	C	isopropylbenzene	5.000	5.121	-2.4	98	-0.05
70		Bromobenzene	5.000	5.291	-5.8	98	-0.05
71		4-ethyl toluene	5.000	6.477	-29.5	116	-0.05
72		1,3,5-trimethylbenzene	5.000	6.052	-21.0	109	-0.04
73		tert-butylbenzene	5.000	5.393	-7.9	100	-0.04
74		1,2,4-trimethylbenzene	5.000	6.332	-26.6	110	-0.04
75	C	Benzyl Chloride	5.000	5.107	-2.1	99	-0.04
76		1,3-dichlorobenzene	5.000	5.972	-19.4	103	-0.03
77	C	1,4-dichlorobenzene	5.000	5.928	-18.6	105	-0.03
78		sec-butylbenzene	5.000	5.177	-3.5	97	-0.04
80		p-isopropyltoluene	5.000	5.245	-4.9	90	-0.03
81		1,2-dichlorobenzene	5.000	5.763	-15.3	104	-0.02

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-3,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
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)
82	n-butylbenzene	5.000	5.478	-9.6	101	-0.02
83	1,2-dibromo-3-chloropropane	5.000	5.767	-15.3	94	0.00
84 C	1,2,4-trichlorobenzene	5.000	6.829	-36.6#	115	0.02
85	naphthalene	5.000	5.943	-18.9	102	0.02
86	1,2,3-trichlorobenzene	5.000	5.715	-14.3	103	0.02
87 C	hexachlorobutadiene	5.000	6.151	-23.0	112	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 3

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-3,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.783	49	255556	10.000	ppbV	0.02
Standard Area = 255556			Recovery = 100.00%			
34) 1,4-difluorobenzene	11.003	114	912824	10.000	ppbV	0.02
Standard Area = 912824			Recovery = 100.00%			
52) chlorobenzene-D5	15.767	54	110427	10.000	ppbV #	0.02
Standard Area = 110427			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.856	85	178136	4.582	ppbV	99
5) chloromethane	4.012	50	72675	3.955	ppbV	98
6) Freon-114	4.114	85	213175	4.504	ppbV	96
7) vinyl chloride	4.228	62	93690	3.883	ppbV	99
9) bromomethane	4.630	94	85307	4.514	ppbV	96
10) chloroethane	4.804	64	45457	3.850	ppbV	100
11) ethanol	4.930	31	330608	17.973	ppbV #	85
15) trichlorofluoromethane	5.613	101	185521	4.660	ppbV	96
18) 1,1-dichloroethene	6.288	61	147953	4.326	ppbV	97
19) tertiary butyl alcohol	6.330	59	149729	3.757	ppbV	94
20) methylene chloride	6.426	49	101544	4.710	ppbV	93
23) Freon 113	6.726	101	212580	4.866	ppbV	95
24) trans-1,2-dichloroethene	7.450	61	143494	4.449	ppbV	93
25) 1,1-dichloroethane	7.667	63	182906	4.264	ppbV	99
26) MTBE	7.733	73	216995	4.808	ppbV	96
28) 2-butanone	8.100	43	175427	4.651	ppbV	98
29) cis-1,2-dichloroethene	8.608	61	138532	4.158	ppbV	92
31) chloroform	8.942	83	179696	4.673	ppbV	99
33) 1,2-dichloroethane	9.767	62	107276	4.235	ppbV	99
35) hexane	8.858	57	164471	3.931	ppbV	94
37) 1,1,1-trichloroethane	10.050	97	161305	3.939	ppbV	97
38) benzene	10.577	78	346074	4.330	ppbV	95
39) carbon tetrachloride	10.750	117	163658	4.665	ppbV	99
40) cyclohexane	10.890	56	173047	4.065	ppbV	91
42) 1,2-dichloropropane	11.517	63	128047	3.837	ppbV	99
43) bromodichloromethane	11.743	83	184553	4.699	ppbV	100
44) 1,4-dioxane	11.783	88	73086	4.709	ppbV	92
45) trichloroethene	11.797	130	178522	4.318	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-3,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

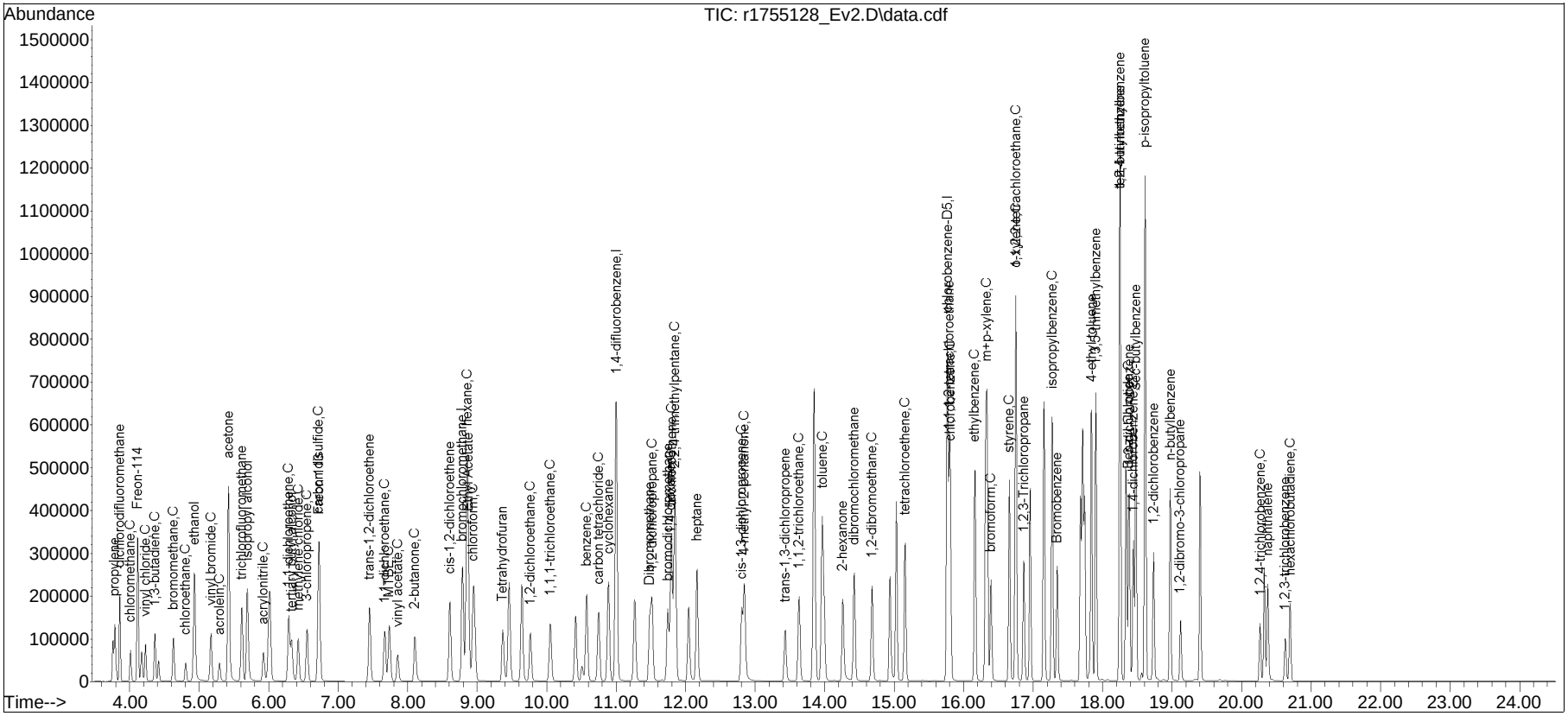
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2,2,4-trimethylpentane	11.843	57	540765	4.143	ppbV		97
47) heptane	12.163	43	192127	4.420	ppbV		95
48) cis-1,3-dichloropropene	12.808	75	177676	5.363	ppbV		93
49) 4-methyl-2-pentanone	12.842	43	211938	4.246	ppbV		96
50) trans-1,3-dichloropropene	13.433	75	123960	5.780	ppbV		95
51) 1,1,2-trichloroethane	13.633	97	144516	4.249	ppbV		96
53) toluene	13.967	91	415209	4.811	ppbV		99
56) dibromochloromethane	14.425	129	220375	5.665	ppbV		98
57) 1,2-dibromoethane	14.683	107	215471	5.768	ppbV		99
58) tetrachloroethene	15.158	166	179516	5.373	ppbV		94
60) chlorobenzene	15.808	112	352621	5.260	ppbV		96
61) ethylbenzene	16.158	91	520334	4.762	ppbV		95
62) m+p-xylene	16.333	91	846946	9.951	ppbV		89
63) bromoform	16.392	173	169348	6.330	ppbV		99
64) styrene	16.658	104	344601	5.861	ppbV		98
65) 1,1,2,2-tetrachloroethane	16.750	83	291408	5.139	ppbV		100
66) o-xylene	16.750	91	420634	4.867	ppbV		90
72) 1,3,5-trimethylbenzene	17.900	105	490851	5.655	ppbV		97
74) 1,2,4-trimethylbenzene	18.250	105	487925	5.640	ppbV	#	88
75) Benzyl Chloride	18.375	91	209679	3.946	ppbV		96
76) 1,3-dichlorobenzene	18.383	146	302983	5.696	ppbV		95
77) 1,4-dichlorobenzene	18.442	146	294713	5.506	ppbV		95
81) 1,2-dichlorobenzene	18.733	146	282142	5.001	ppbV	#	91
84) 1,2,4-trichlorobenzene	20.267	180	144376	4.617	ppbV		98
85) naphthalene	20.375	128	347472M4	3.497	ppbV		
87) hexachlorobutadiene	20.700	225	151195	4.694	ppbV		99

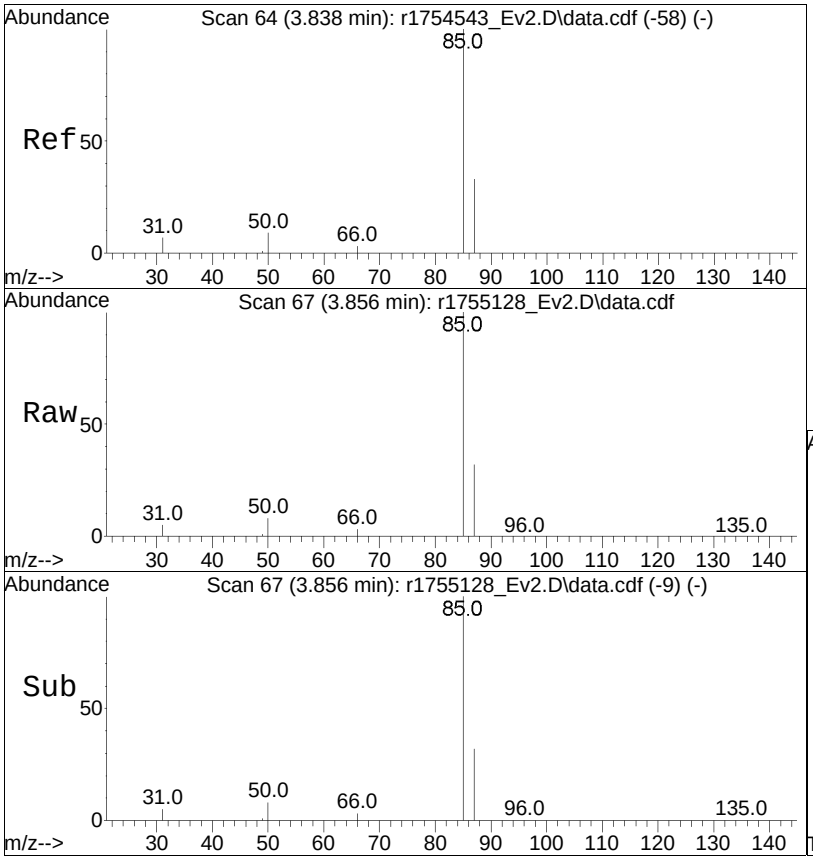
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755128_Ev2.D
Acq On : 27 Mar 2026 2:26 PM
Operator : AIRLAB17:SL
Sample : WG2190695-3,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 27 14:57:47 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:52 2026
Response via : Initial Calibration

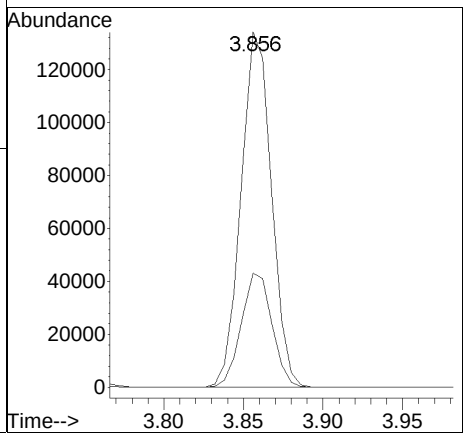


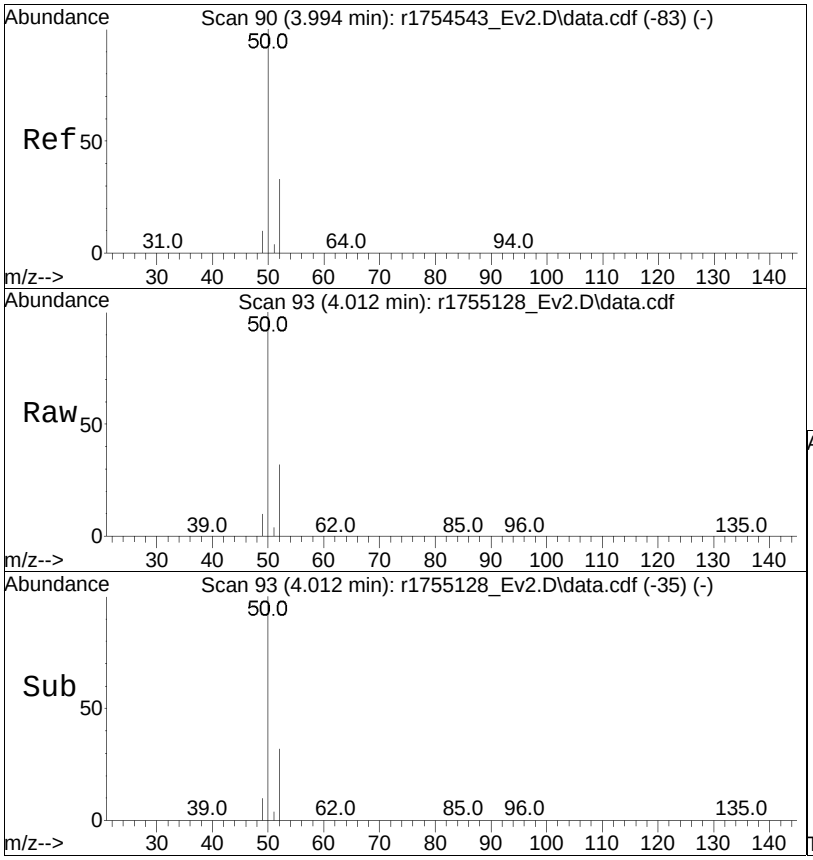


#4
dichlorodifluoromethane
Concen: 4.58 ppbV
RT: 3.856 min Scan# 67
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 85 Resp: 178136

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.2	39.4

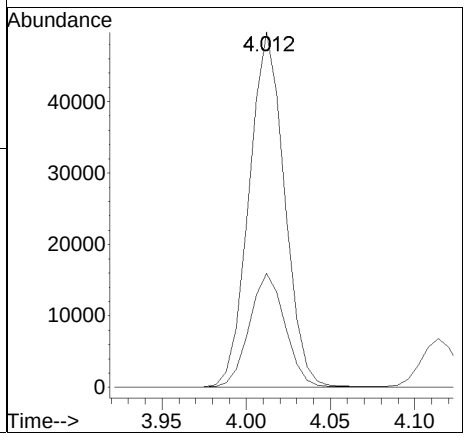


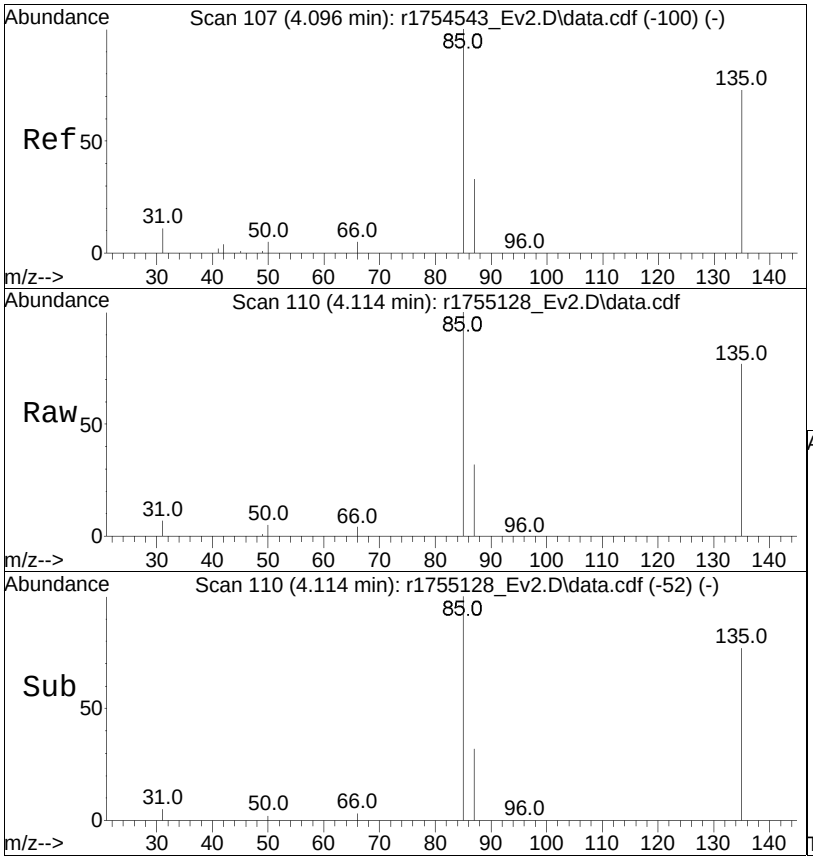


#5
chloromethane
Concen: 3.95 ppbV
RT: 4.012 min Scan# 93
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 50 Resp: 72675

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.6	39.8

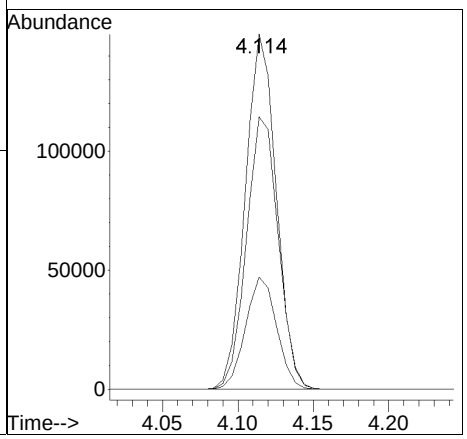


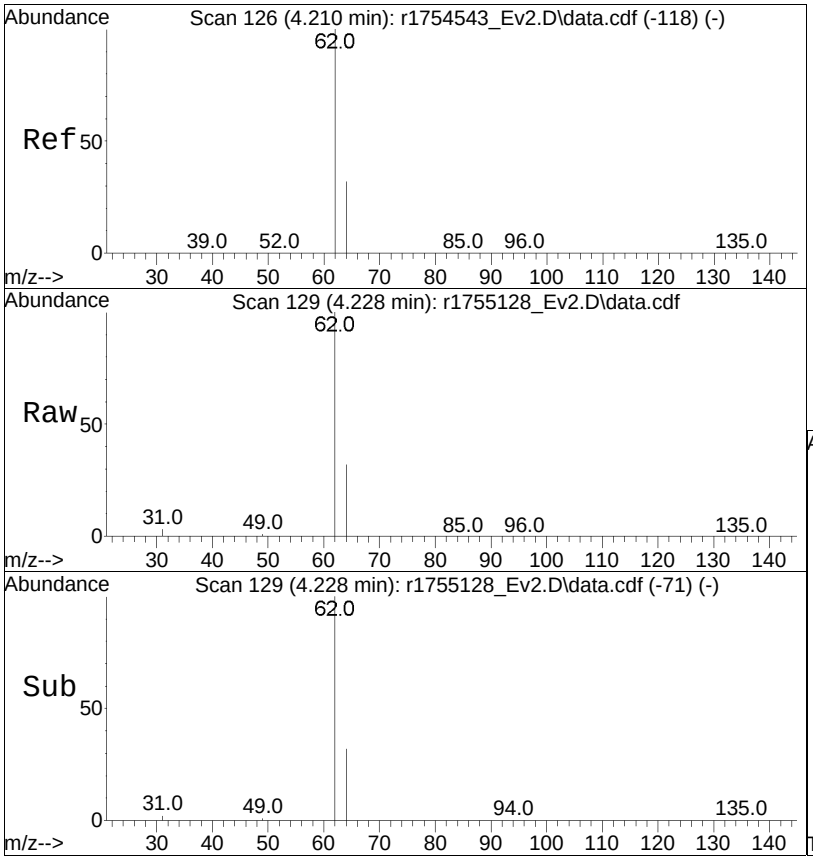


#6
Freon-114
Concen: 4.50 ppbV
RT: 4.114 min Scan# 110
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 85 Resp: 213175

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.2	39.4
135	76.7	58.1	87.1

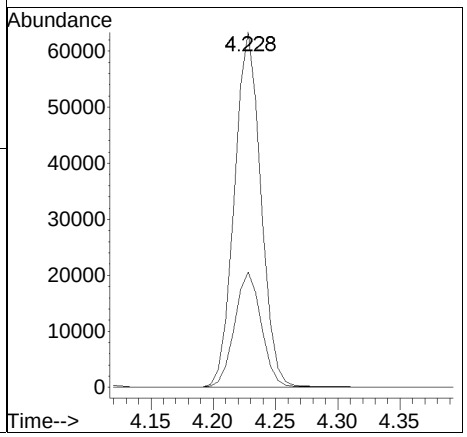


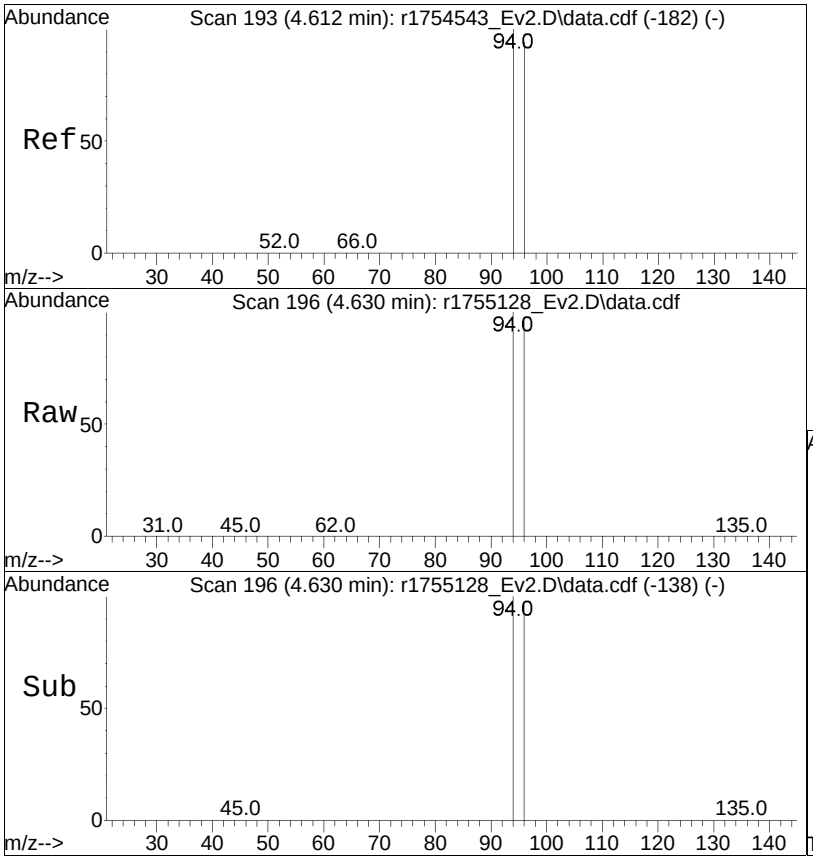


#7
vinyl chloride
Concen: 3.88 ppbV
RT: 4.228 min Scan# 129
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 62 Resp: 93690

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.6	38.4

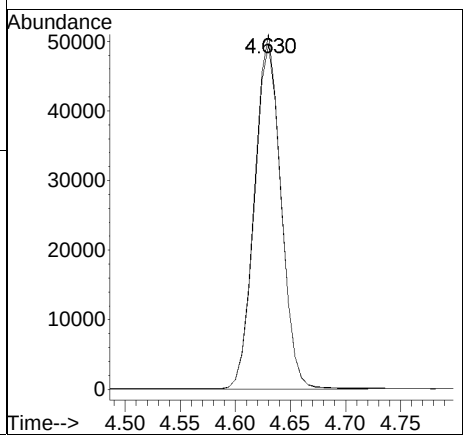


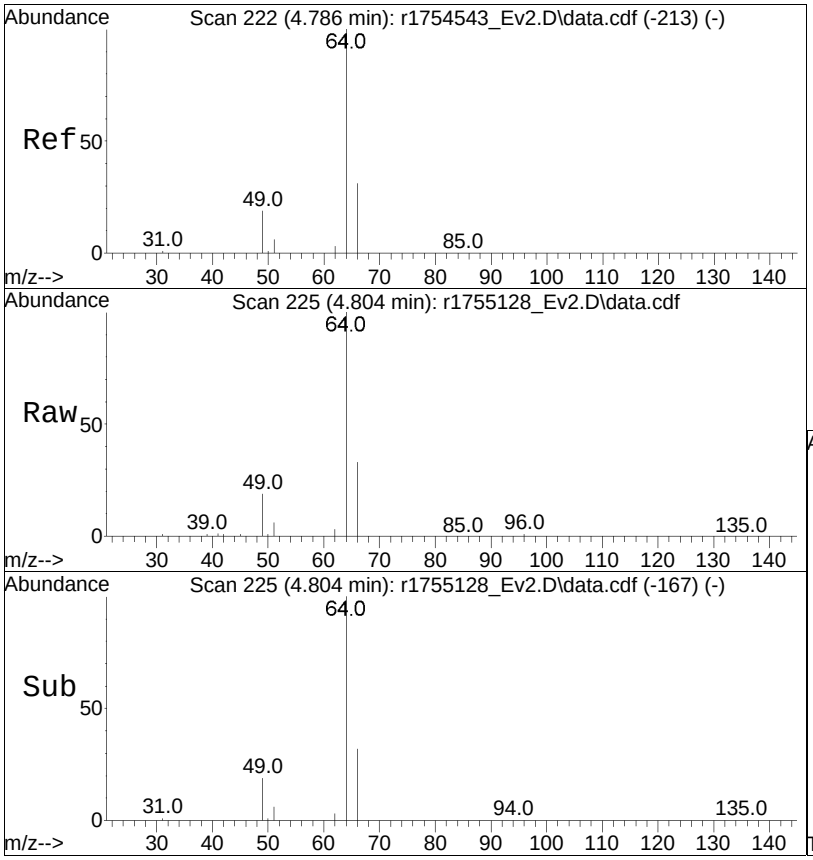


#9
bromomethane
Concen: 4.51 ppbV
RT: 4.630 min Scan# 196
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 94 Resp: 85307

Ion	Ratio	Lower	Upper
94	100		
96	97.0	74.9	112.3

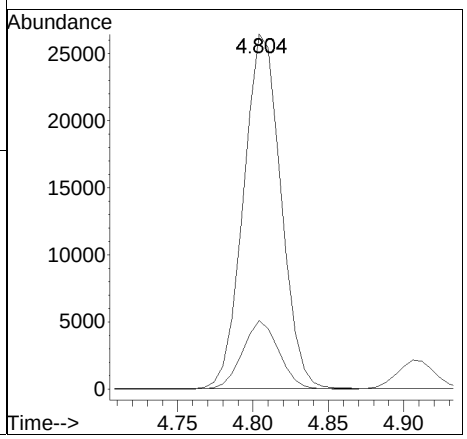


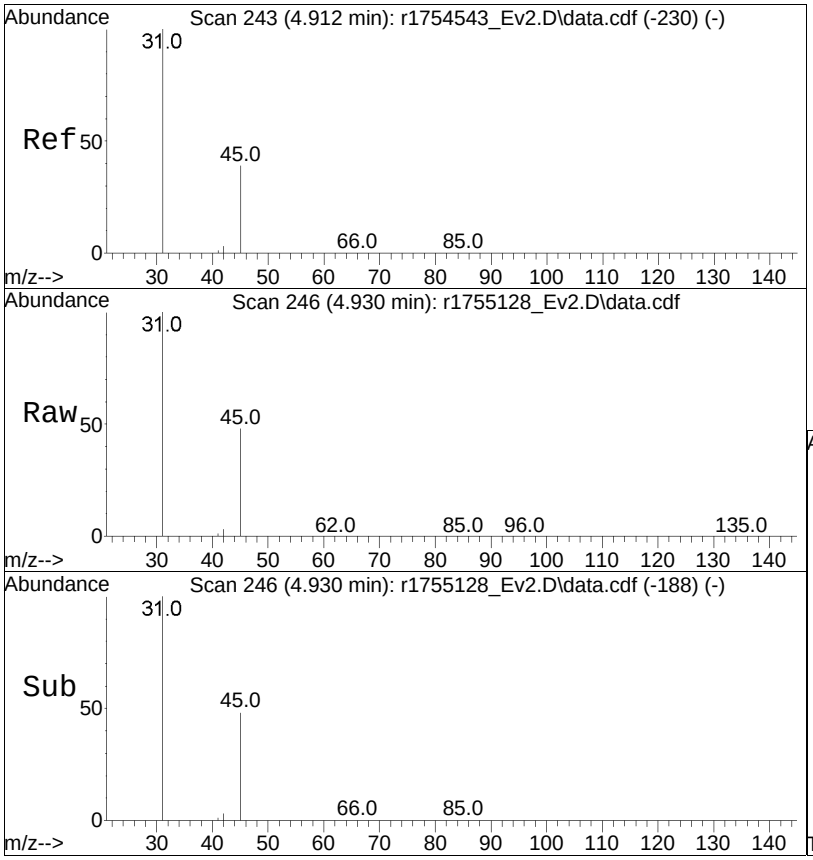


#10
chloroethane
Concen: 3.85 ppbV
RT: 4.804 min Scan# 225
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 64 Resp: 45457

Ion	Ratio	Lower	Upper
64	100		
49	19.3	15.4	23.2

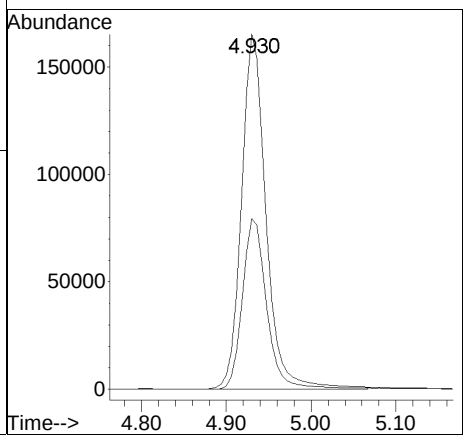


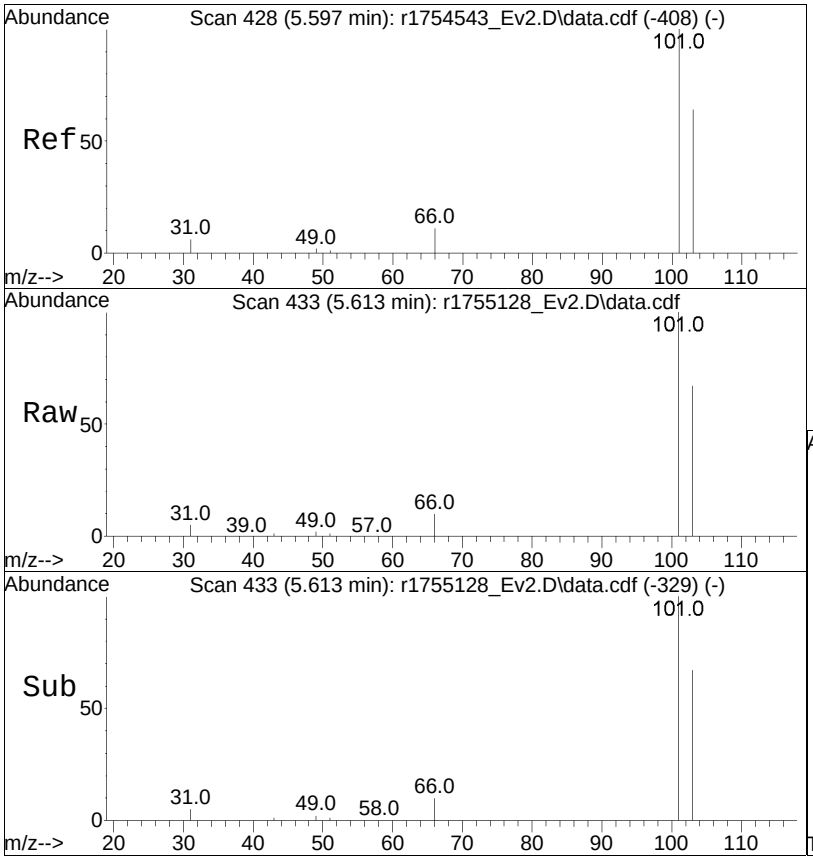


#11
ethanol
Concen: 17.97 ppbV
RT: 4.930 min Scan# 246
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 31 Resp: 330608

Ion	Ratio	Lower	Upper
31	100		
45	48.1	31.0	46.4#

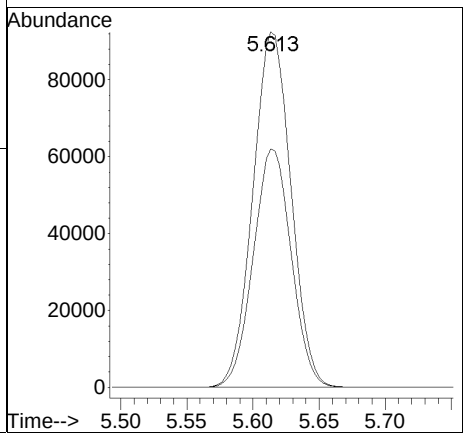


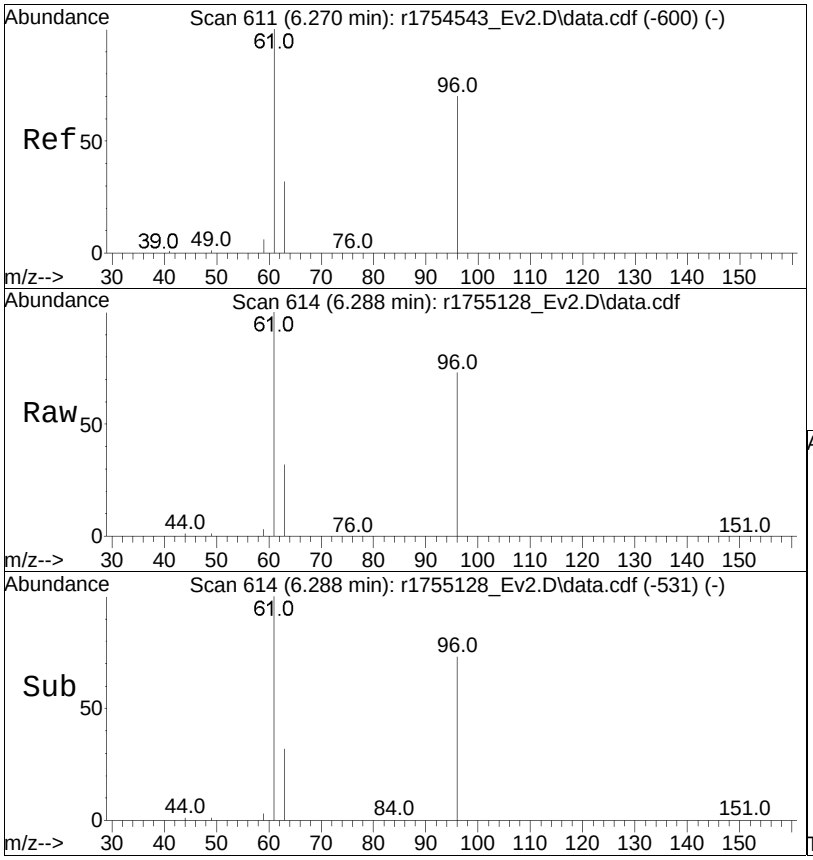


#15
trichlorofluoromethane
Concen: 4.66 ppbV
RT: 5.613 min Scan# 433
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:101 Resp: 185521

Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.4	77.0

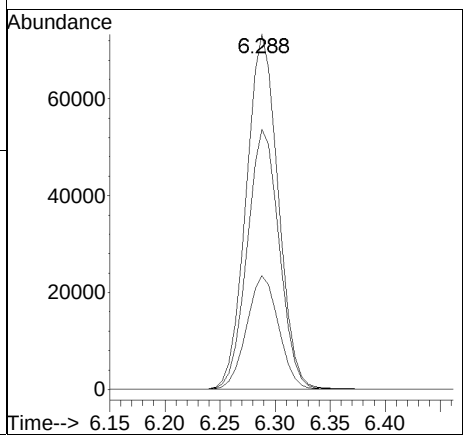


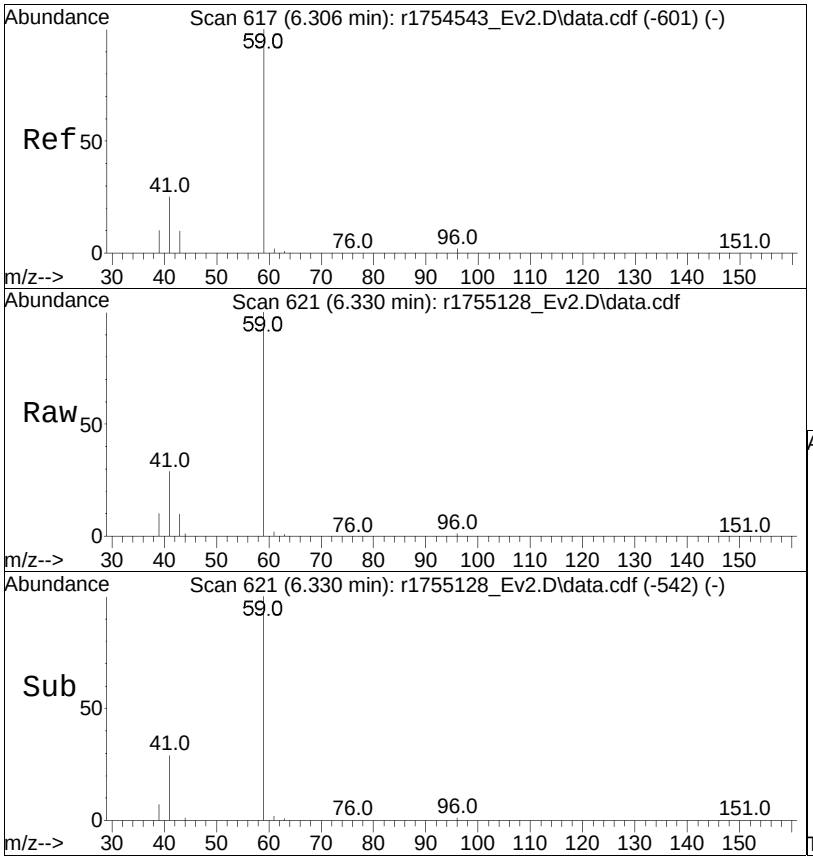


#18
1,1-dichloroethene
Concen: 4.33 ppbV
RT: 6.288 min Scan# 614
Delta R.T. 0.018 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 61 Resp: 147953

Ion	Ratio	Lower	Upper
61	100		
96	73.2	56.2	84.4
63	32.0	25.4	38.0

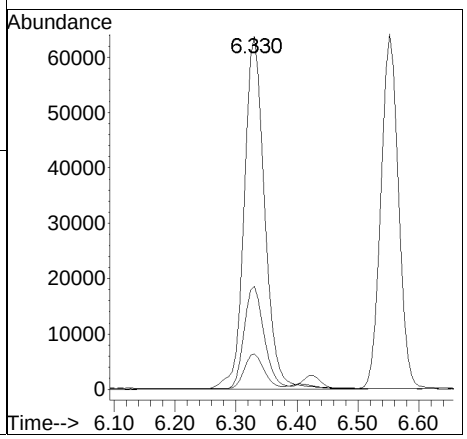


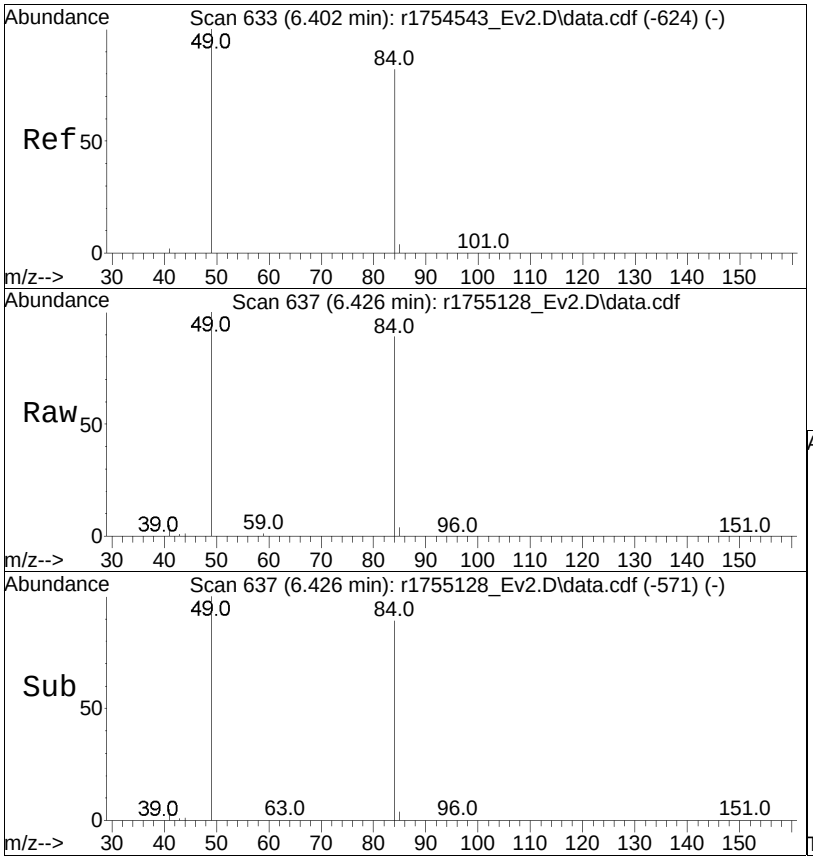


#19
tertiary butyl alcohol
Concen: 3.76 ppbV
RT: 6.330 min Scan# 621
Delta R.T. 0.024 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 59 Resp: 149729

Ion	Ratio	Lower	Upper
59	100		
41	28.4	19.8	29.6
43	9.5	7.4	11.0

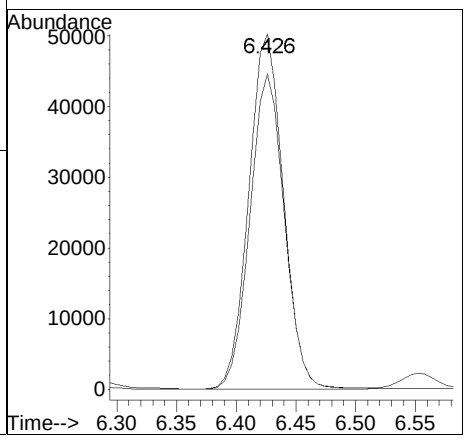


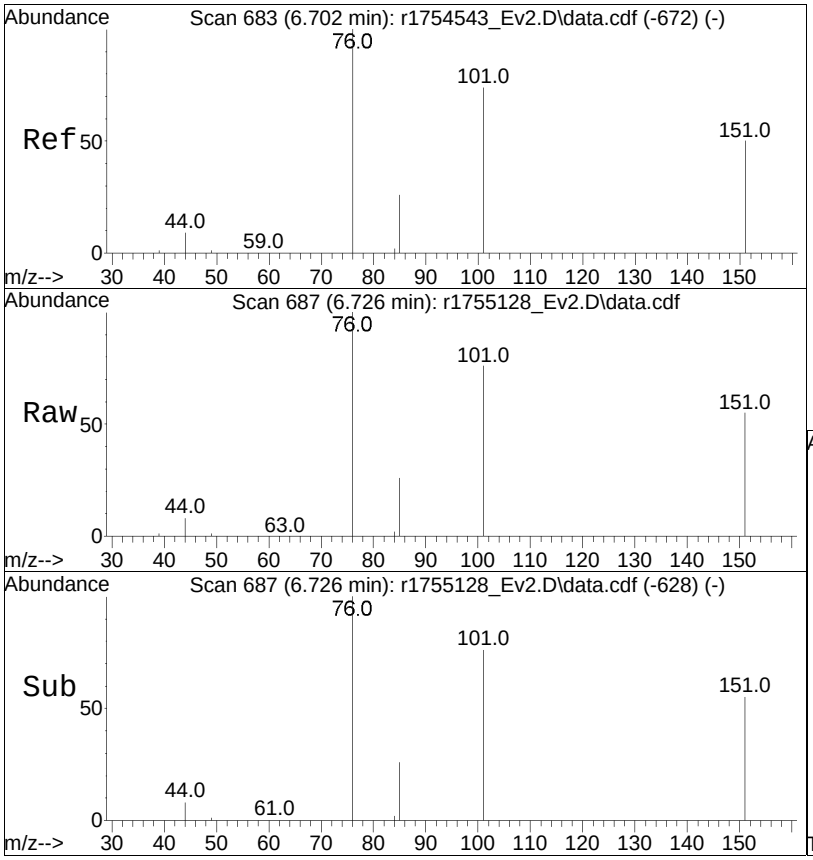


#20
methylene chloride
Concen: 4.71 ppbV
RT: 6.426 min Scan# 637
Delta R.T. 0.024 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 49 Resp: 101544

Ion	Ratio	Lower	Upper
49	100		
84	88.8	65.9	98.9

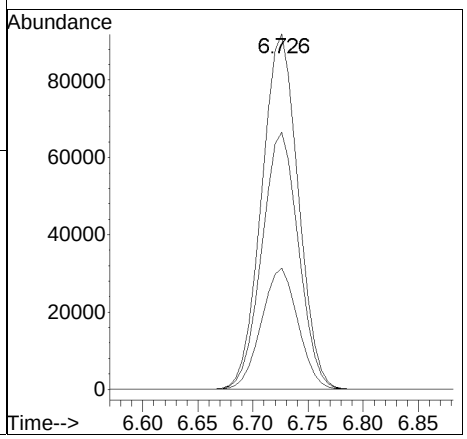


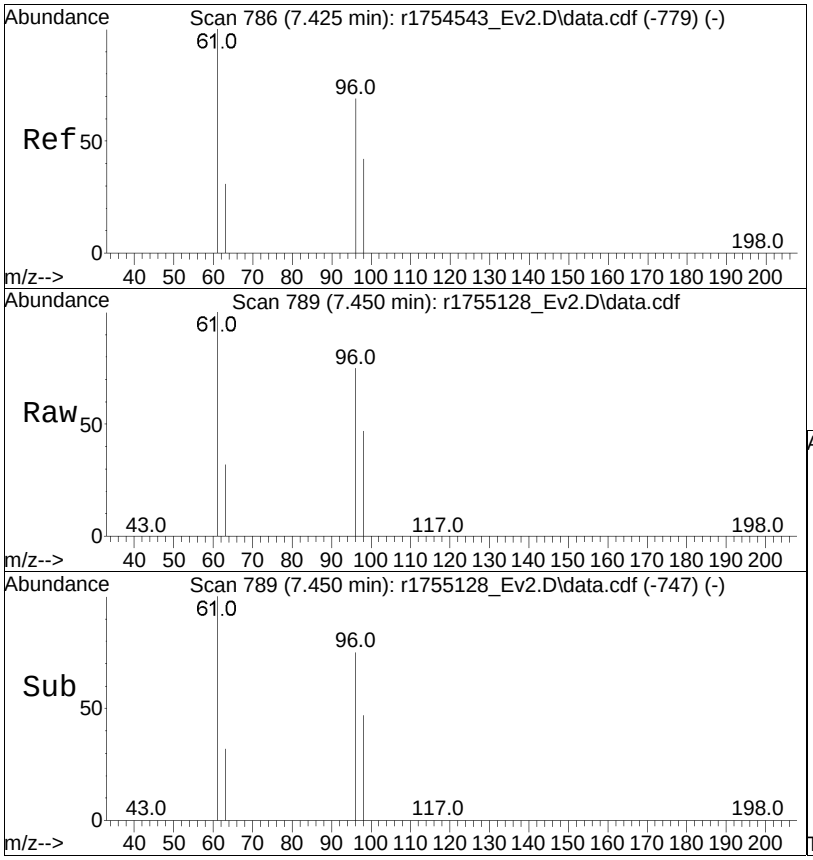


#23
Freon 113
Concen: 4.87 ppbV
RT: 6.726 min Scan# 687
Delta R.T. 0.024 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:101 Resp: 212580

Ion	Ratio	Lower	Upper
101	100		
85	34.2	27.5	41.3
151	72.4	53.4	80.0

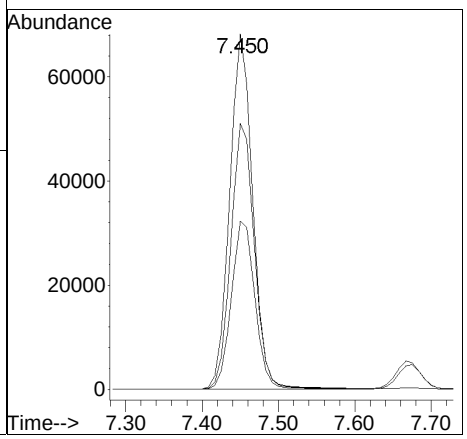


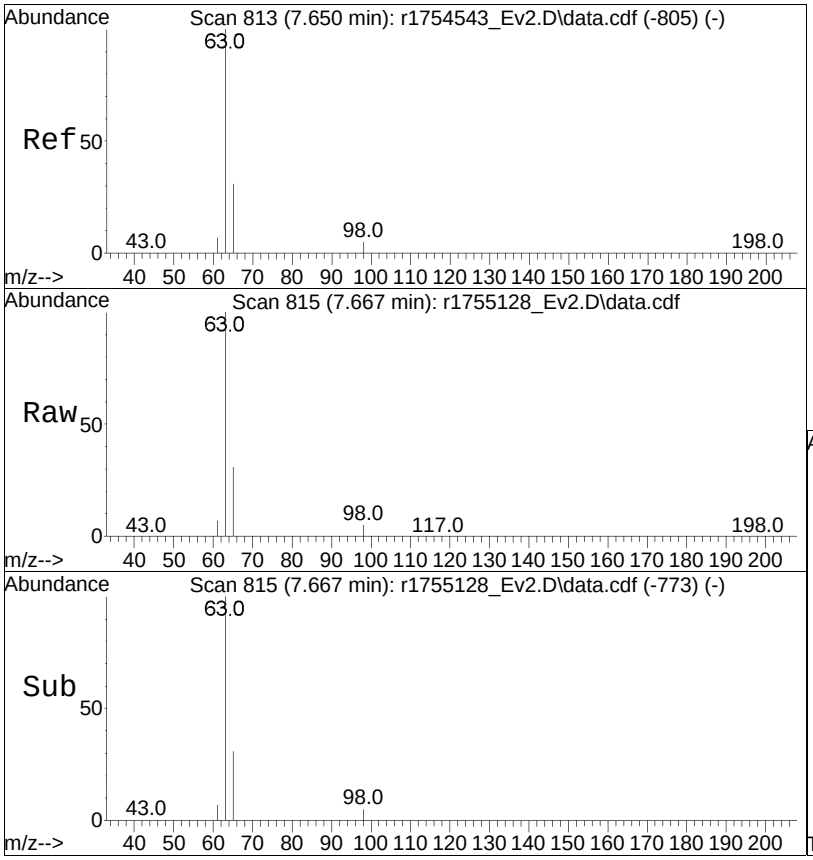


#24
trans-1,2-dichloroethene
Concen: 4.45 ppbV
RT: 7.450 min Scan# 789
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 61 Resp: 143494

Ion	Ratio	Lower	Upper
61	100		
96	74.8	55.3	82.9
98	47.3	33.9	50.9

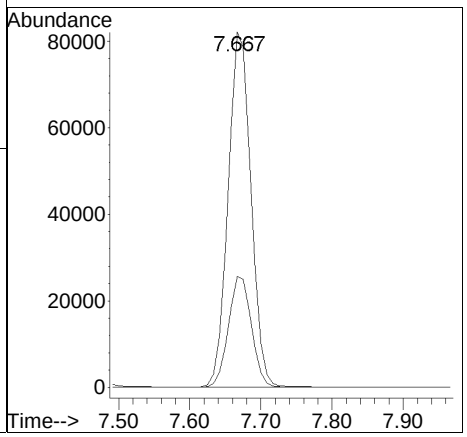


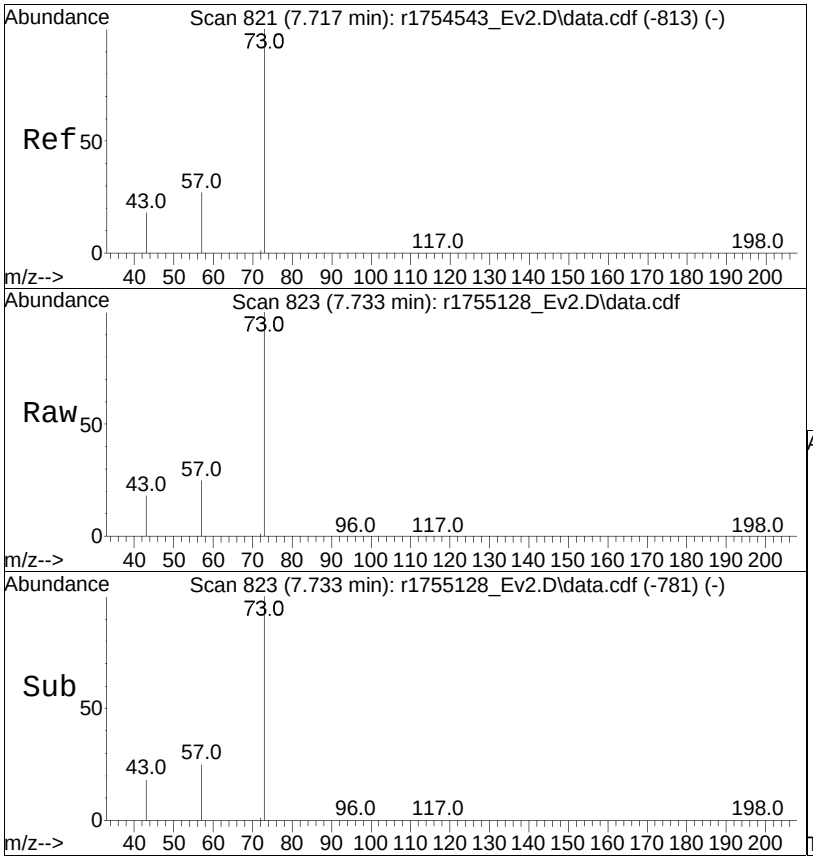


#25
1,1-dichloroethane
Concen: 4.26 ppbV
RT: 7.667 min Scan# 815
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 63 Resp: 182906

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

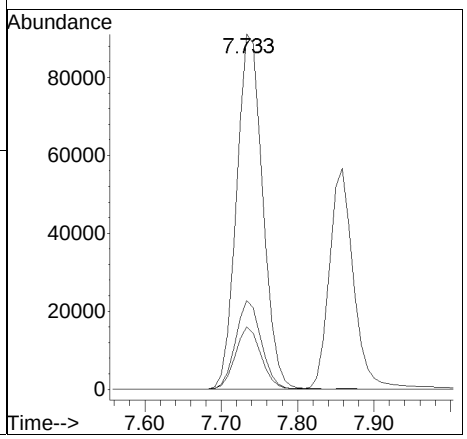


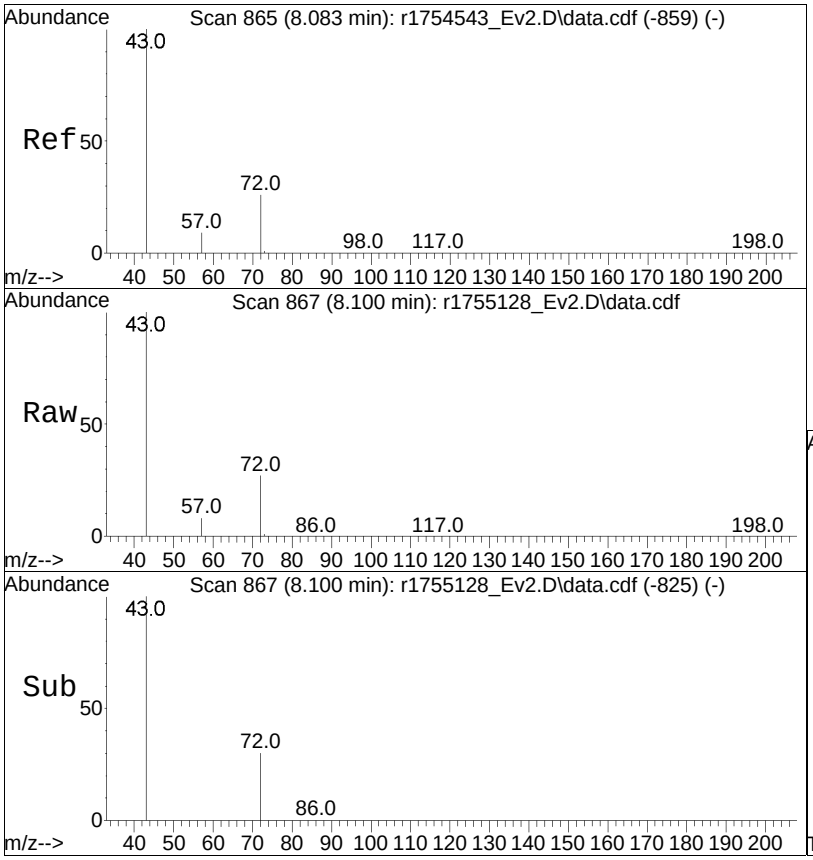


#26
MTBE
Concen: 4.81 ppbV
RT: 7.733 min Scan# 823
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 73 Resp: 216995

Ion	Ratio	Lower	Upper
73	100		
57	25.1	22.0	33.0
43	17.6	14.8	22.2

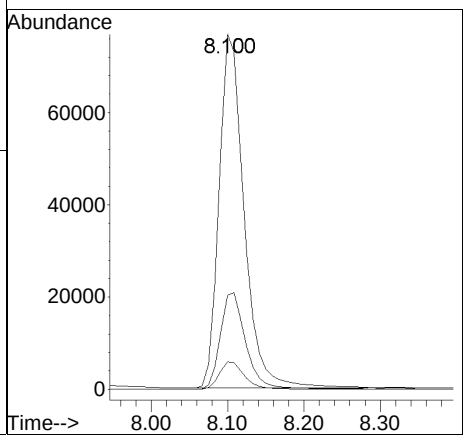


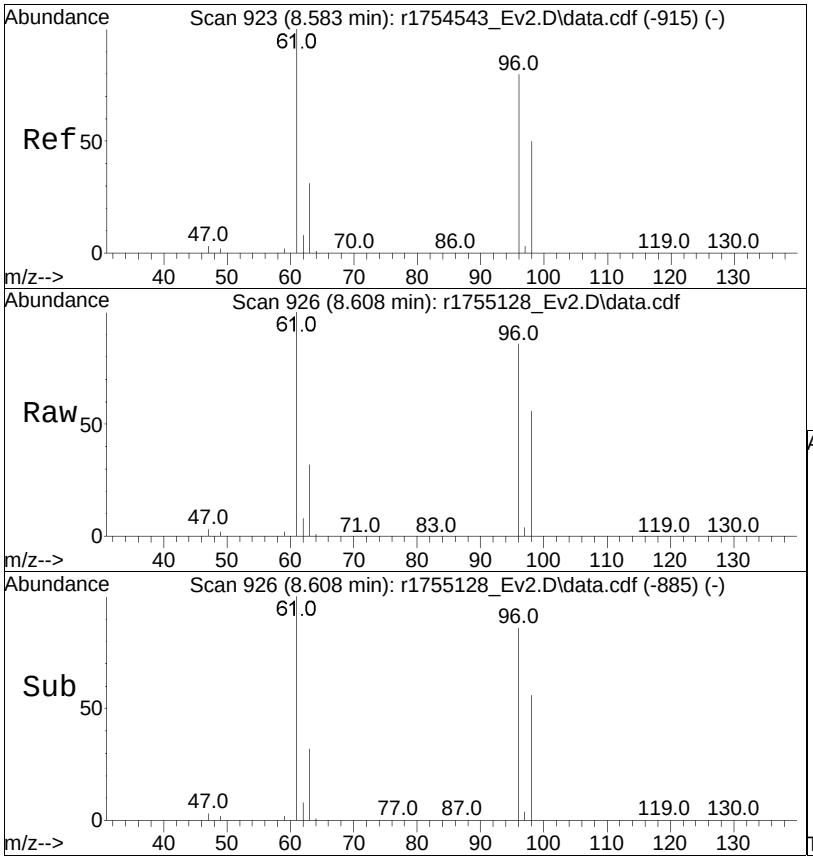


#28
2-butanone
Concen: 4.65 ppbV
RT: 8.100 min Scan# 867
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 43 Resp: 175427

Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.7	31.1
57	7.8	6.9	10.3

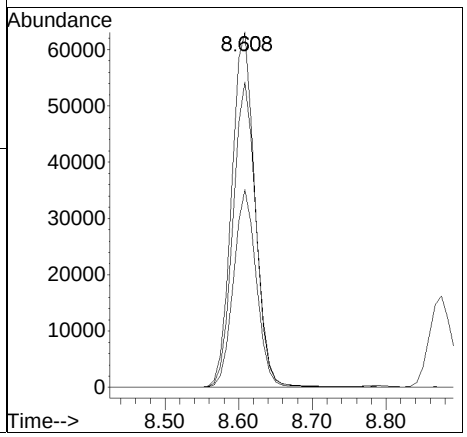


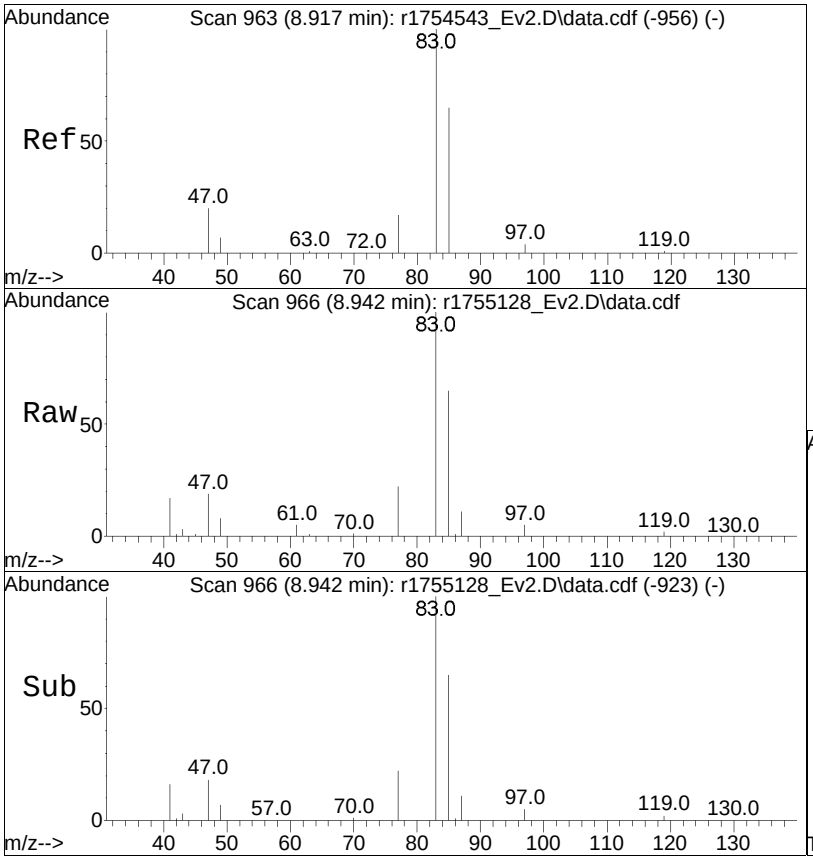


#29
cis-1,2-dichloroethene
Concen: 4.16 ppbV
RT: 8.608 min Scan# 926
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 61 Resp: 138532

Ion	Ratio	Lower	Upper
61	100		
96	86.0	63.8	95.8
98	55.7	39.7	59.5

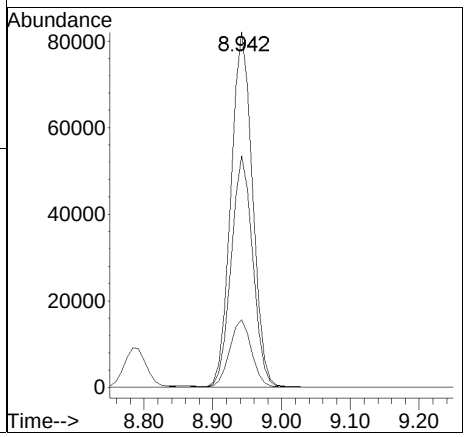


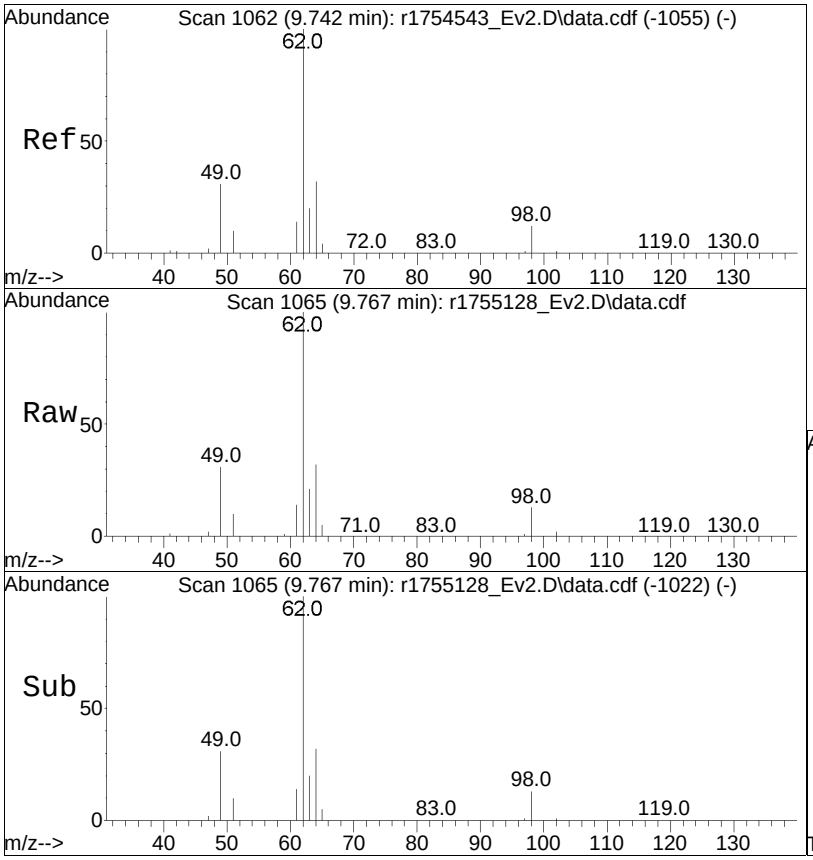


#31
chloroform
Concen: 4.67 ppbV
RT: 8.942 min Scan# 966
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 83 Resp: 179696

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.3	78.5
47	19.1	16.5	24.7

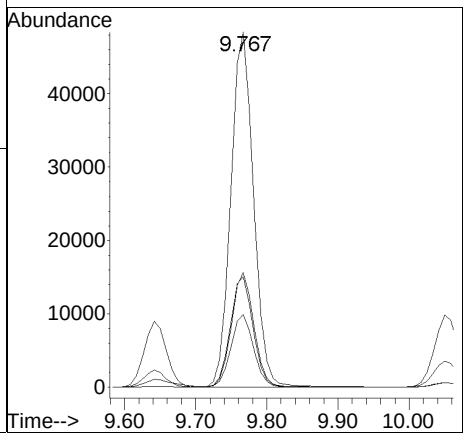


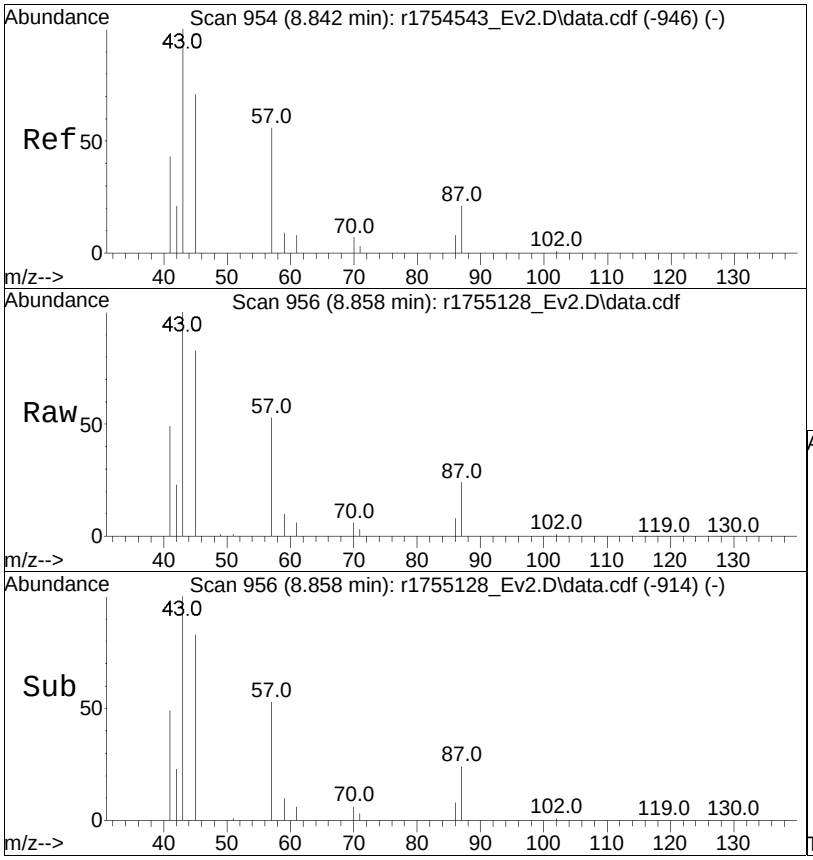


#33
1,2-dichloroethane
Concen: 4.24 ppbV
RT: 9.767 min Scan# 1065
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 62 Resp: 107276

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.4	38.2
49	31.2	24.6	37.0
63	20.5	15.9	23.9

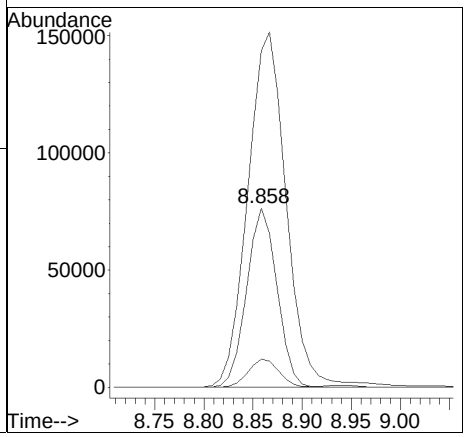


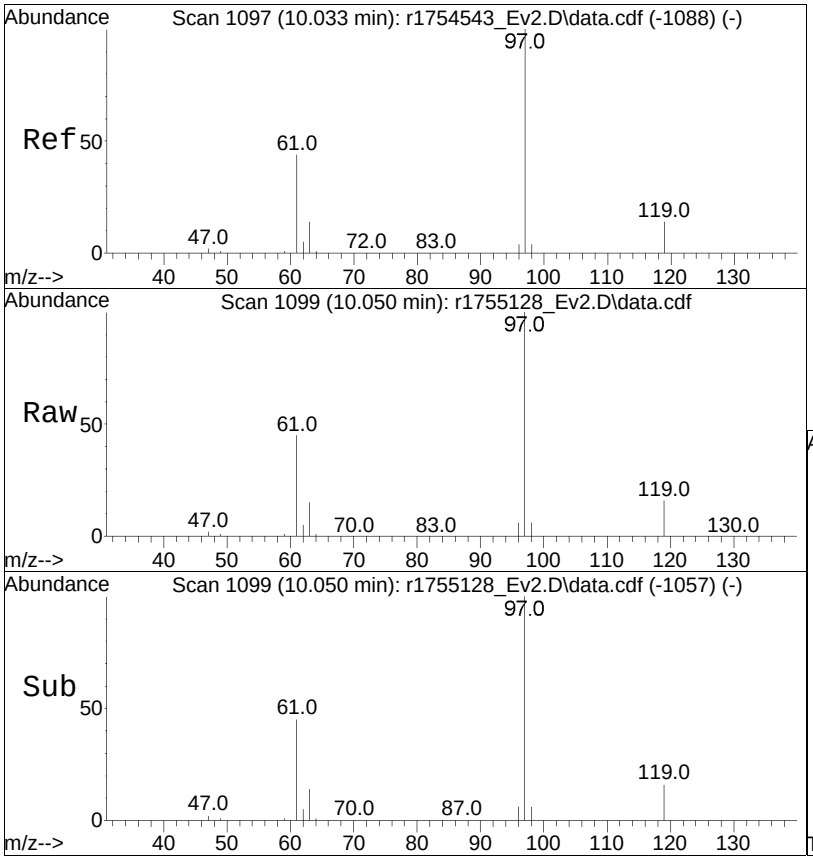


#35
hexane
Concen: 3.93 ppbV
RT: 8.858 min Scan# 956
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 57 Resp: 164471

Ion	Ratio	Lower	Upper
57	100		
43	187.8	143.4	215.2
86	15.8	11.9	17.9

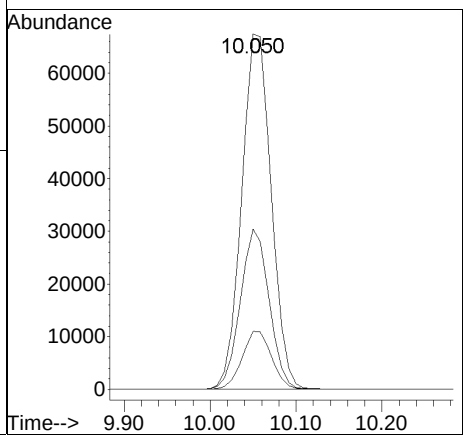


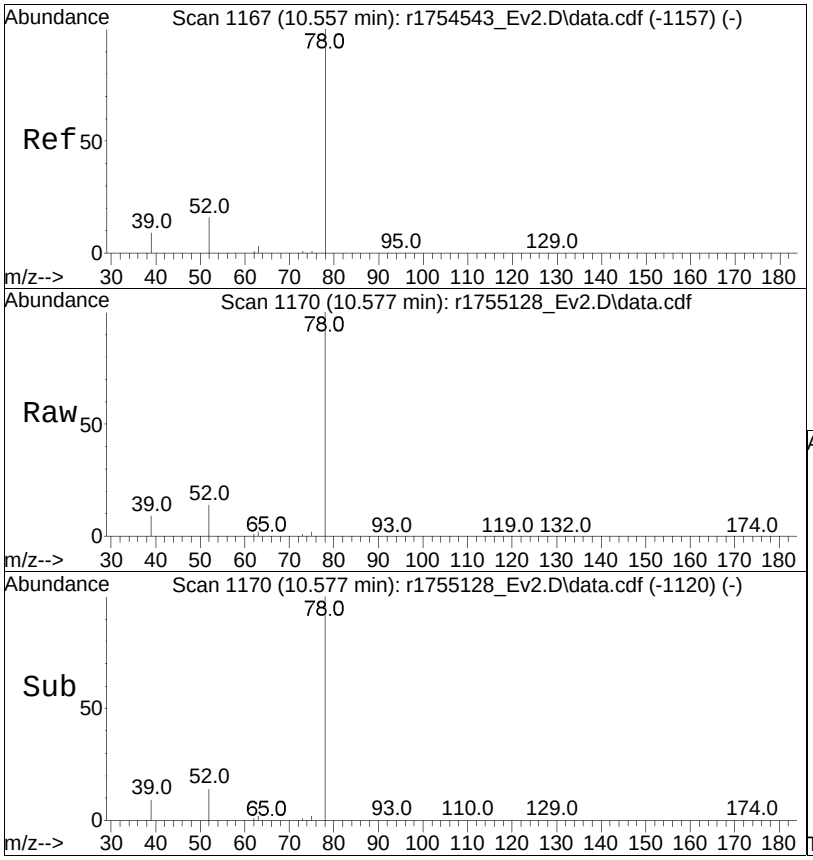


#37
1,1,1-trichloroethane
Concen: 3.94 ppbV
RT: 10.050 min Scan# 1099
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 97 Resp: 161305

Ion	Ratio	Lower	Upper
97	100		
61	45.1	35.3	52.9
119	16.4	11.2	16.8

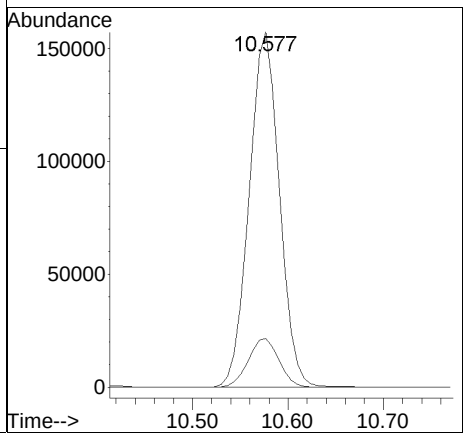


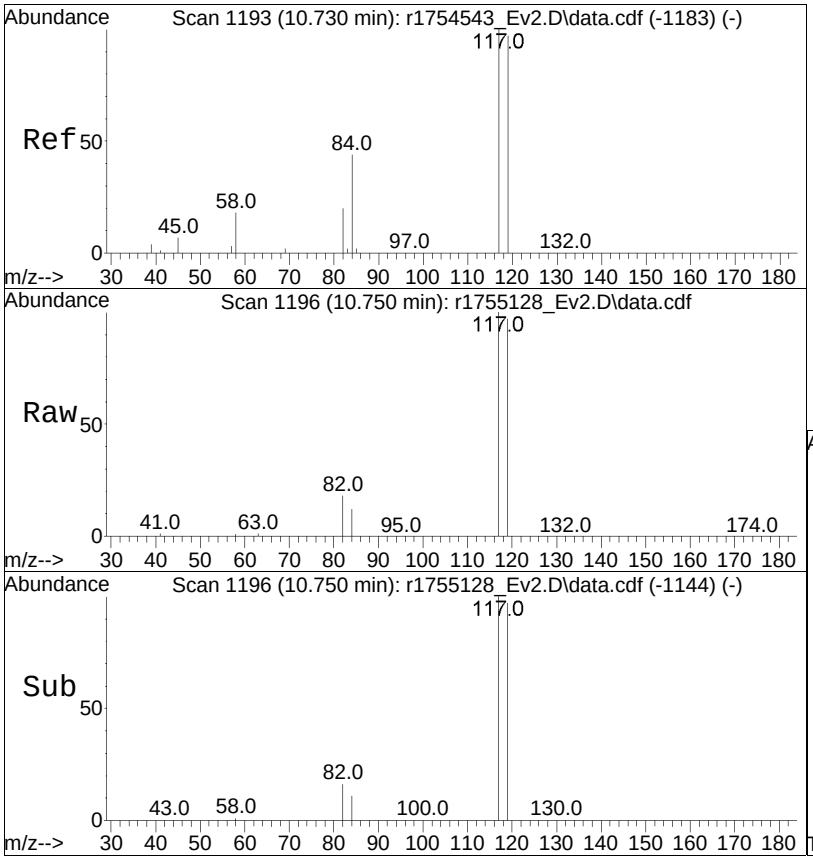


#38
benzene
Concen: 4.33 ppbV
RT: 10.577 min Scan# 1170
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 78 Resp: 346074

Ion	Ratio	Lower	Upper
78	100		
52	13.8	12.7	19.1

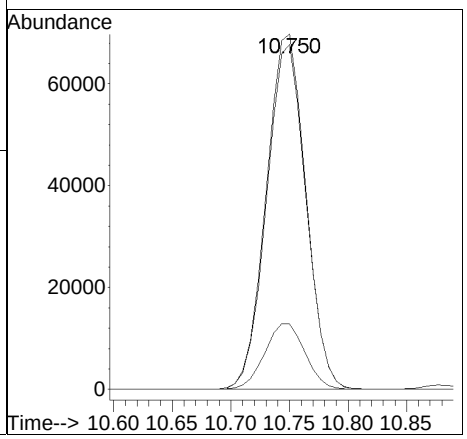


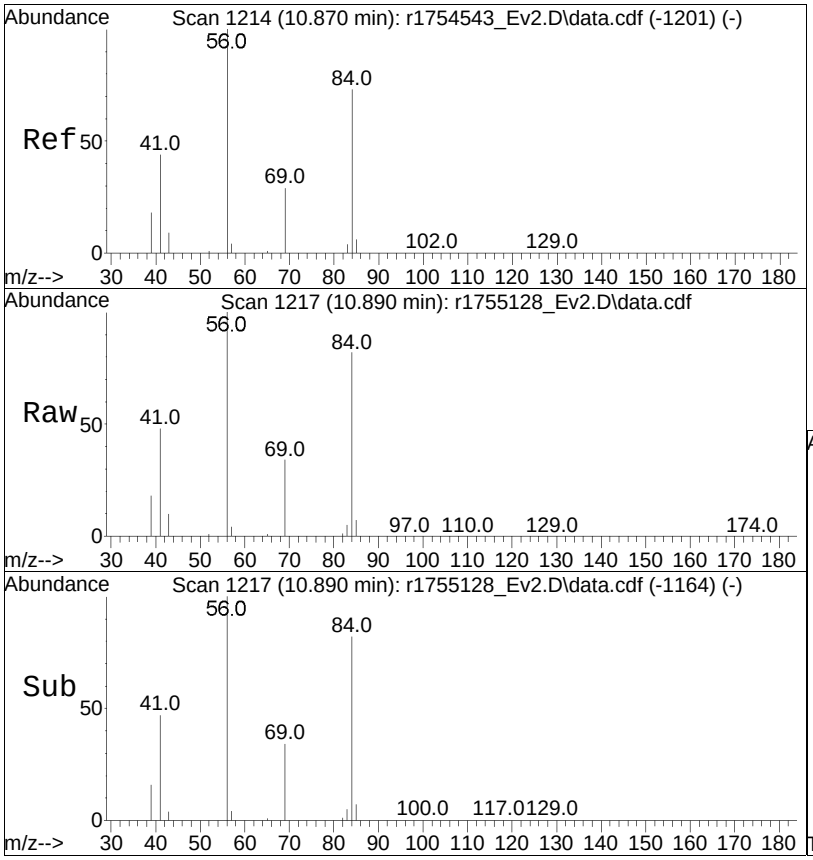


#39
carbon tetrachloride
Concen: 4.66 ppbV
RT: 10.750 min Scan# 1196
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:117 Resp: 163658

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.3	115.9
82	18.4	16.2	24.2

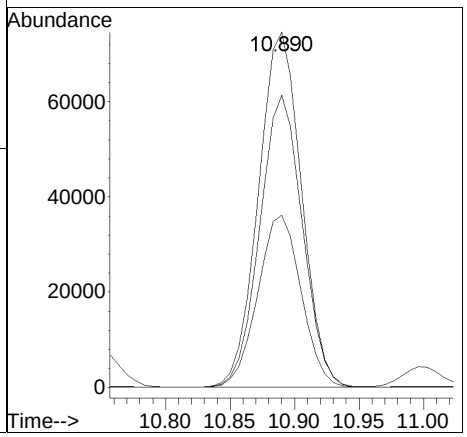


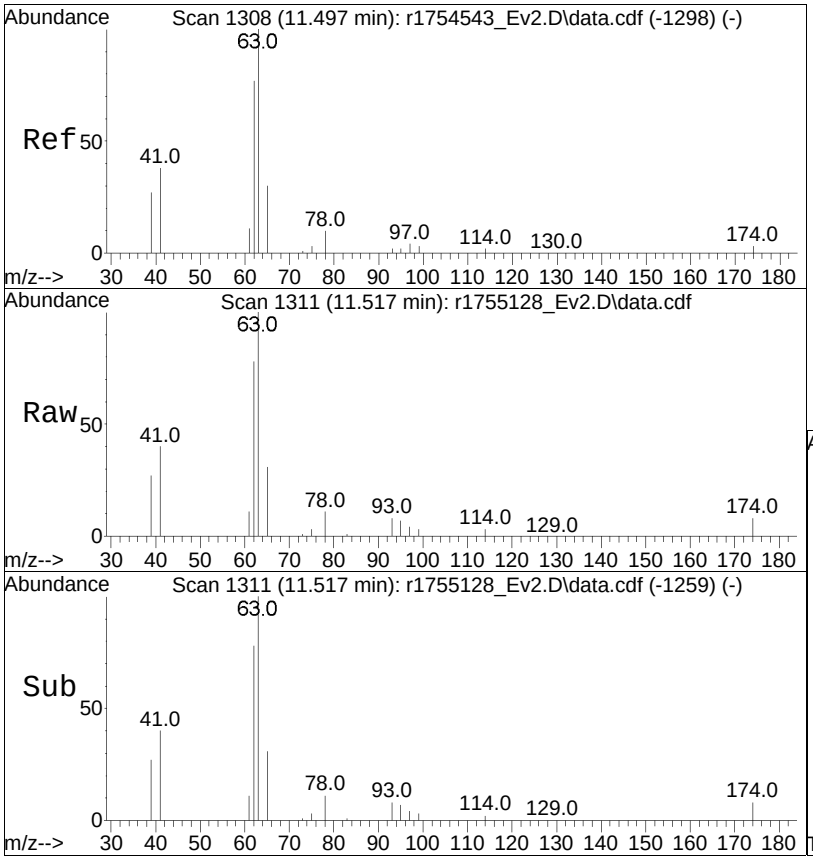


#40
cyclohexane
Concen: 4.07 ppbV
RT: 10.890 min Scan# 1217
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 56 Resp: 173047

Ion	Ratio	Lower	Upper
56	100		
84	82.2	58.6	87.8
41	48.5	35.6	53.4

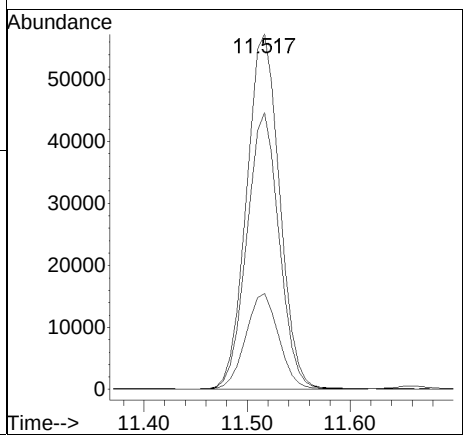


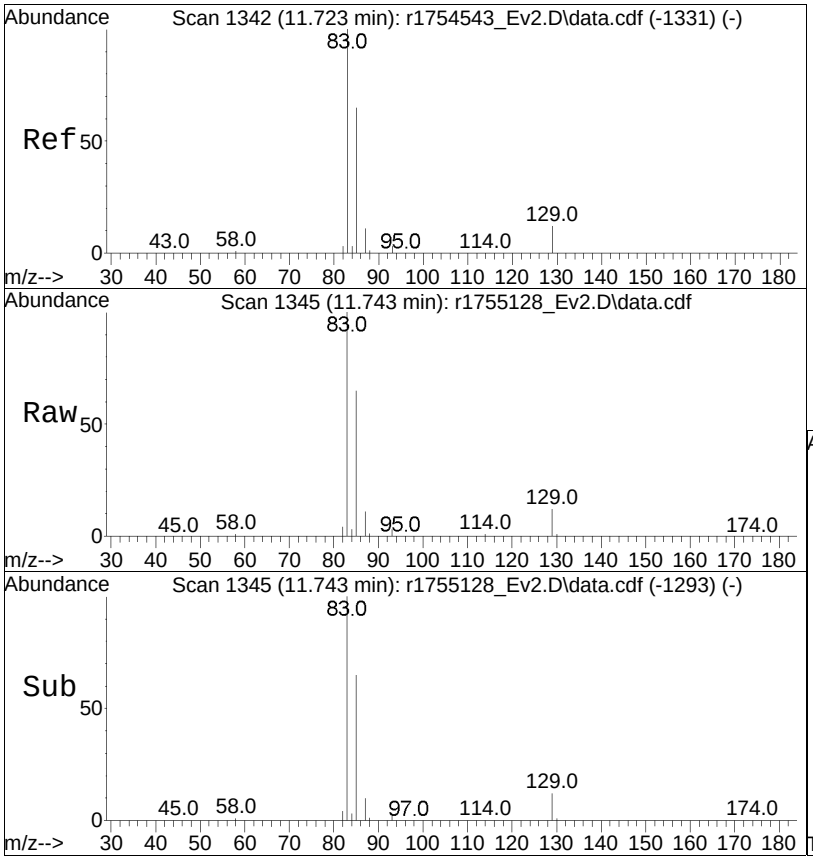


#42
1,2-dichloropropane
Concen: 3.84 ppbV
RT: 11.517 min Scan# 1311
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 63 Resp: 128047

Ion	Ratio	Lower	Upper
63	100		
62	77.9	61.5	92.3
39	27.0	22.2	33.2

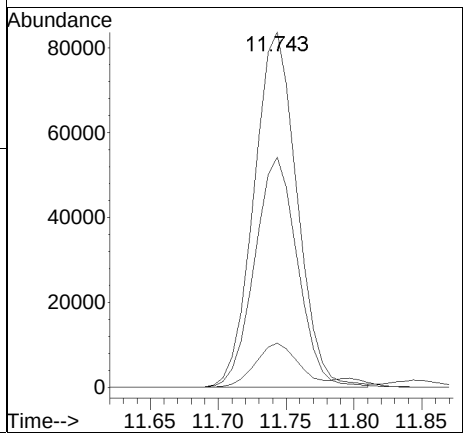


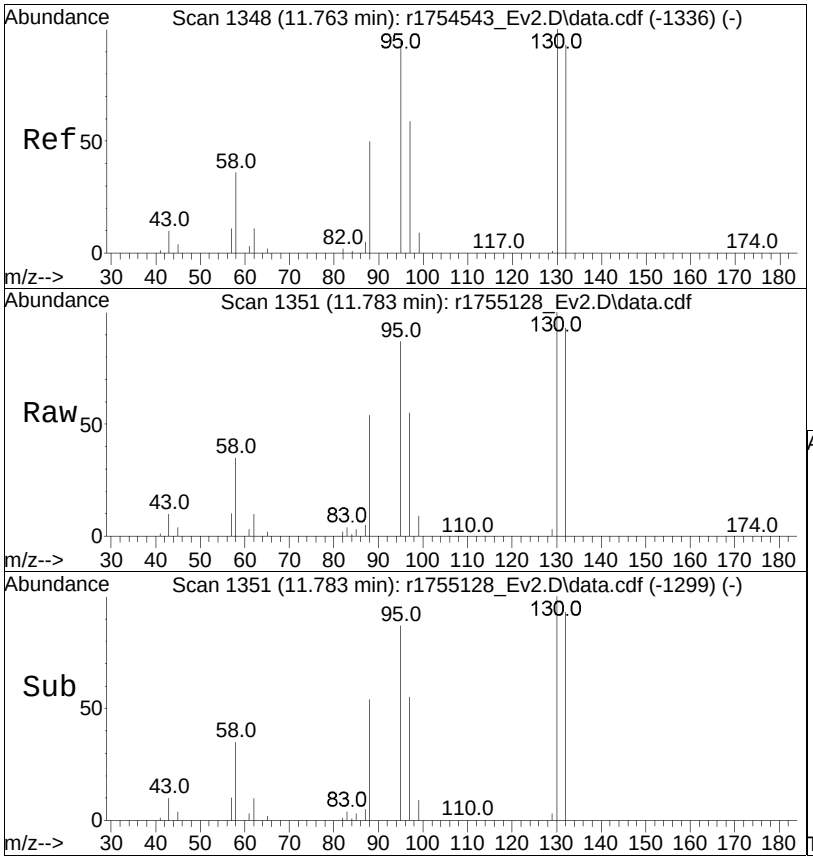


#43
bromodichloromethane
Concen: 4.70 ppbV
RT: 11.743 min Scan# 1345
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 83 Resp: 184553

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
129	12.5	9.9	14.9

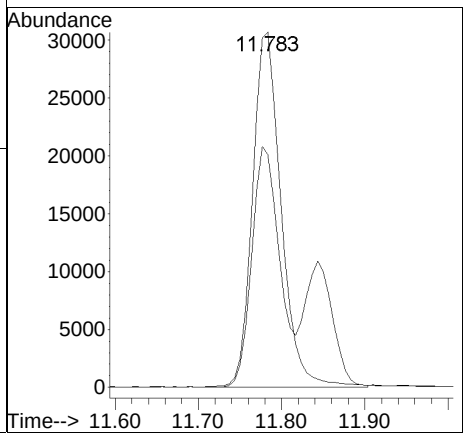


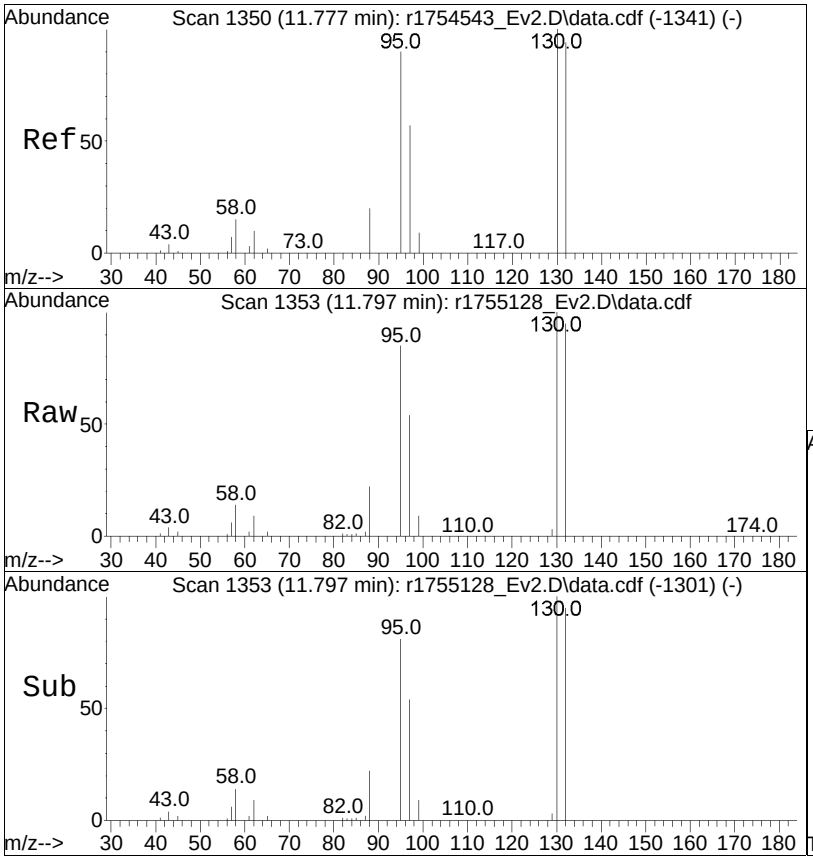


#44
1,4-dioxane
Concen: 4.71 ppbV
RT: 11.783 min Scan# 1351
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 88 Resp: 73086

Ion	Ratio	Lower	Upper
88	100		
58	65.5	57.7	86.5

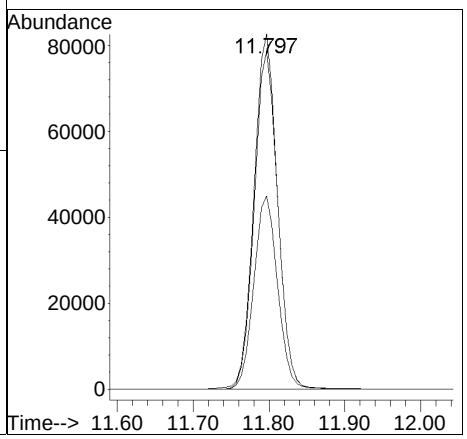


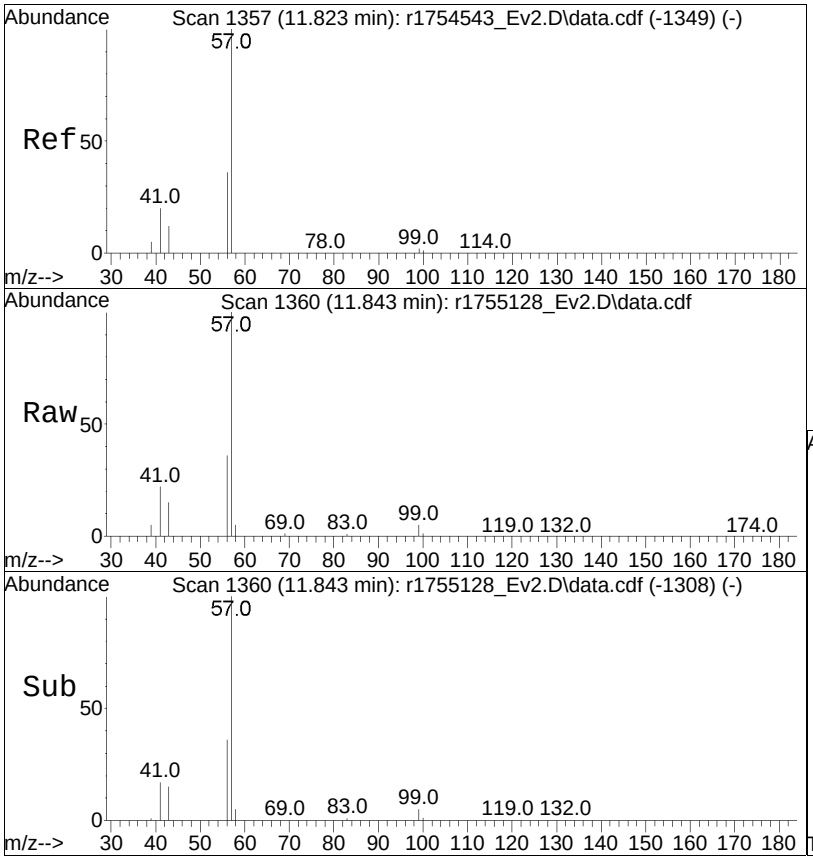


#45
trichloroethene
Concen: 4.32 ppbV
RT: 11.797 min Scan# 1353
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:130 Resp: 178522

Ion	Ratio	Lower	Upper
130	100		
132	95.2	75.0	112.4
97	54.4	45.4	68.2

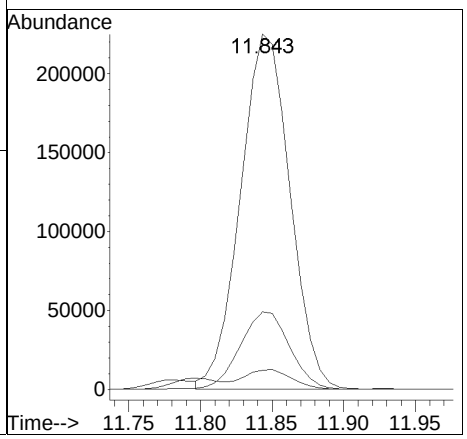


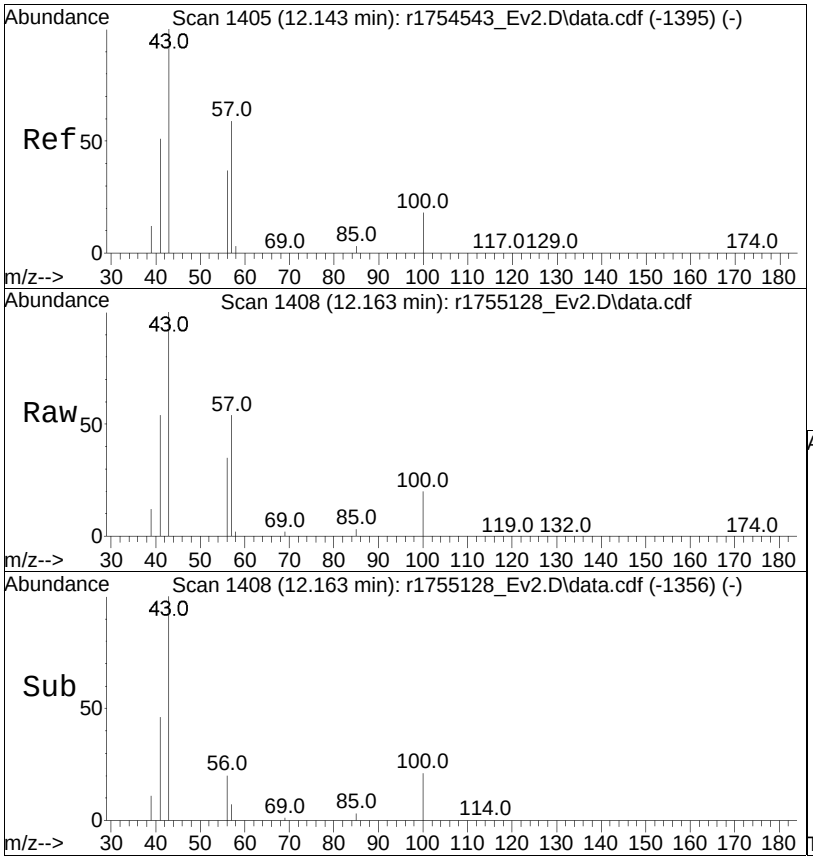


#46
2,2,4-trimethylpentane
Concen: 4.14 ppbV
RT: 11.843 min Scan# 1360
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 57 Resp: 540765

Ion	Ratio	Lower	Upper
57	100		
99	5.4	4.0	6.0
41	21.8	16.2	24.2

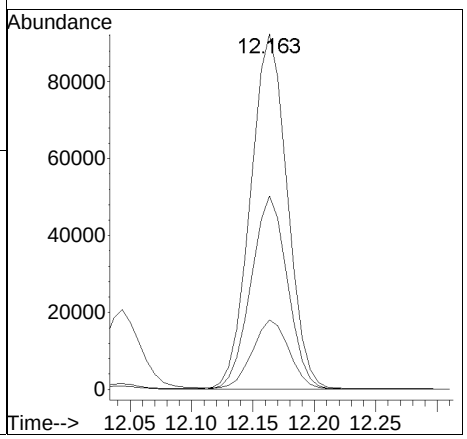


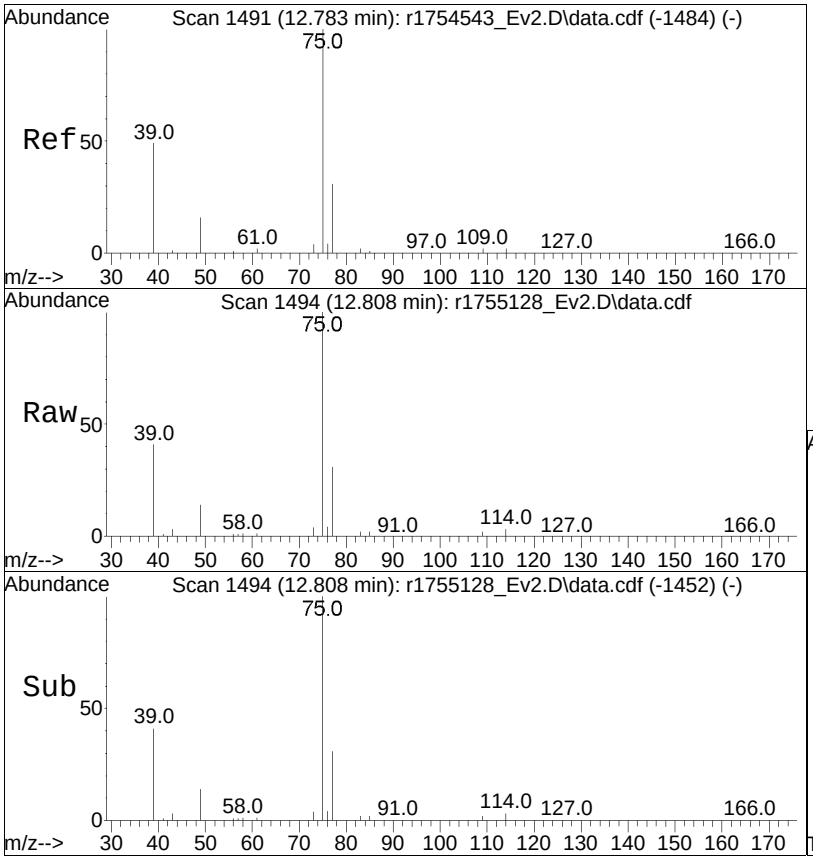


#47
heptane
Concen: 4.42 ppbV
RT: 12.163 min Scan# 1408
Delta R.T. 0.020 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 43 Resp: 192127

Ion	Ratio	Lower	Upper
43	100		
57	54.5	47.2	70.8
100	19.6	14.9	22.3

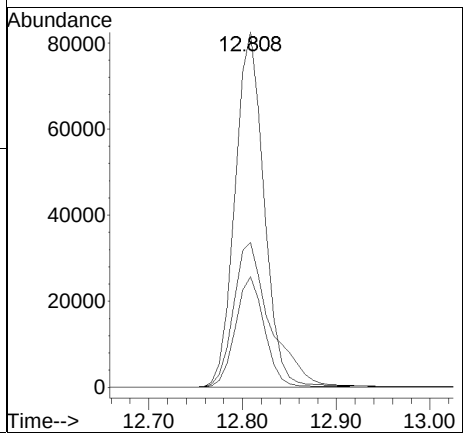


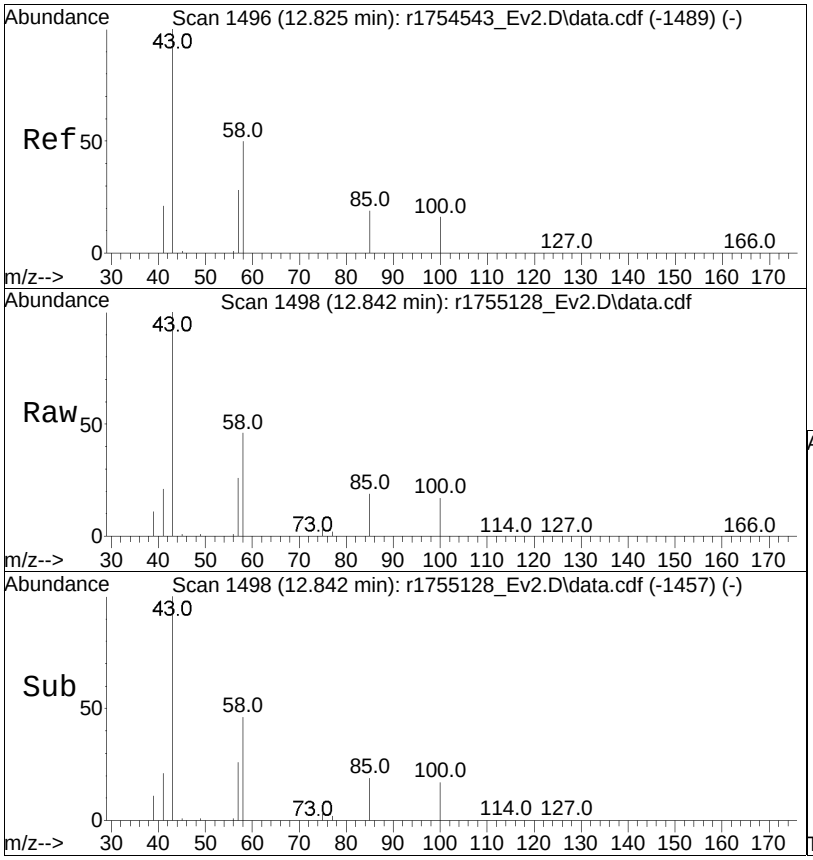


#48
cis-1,3-dichloropropene
Concen: 5.36 ppbV
RT: 12.808 min Scan# 1494
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 75 Resp: 177676

Ion	Ratio	Lower	Upper
75	100		
39	40.8	39.3	58.9
77	31.1	24.9	37.3

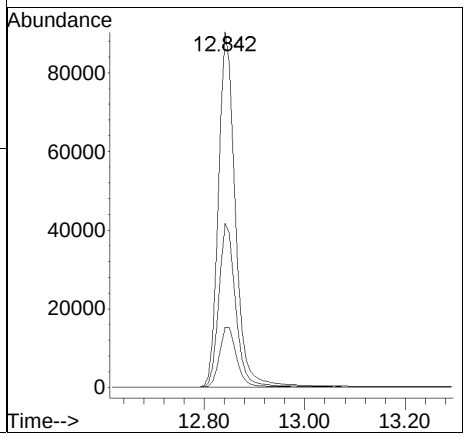


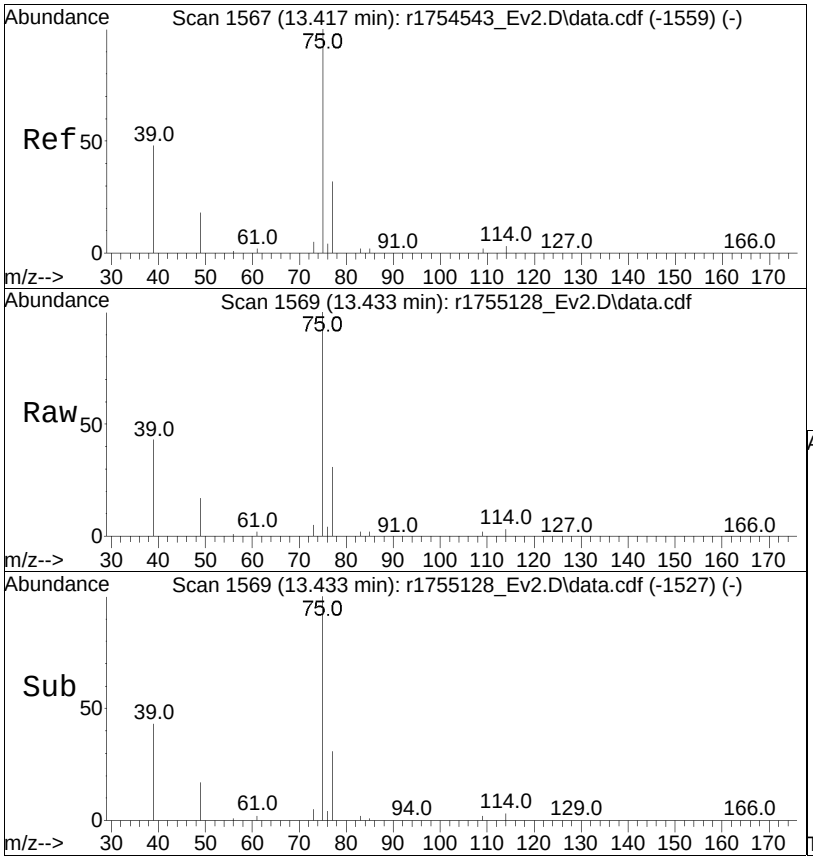


#49
4-methyl-2-pentanone
Concen: 4.25 ppbV
RT: 12.842 min Scan# 1498
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 43 Resp: 211938

Ion	Ratio	Lower	Upper
43	100		
58	46.1	39.8	59.8
100	16.9	13.2	19.8

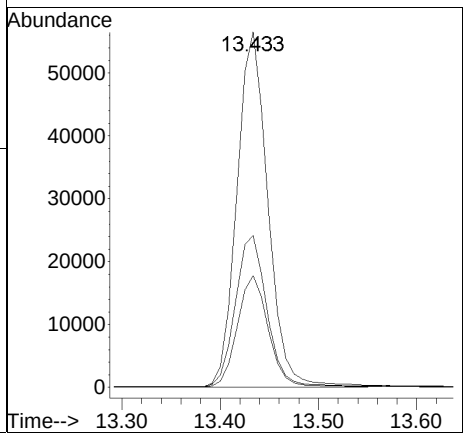


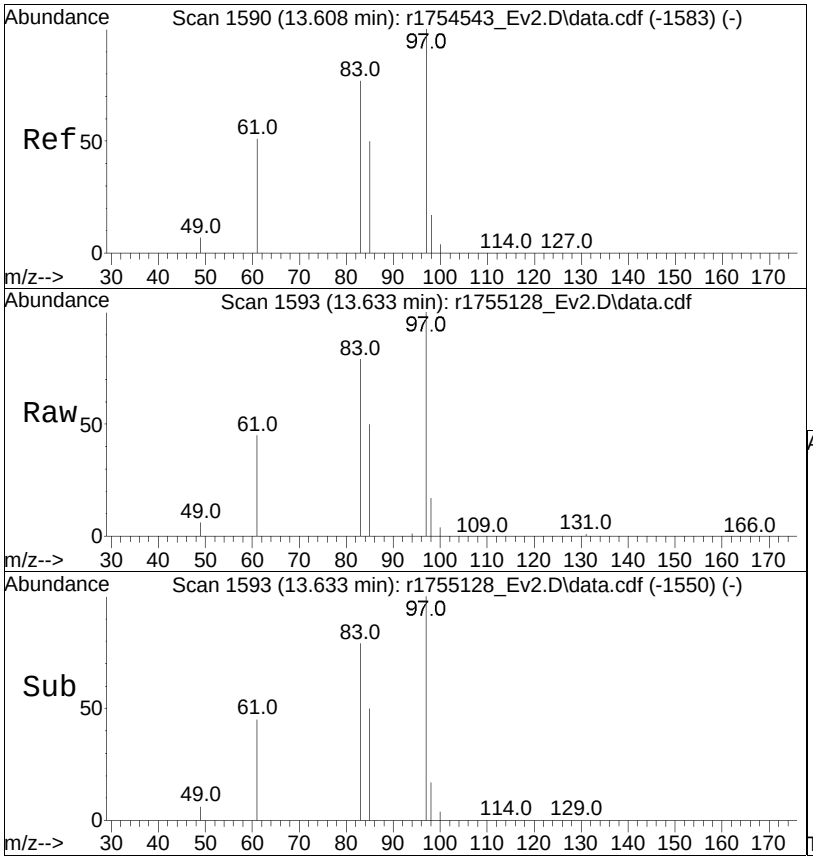


#50
trans-1,3-dichloropropene
Concen: 5.78 ppbV
RT: 13.433 min Scan# 1569
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 75 Resp: 123960

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2
39	42.7	38.4	57.6

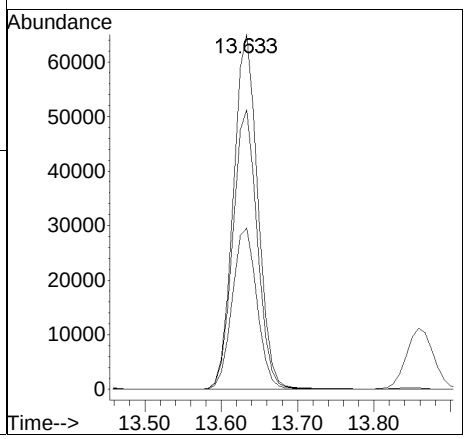


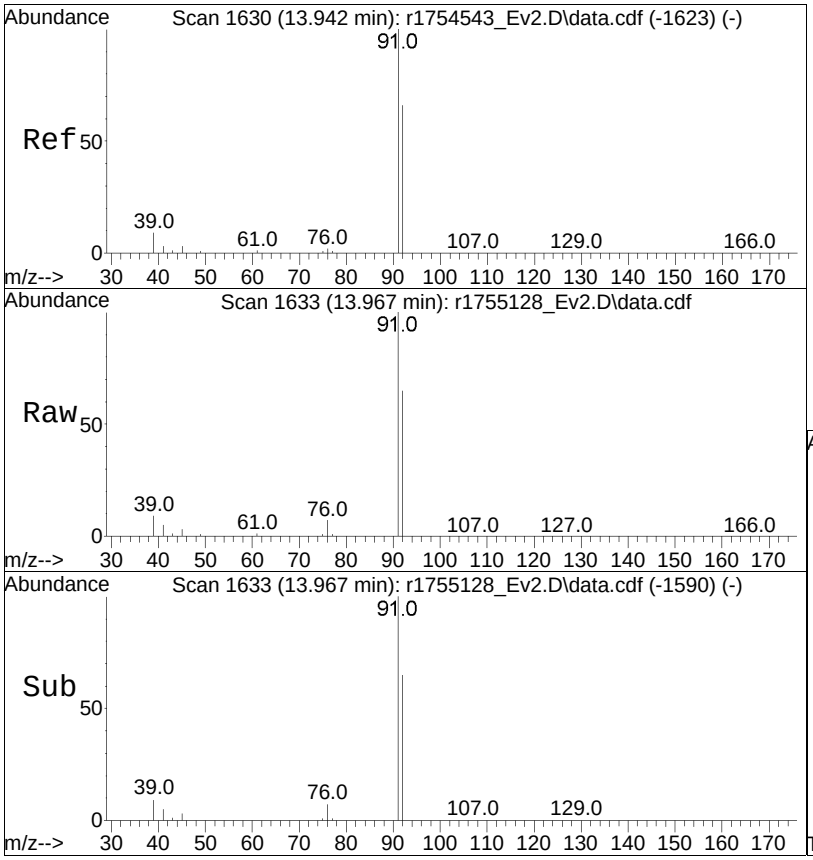


#51
1,1,2-trichloroethane
Concen: 4.25 ppbV
RT: 13.633 min Scan# 1593
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 97 Resp: 144516

Ion	Ratio	Lower	Upper
97	100		
83	78.8	61.7	92.5
61	45.4	40.6	61.0

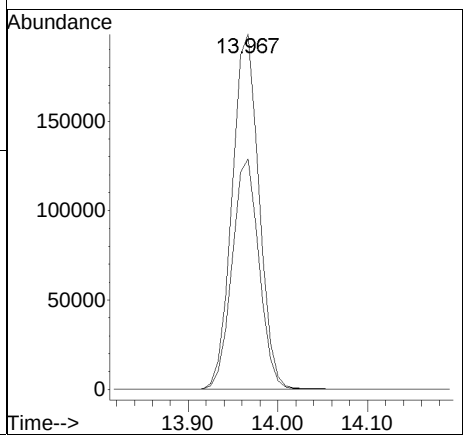


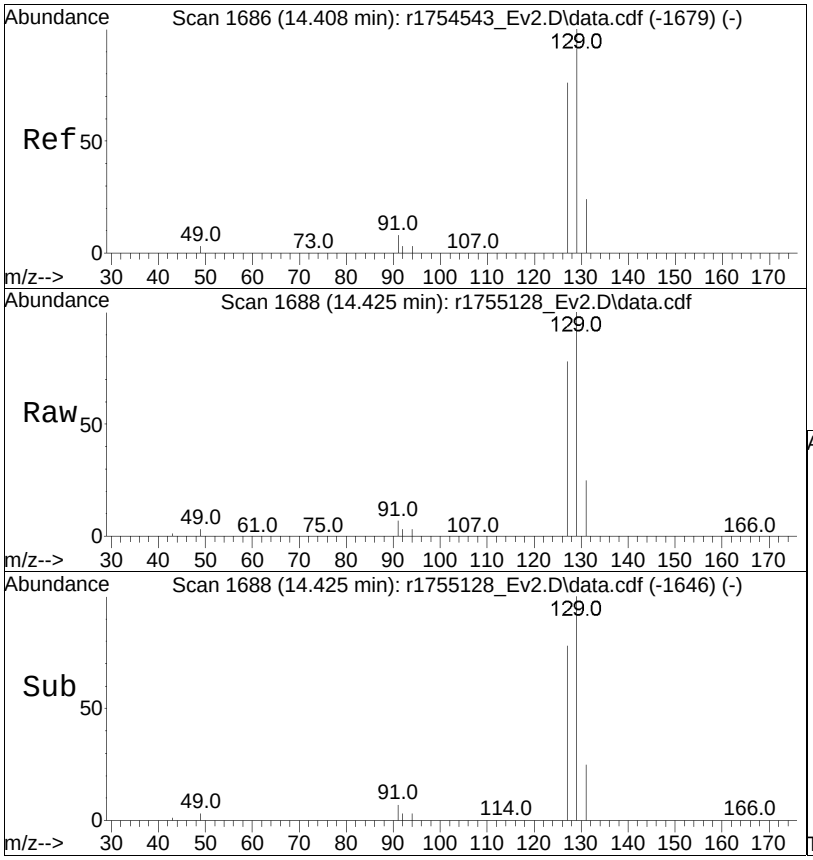


#53
toluene
Concen: 4.81 ppbV
RT: 13.967 min Scan# 1633
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 91 Resp: 415209

Ion	Ratio	Lower	Upper
91	100		
92	64.9	52.6	78.8

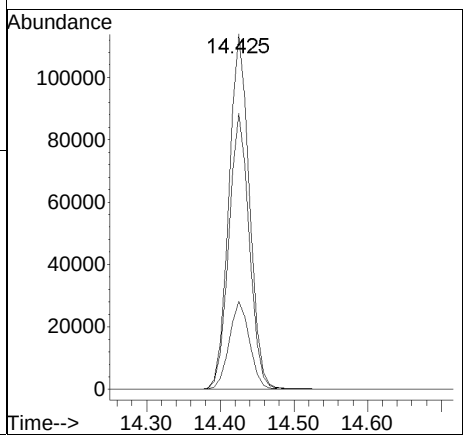


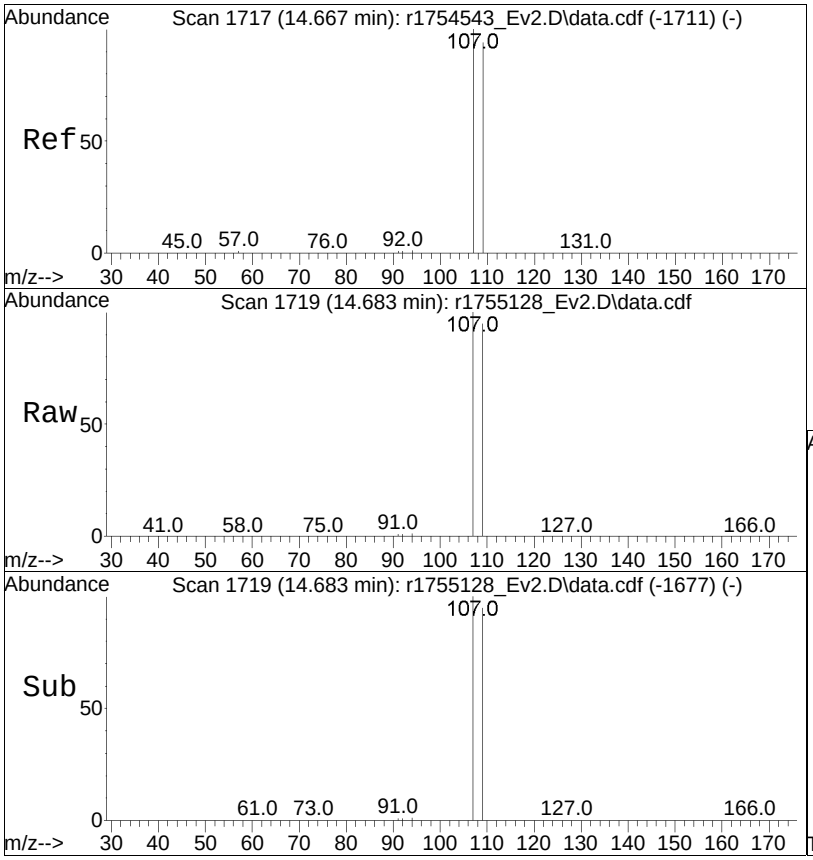


#56
dibromochloromethane
Concen: 5.67 ppbV
RT: 14.425 min Scan# 1688
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:129 Resp: 220375

Ion	Ratio	Lower	Upper
129	100		
127	77.7	60.7	91.1
131	24.8	19.3	28.9

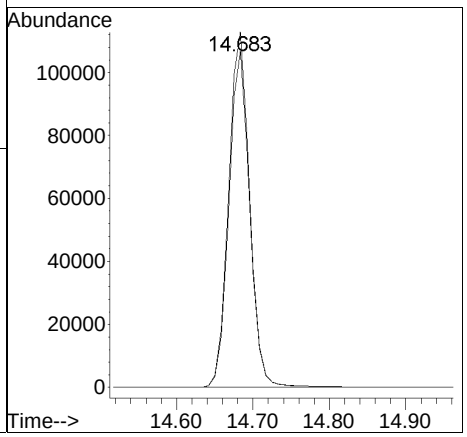


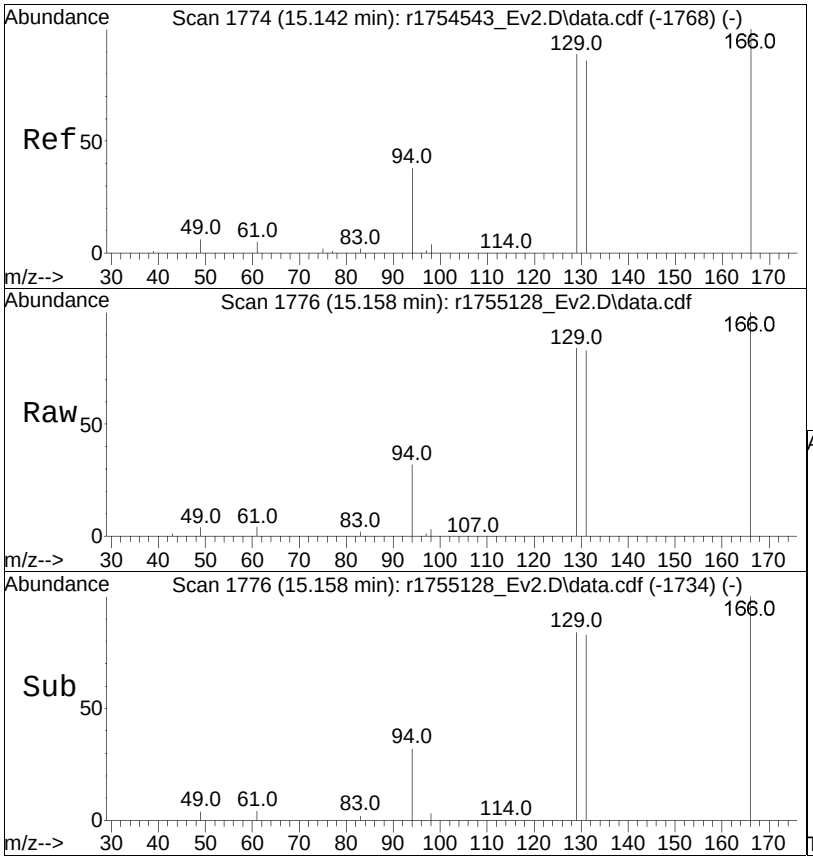


#57
1,2-dibromoethane
Concen: 5.77 ppbV
RT: 14.683 min Scan# 1719
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:107 Resp: 215471

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.6

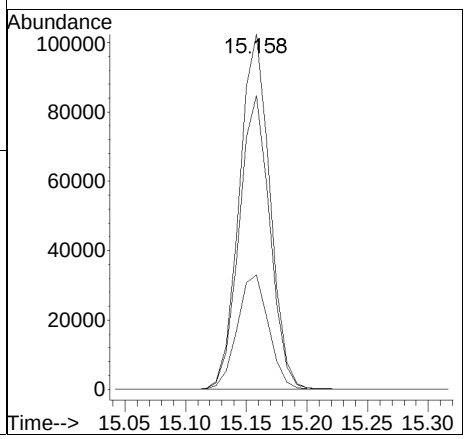


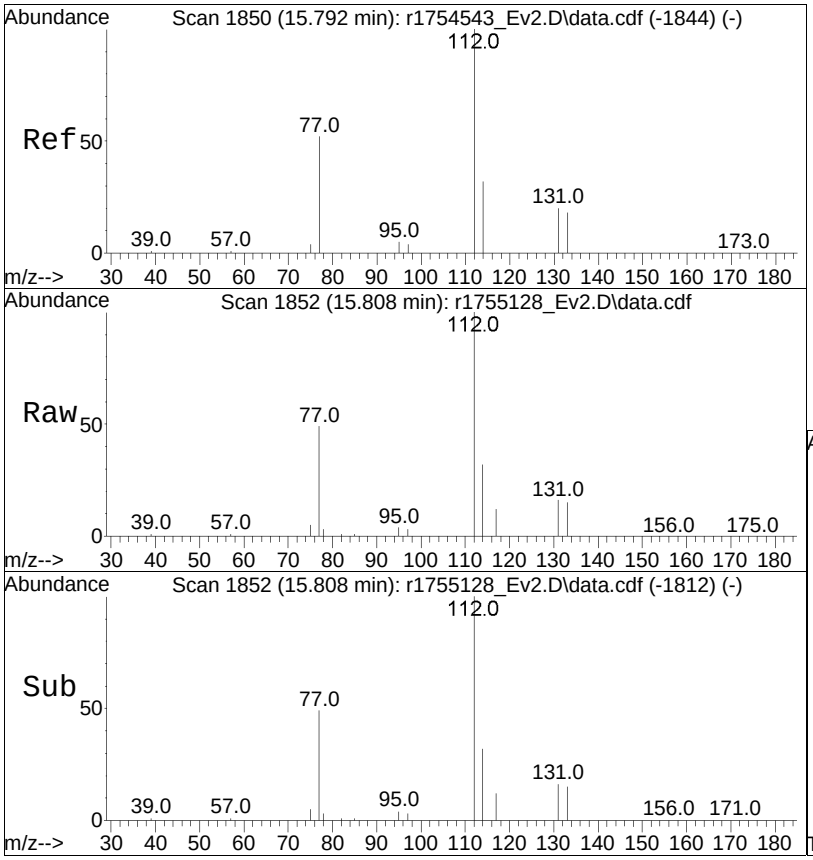


#58
tetrachloroethene
Concen: 5.37 ppbV
RT: 15.158 min Scan# 1776
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:166 Resp: 179516

Ion	Ratio	Lower	Upper
166	100		
131	82.8	69.1	103.7
94	32.2	30.7	46.1

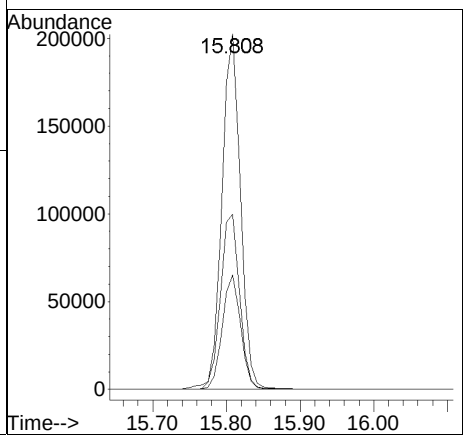


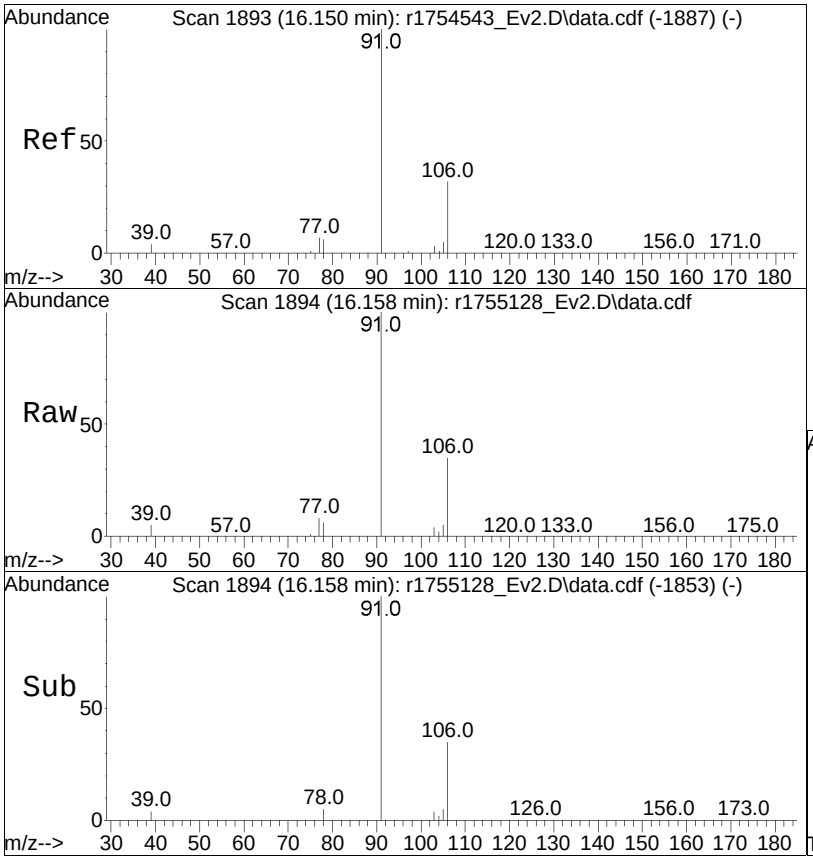


#60
chlorobenzene
Concen: 5.26 ppbV
RT: 15.808 min Scan# 1852
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:112 Resp: 352621

Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.0	39.0
77	49.3	42.5	63.7

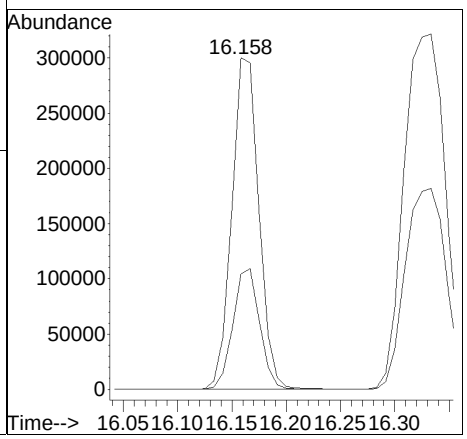


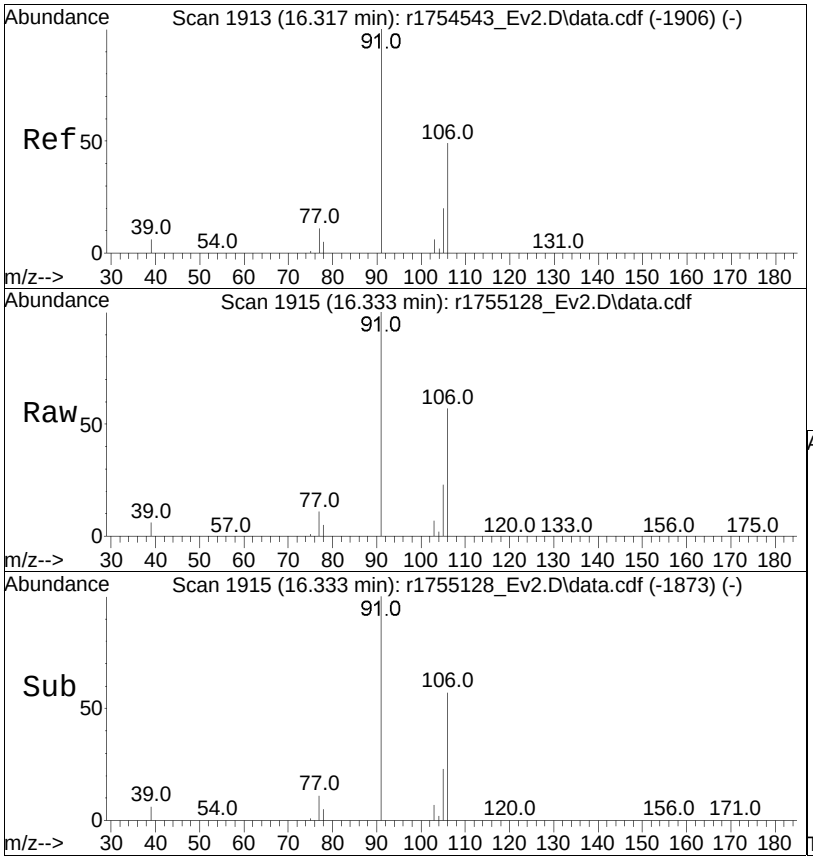


#61
ethylbenzene
Concen: 4.76 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 91 Resp: 520334

Ion	Ratio	Lower	Upper
91	100		
106	34.9	25.8	38.6

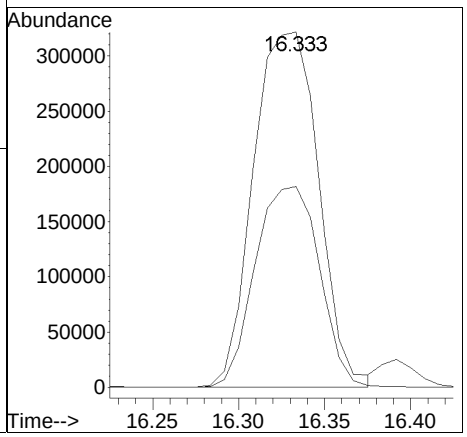


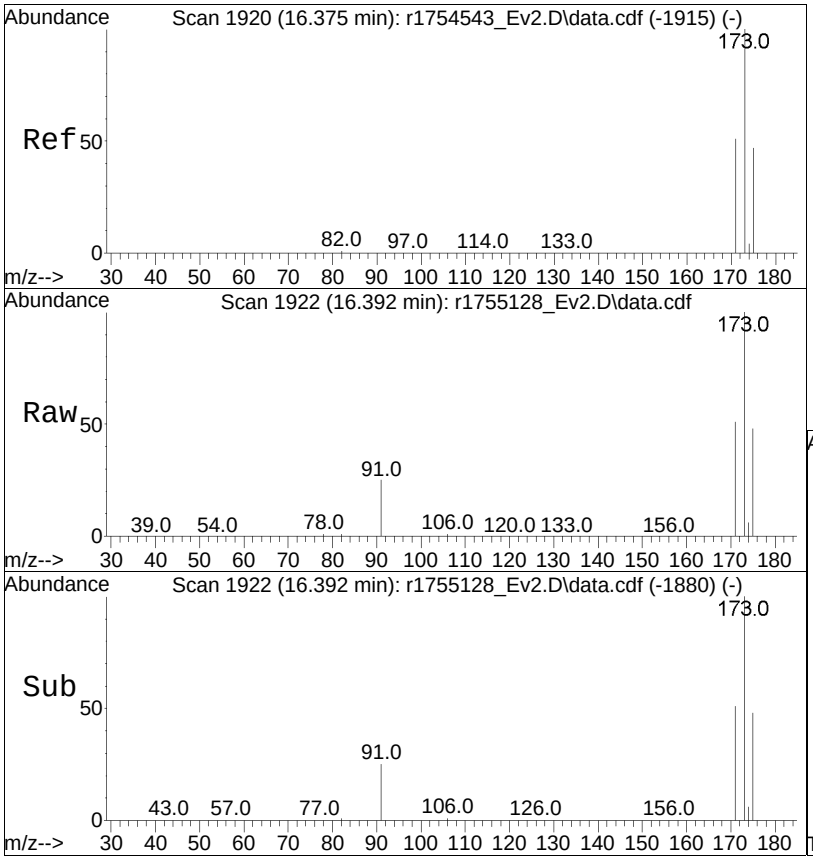


#62
m+p-xylene
Concen: 9.95 ppbV
RT: 16.333 min Scan# 1915
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 91 Resp: 846946

Ion	Ratio	Lower	Upper
91	100		
106	56.6	39.4	59.0

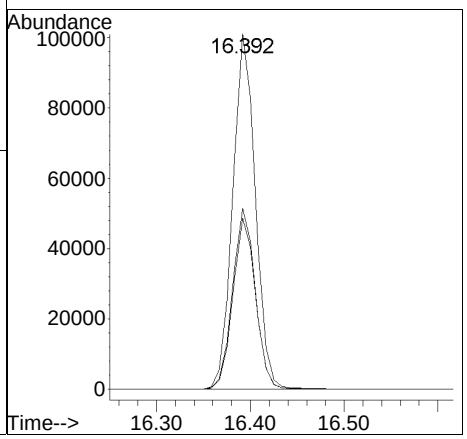


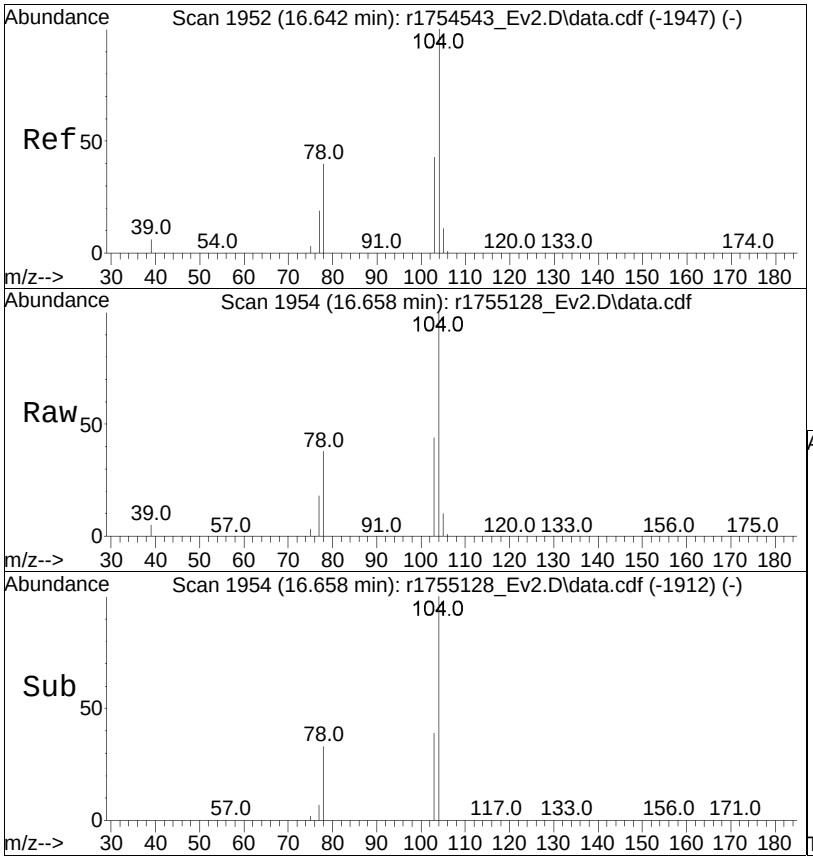


#63
bromoform
Concen: 6.33 ppbV
RT: 16.392 min Scan# 1922
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:173 Resp: 169348

Ion	Ratio	Lower	Upper
173	100		
175	48.2	37.6	56.4
171	50.9	40.6	60.8

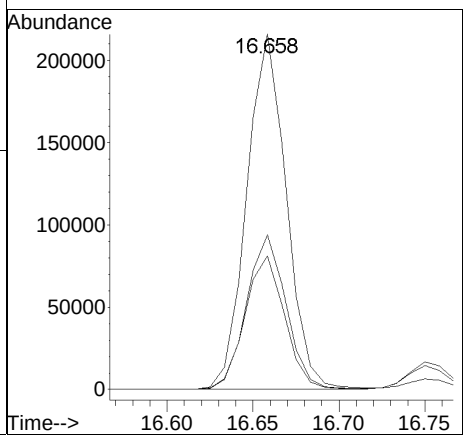


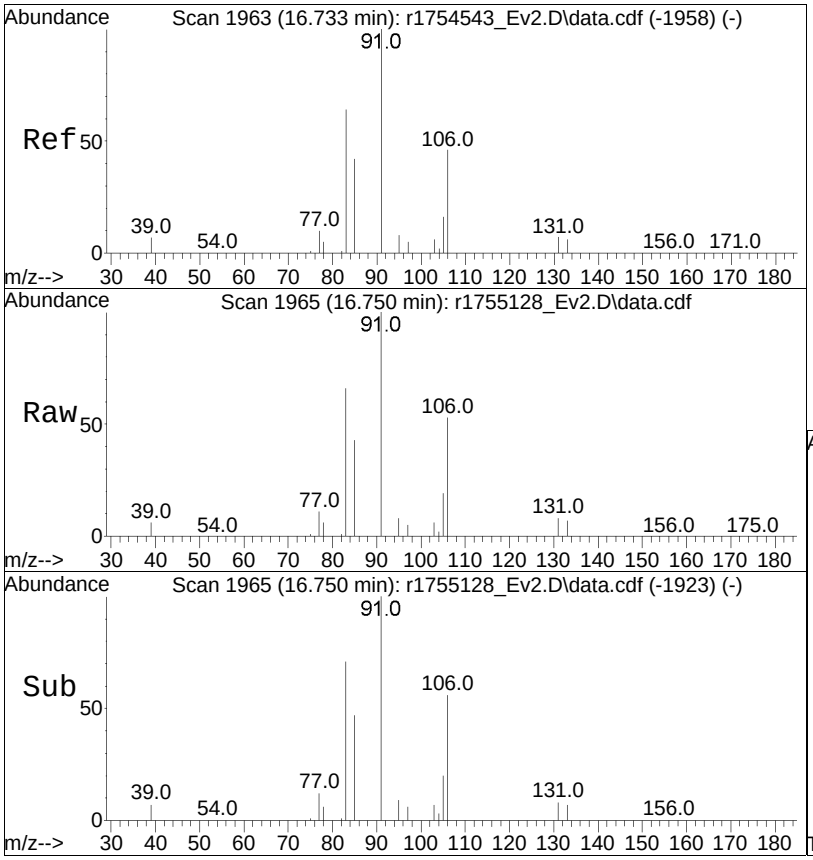


#64
styrene
Concen: 5.86 ppbV
RT: 16.658 min Scan# 1954
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:104 Resp: 344601

Ion	Ratio	Lower	Upper
104	100		
103	43.5	34.8	52.2
78	37.6	31.8	47.8

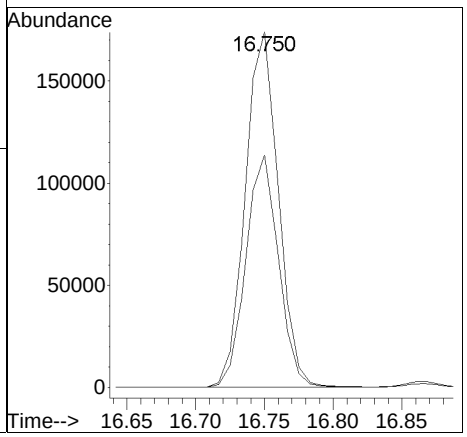


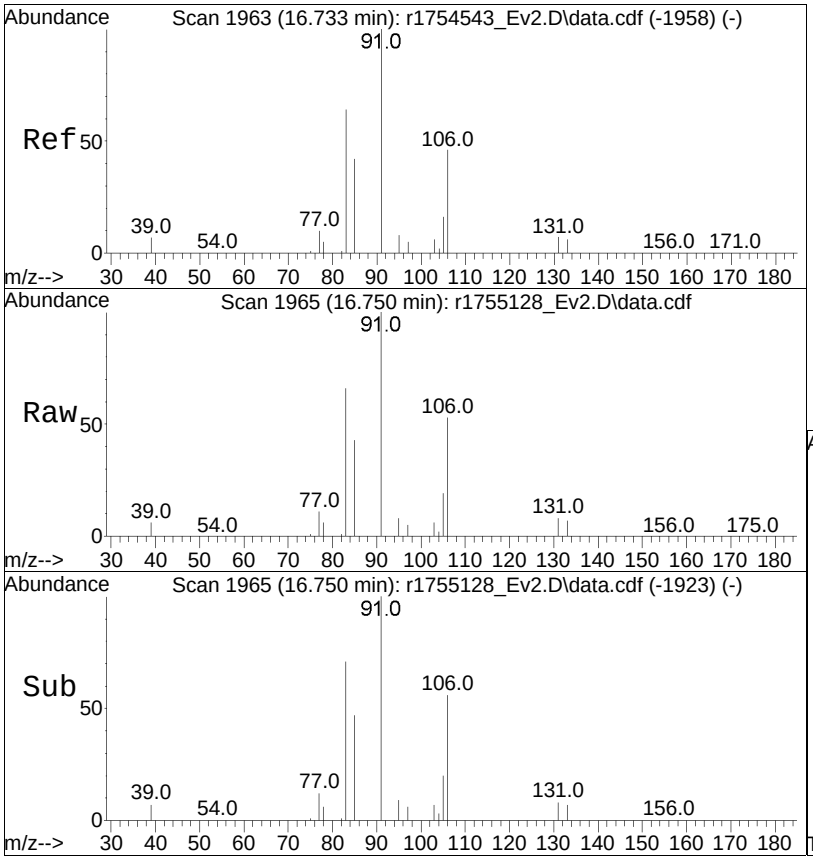


#65
1,1,2,2-tetrachloroethane
Concen: 5.14 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 83 Resp: 291408

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.1	78.1

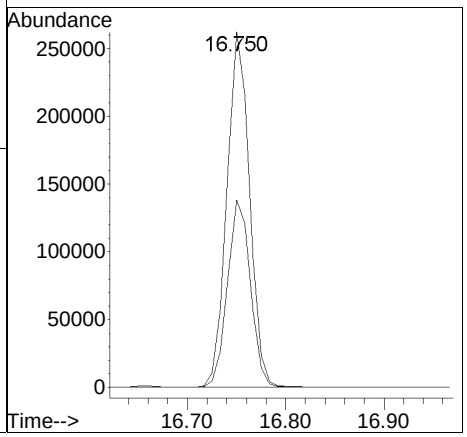


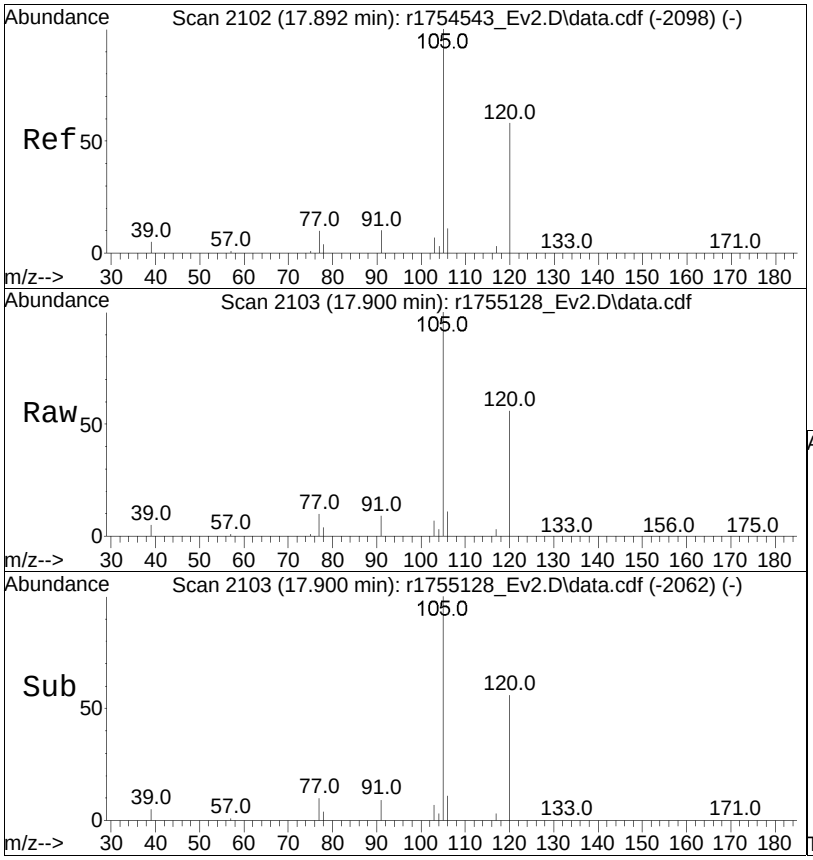


#66
o-xylene
Concen: 4.87 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 91 Resp: 420634

Ion	Ratio	Lower	Upper
91	100		
106	52.7	37.0	55.4

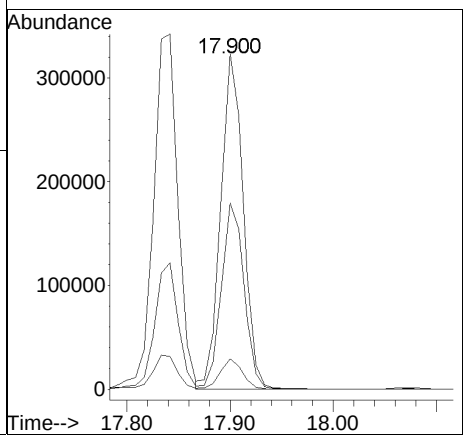


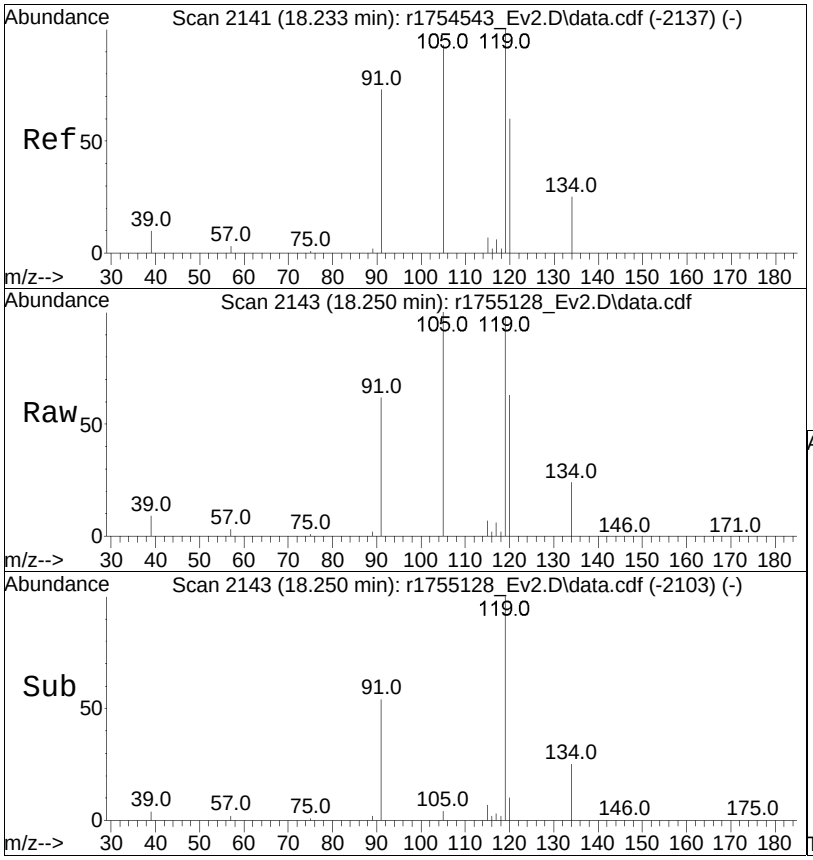


#72
1,3,5-trimethylbenzene
Concen: 5.66 ppbV
RT: 17.900 min Scan# 2103
Delta R.T. 0.008 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:105 Resp: 490851

Ion	Ratio	Lower	Upper
105	100		
120	55.5	46.2	69.4
91	9.1	8.0	12.0

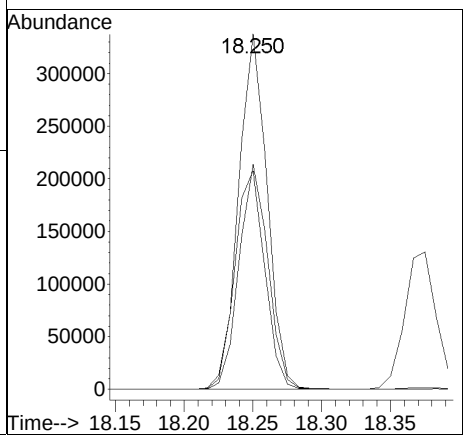


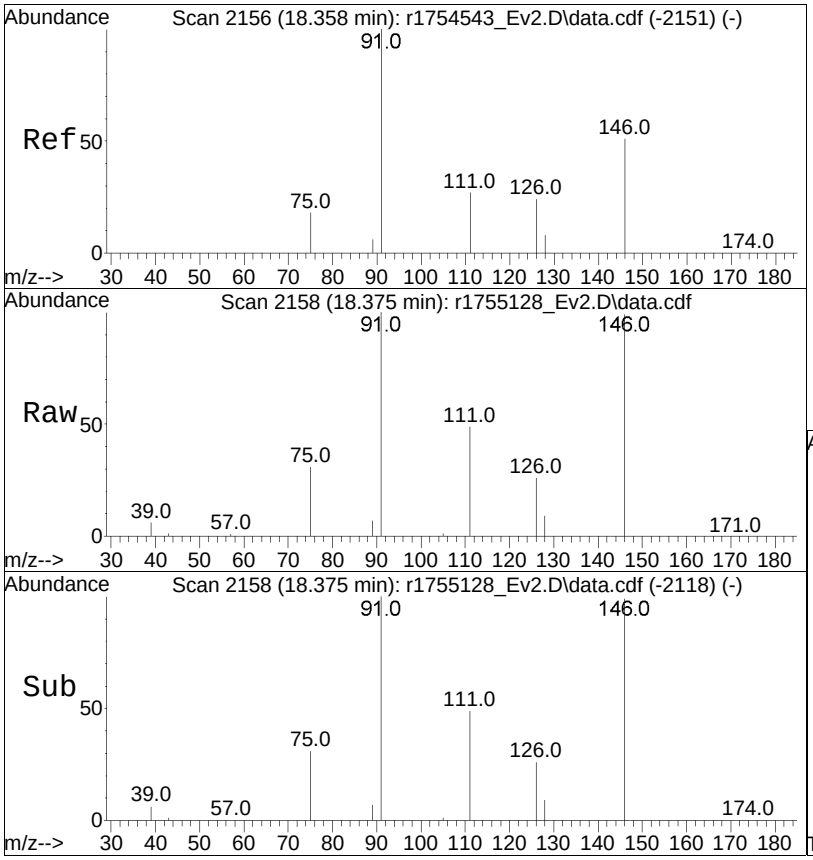


#74
1,2,4-trimethylbenzene
Concen: 5.64 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:105 Resp: 487925

Ion	Ratio	Lower	Upper
105	100		
120	63.3	51.8	77.8
91	61.5	63.4	95.2#

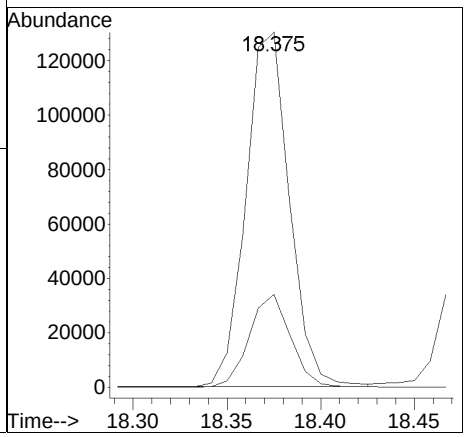


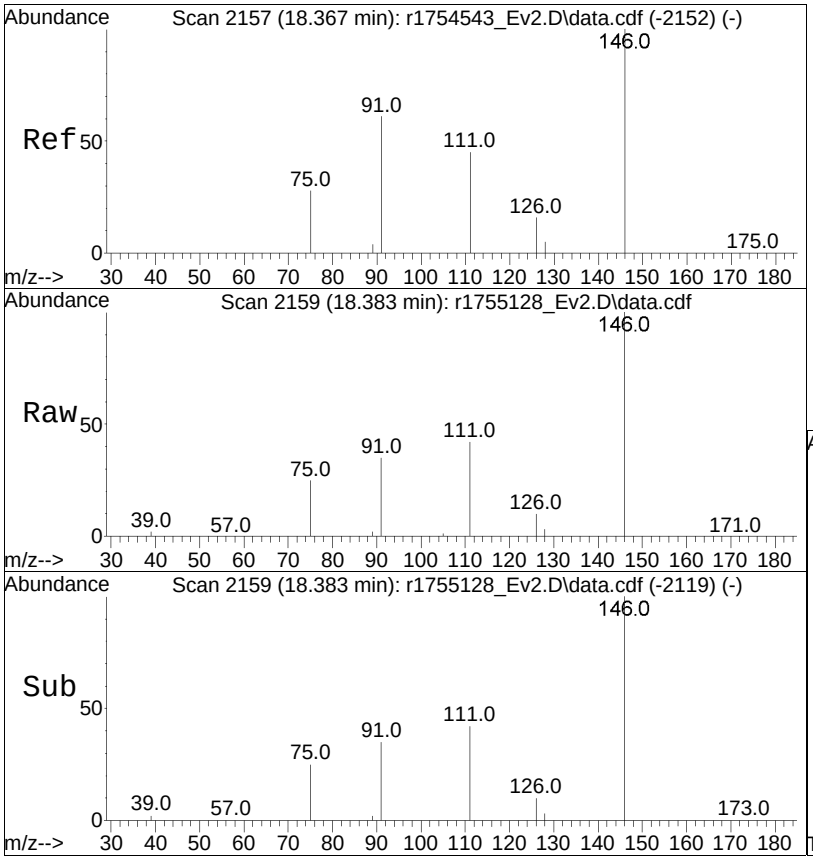


#75
Benzyl Chloride
Concen: 3.95 ppbV
RT: 18.375 min Scan# 2158
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion: 91 Resp: 209679

Ion	Ratio	Lower	Upper
91	100		
126	26.2	19.3	28.9

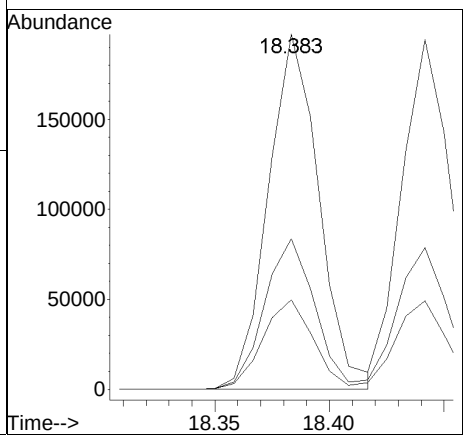


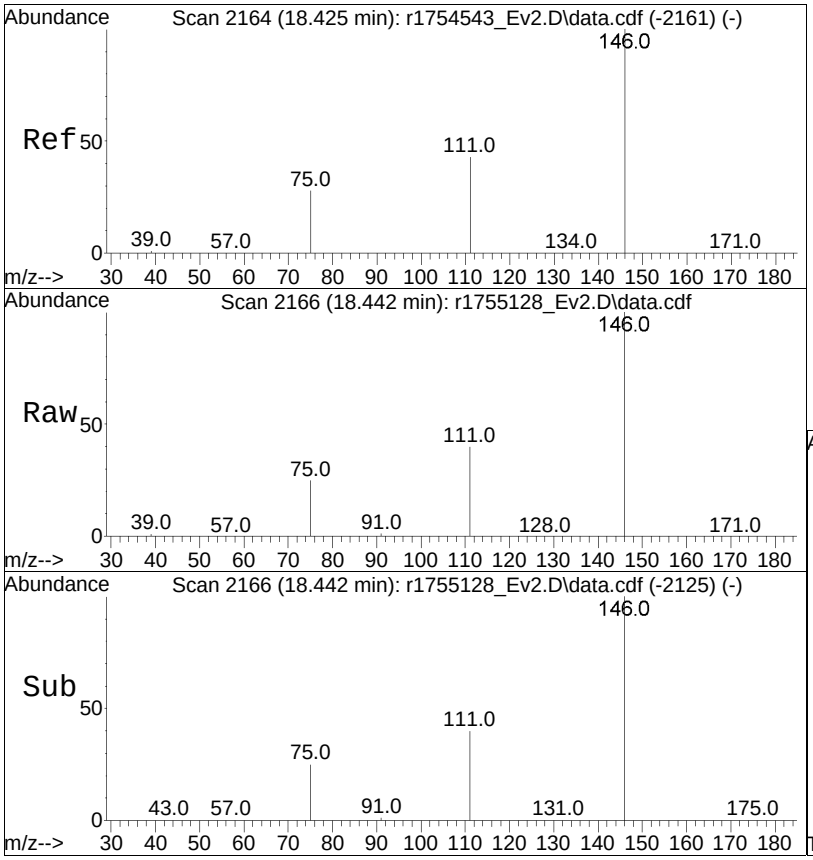


#76
1,3-dichlorobenzene
Concen: 5.70 ppbV
RT: 18.383 min Scan# 2159
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:146 Resp: 302983

Ion	Ratio	Lower	Upper
146	100		
111	42.4	36.1	54.1
75	25.2	22.6	33.8

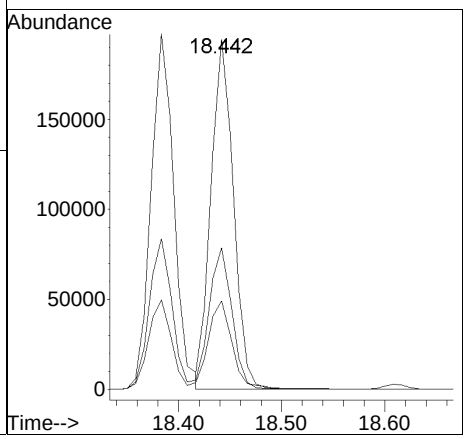


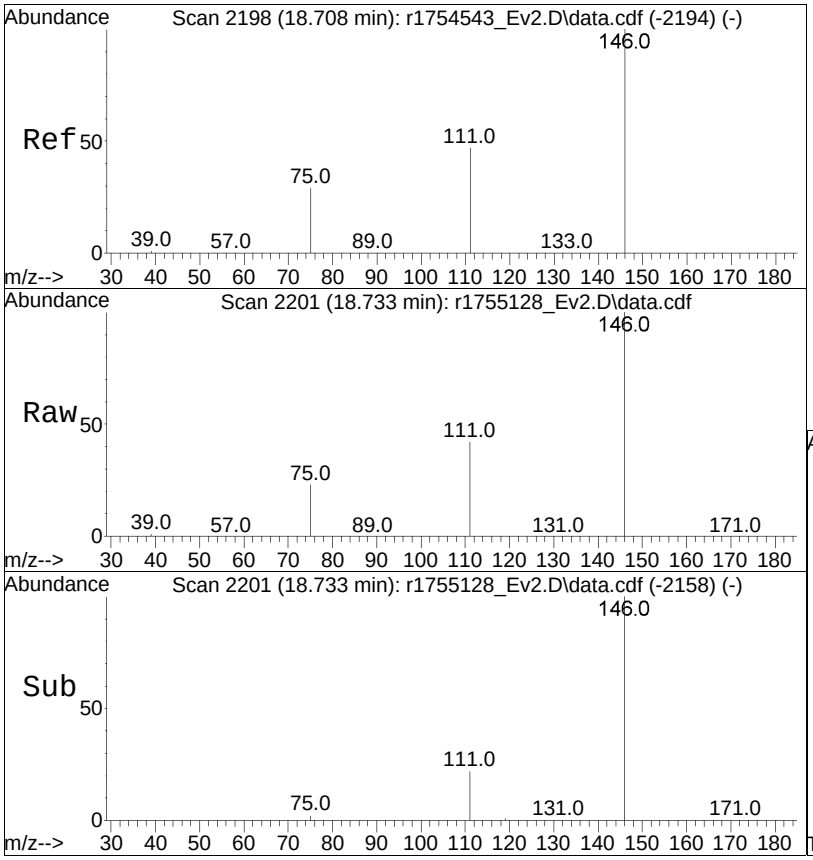


#77
1,4-dichlorobenzene
Concen: 5.51 ppbV
RT: 18.442 min Scan# 2166
Delta R.T. 0.017 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:146 Resp: 294713

Ion	Ratio	Lower	Upper
146	100		
111	40.5	34.5	51.7
75	25.3	22.5	33.7

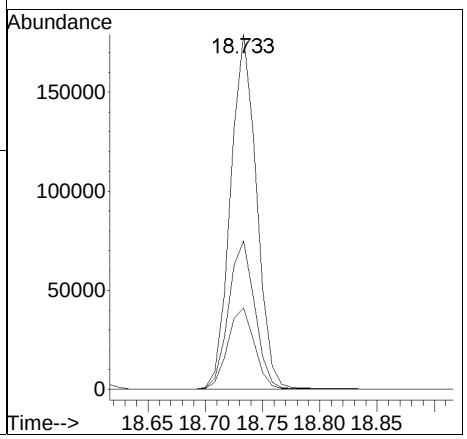


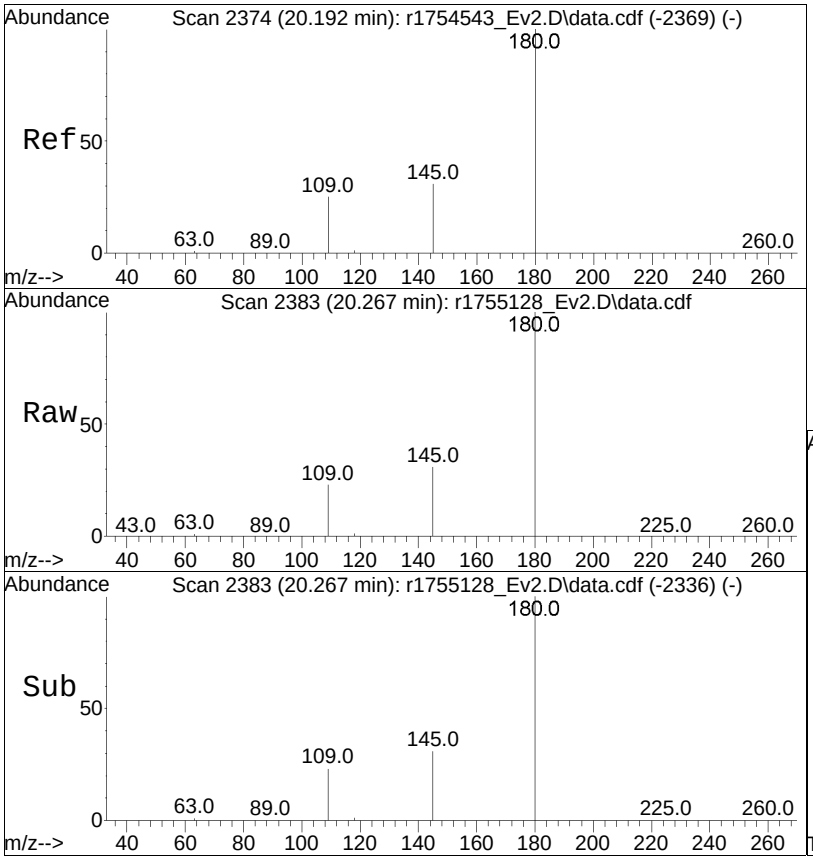


#81
1,2-dichlorobenzene
Concen: 5.00 ppbV
RT: 18.733 min Scan# 2201
Delta R.T. 0.025 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:146 Resp: 282142

Ion	Ratio	Lower	Upper
146	100		
111	41.8	37.7	56.5
75	23.0	23.2	34.8#

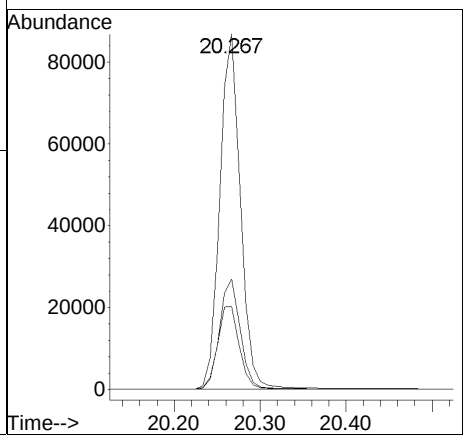


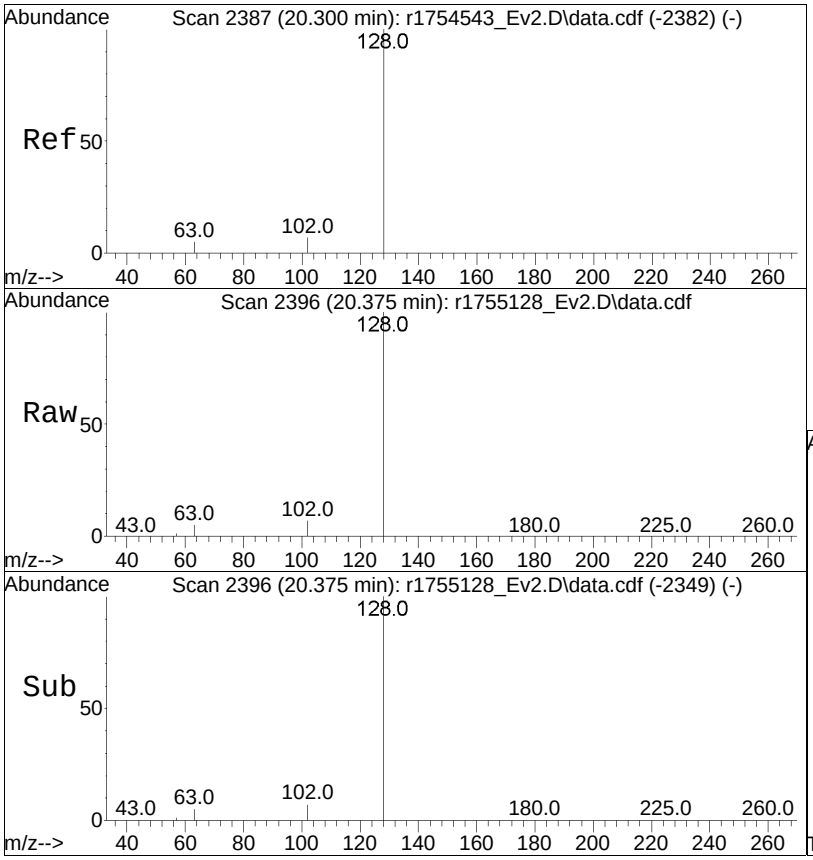


#84
1,2,4-trichlorobenzene
Concen: 4.62 ppbV
RT: 20.267 min Scan# 2383
Delta R.T. 0.075 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:180 Resp: 144376

Ion	Ratio	Lower	Upper
180	100		
145	31.1	25.1	37.7
109	23.3	19.8	29.8

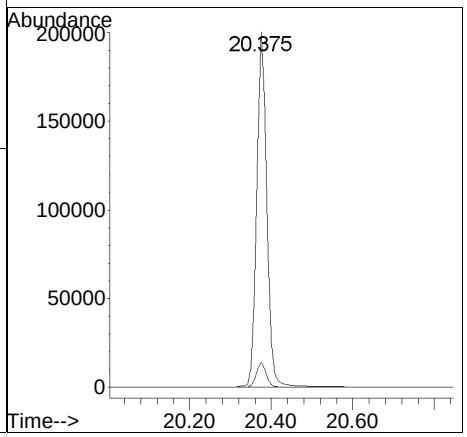


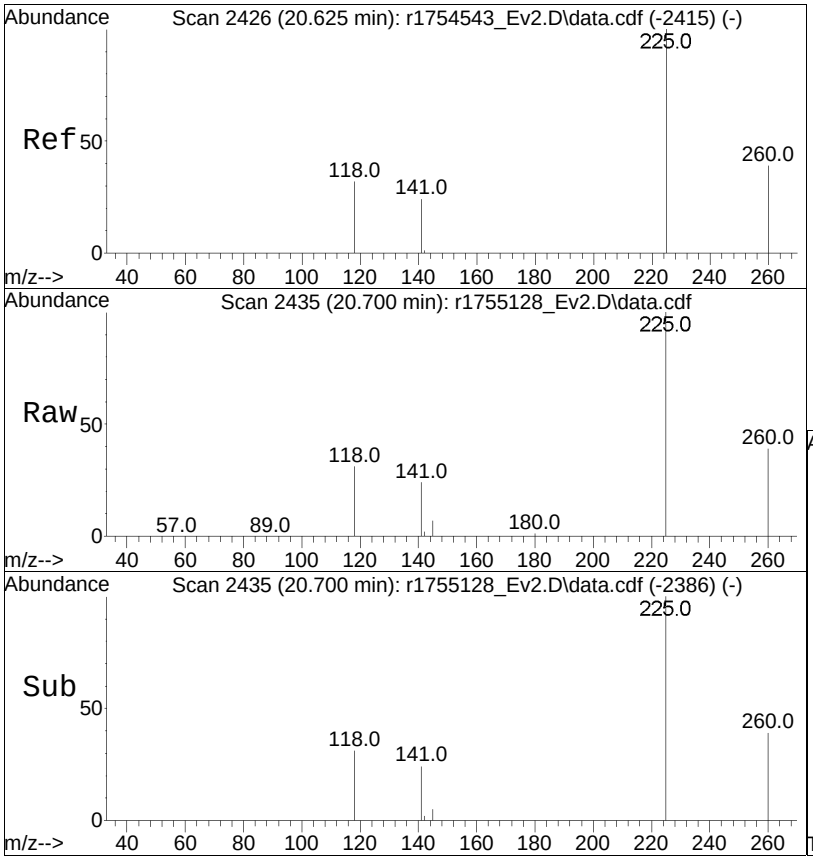


#85
naphthalene
Concen: 3.50 ppbV m
RT: 20.375 min Scan# 2396
Delta R.T. 0.075 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:128 Resp: 347472

Ion	Ratio	Lower	Upper
128	100		
102	7.1	5.7	8.5

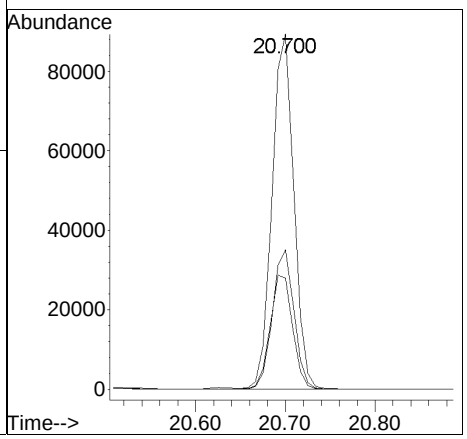




#87
hexachlorobutadiene
Concen: 4.69 ppbV
RT: 20.700 min Scan# 2435
Delta R.T. 0.075 min
Lab File: r1755128_Ev2.D
Acq: 27 Mar 2026 2:26 PM

Tgt Ion:225 Resp: 151195

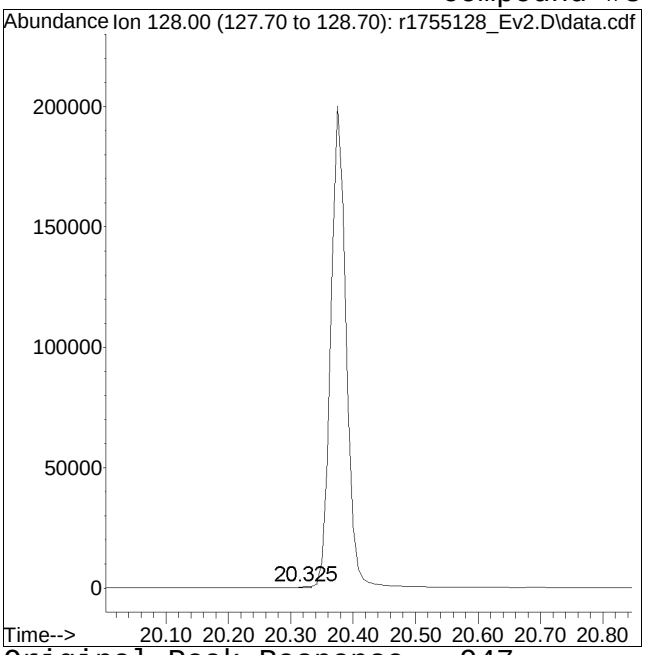
Ion	Ratio	Lower	Upper
225	100		
260	39.3	31.0	46.4
118	31.4	25.8	38.6



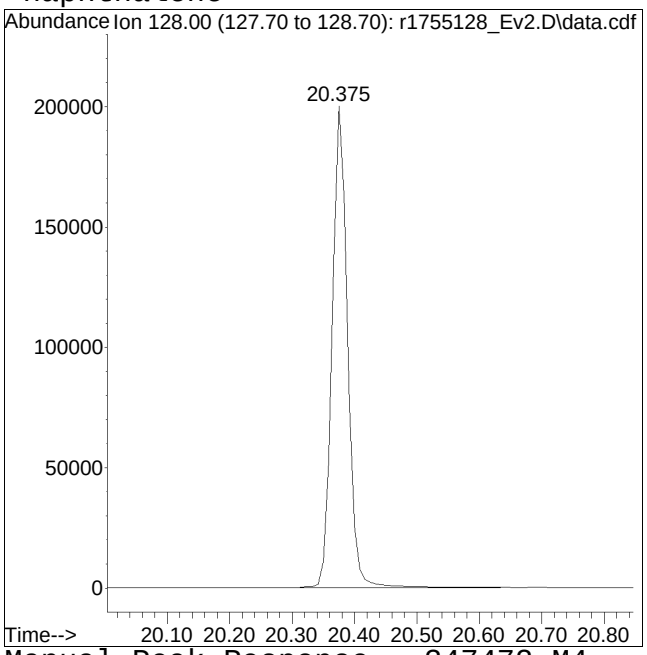
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab17\20QMethod : TSIM17_260305.M
Data File : r1755128_Ev2.D Operator : AIRLAB17:SL
Date Inj'd : 3/27/2026 2:26 PM Instrument :
Sample : WG2190695-3,3,250,250 Quant Date : 3/27/2026 2:57 pm

Compound #85: naphthalene



Original Peak Response = 947



Manual Peak Response = 347472 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-3,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	3.433	49	234099	10.000	ppbV	#	0.00
Standard Area = 234099			Recovery = 100.00%				
33) 1,4-difluorobenzene	4.324	114	740785	10.000	ppbV	#	0.00
Standard Area = 740785			Recovery = 100.00%				
51) chlorobenzene-D5	6.439	54	104350	10.000	ppbV	#	0.00
Standard Area = 104350			Recovery = 100.00%				
System Monitoring Compounds							
Target Compounds							Qvalue
3) dichlorodifluoromethane	1.960	85	253565	5.238	ppbV		100
4) chloromethane	2.004	50	90704M4	5.409	ppbV		
5) Freon-114	2.032	85	281736	5.253	ppbV		98
6) vinyl chloride	2.065	62	110698	5.285	ppbV		100
8) bromomethane	2.180	94	106461	5.322	ppbV		100
9) chloroethane	2.230	64	59390	5.227	ppbV		98
10) ethanol	2.263	31	198063	24.273	ppbV		99
14) trichlorofluoromethane	2.460	101	230909	5.071	ppbV		100
17) 1,1-dichloroethene	2.634	61	149328	5.266	ppbV		97
18) tertiary butyl alcohol	2.643	59	164196	4.805	ppbV		95
19) methylene chloride	2.667	49	108505	5.925	ppbV		92
22) Freon 113	2.758	101	206665	5.019	ppbV		97
23) trans-1,2-dichloroethene	2.975	61	130526	5.256	ppbV		96
24) 1,1-dichloroethane	3.046	63	170208	5.070	ppbV		100
25) MTBE	3.077	73	241016	5.022	ppbV	#	85
27) 2-butanone	3.201	43	207749	5.422	ppbV		95
28) cis-1,2-dichloroethene	3.366	61	125369	4.496	ppbV		98
30) chloroform	3.493	83	199408	4.652	ppbV	#	100
32) 1,2-dichloroethane	3.809	62	111580	4.533	ppbV		99
34) hexane	3.478	57	146125	5.058	ppbV	#	100
36) 1,1,1-trichloroethane	3.923	97	187516	4.777	ppbV	#	11
37) benzene	4.126	78	316145	4.868	ppbV	#	100
38) carbon tetrachloride	4.201	117	185500	4.962	ppbV	#	40
39) cyclohexane	4.258	56	141712	5.151	ppbV	#	1
41) 1,2-dichloropropane	4.522	63	114715	4.866	ppbV	#	1
42) bromodichloromethane	4.616	83	213277	5.269	ppbV	#	100
43) 1,4-dioxane	4.654	88	69736	5.409	ppbV	#	1
44) trichloroethene	4.644	130	139123	4.493	ppbV	#	50

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-3,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : Default-LCS-AP2 - All compounds listed

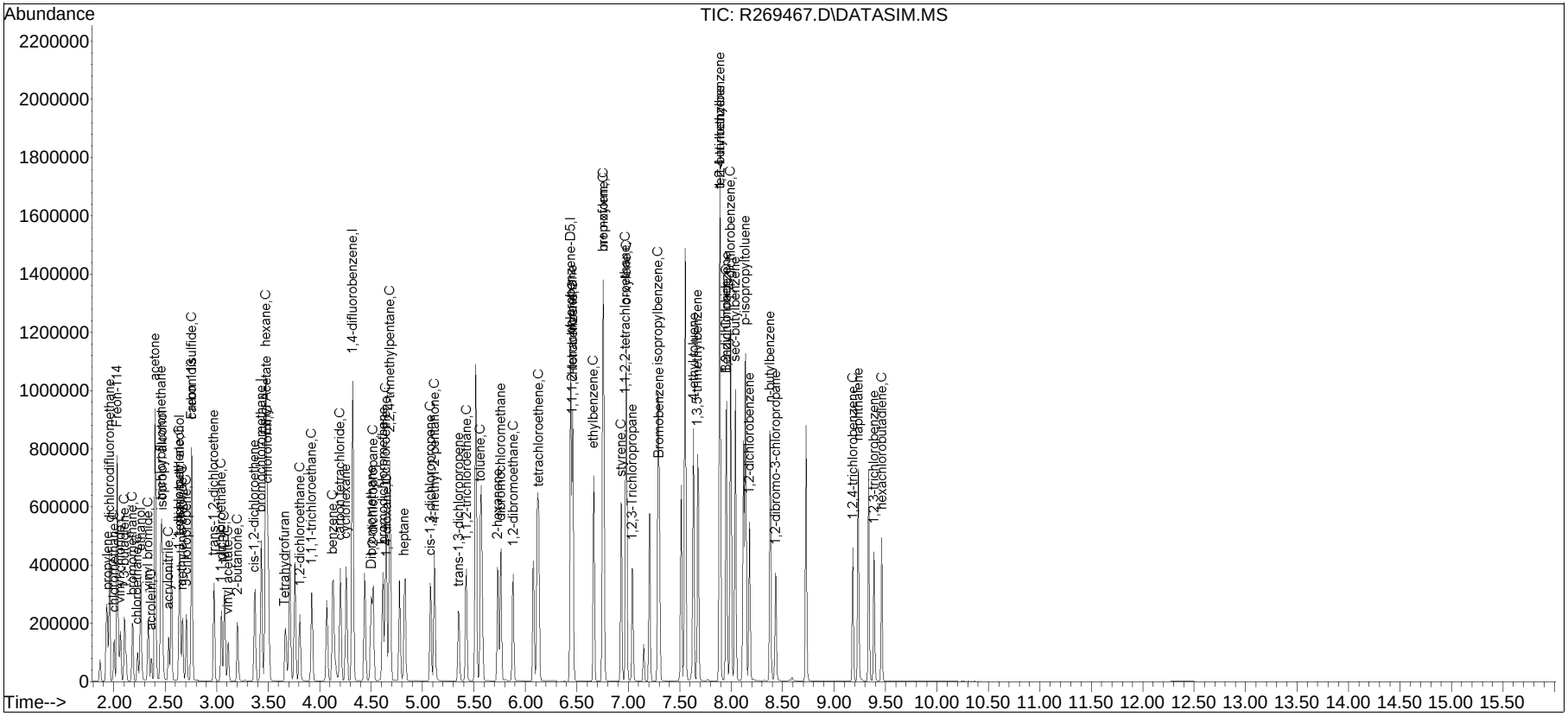
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2,2,4-trimethylpentane	4.682	57	460750	5.594	ppbV	#	60
46) heptane	4.823	43	149105	5.401	ppbV	#	1
47) cis-1,3-dichloropropene	5.076	75	188851	5.667	ppbV	#	100
48) 4-methyl-2-pentanone	5.116	43	197688M3	5.401	ppbV		
49) trans-1,3-dichloropropene	5.356	75	141823	5.600	ppbV	#	100
50) 1,1,2-trichloroethane	5.428	97	134928	4.740	ppbV	#	1
52) toluene	5.563	91	379926	4.780	ppbV		99
55) dibromochloromethane	5.763	129	210995	5.155	ppbV		100
56) 1,2-dibromoethane	5.883	107	203888	4.744	ppbV		99
57) tetrachloroethene	6.130	166	163509	4.415	ppbV		98
59) chlorobenzene	6.461	112	298176	4.517	ppbV		99
60) ethylbenzene	6.663	91	461688	4.537	ppbV		99
61) m+p-xylene	6.756	91	755279	9.397	ppbV		99
62) bromoform	6.756	173	187592	5.255	ppbV		100
63) styrene	6.934	104	275469	4.798	ppbV		99
64) 1,1,2,2-tetrachloroethane	6.975	83	287908	4.644	ppbV		100
65) o-xylene	6.981	91	360401	4.583	ppbV		99
71) 1,3,5-trimethylbenzene	7.675	105	410797	4.768	ppbV		98
73) 1,2,4-trimethylbenzene	7.890	105	433604	4.852	ppbV		95
74) Benzyl Chloride	7.954	91	292807	4.159	ppbV		96
75) 1,3-dichlorobenzene	7.954	146	304662M3	4.492	ppbV		
76) 1,4-dichlorobenzene	7.994	146	310663M3	4.355	ppbV		
79) 1,2-dichlorobenzene	8.178	146	293082	4.308	ppbV		99
82) 1,2,4-trichlorobenzene	9.183	180	256840	4.073	ppbV		99
83) naphthalene	9.236	128	553781	3.564	ppbV	#	95
85) hexachlorobutadiene	9.464	225	187846	4.596	ppbV		97

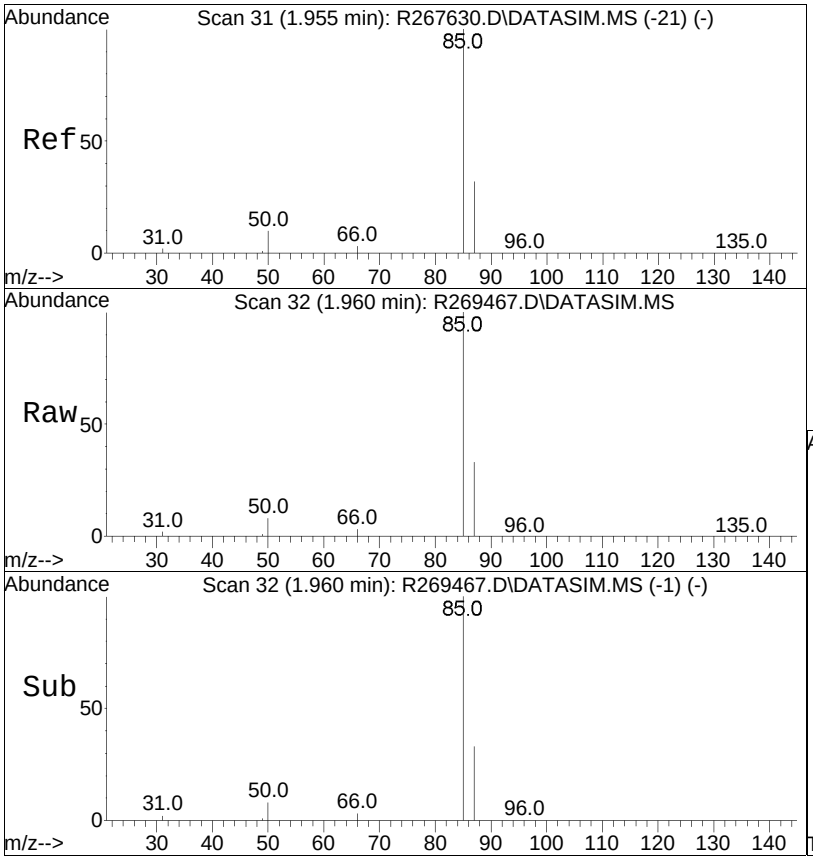
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269467.D
Acq On : 28 Mar 2026 03:30 pm
Operator : AIRLAB26:SL
Sample : WG2190907-3,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 16:02:03 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

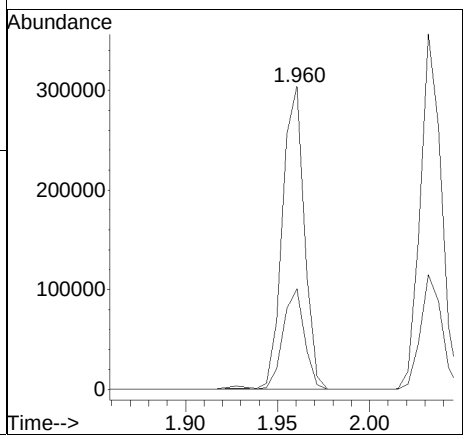


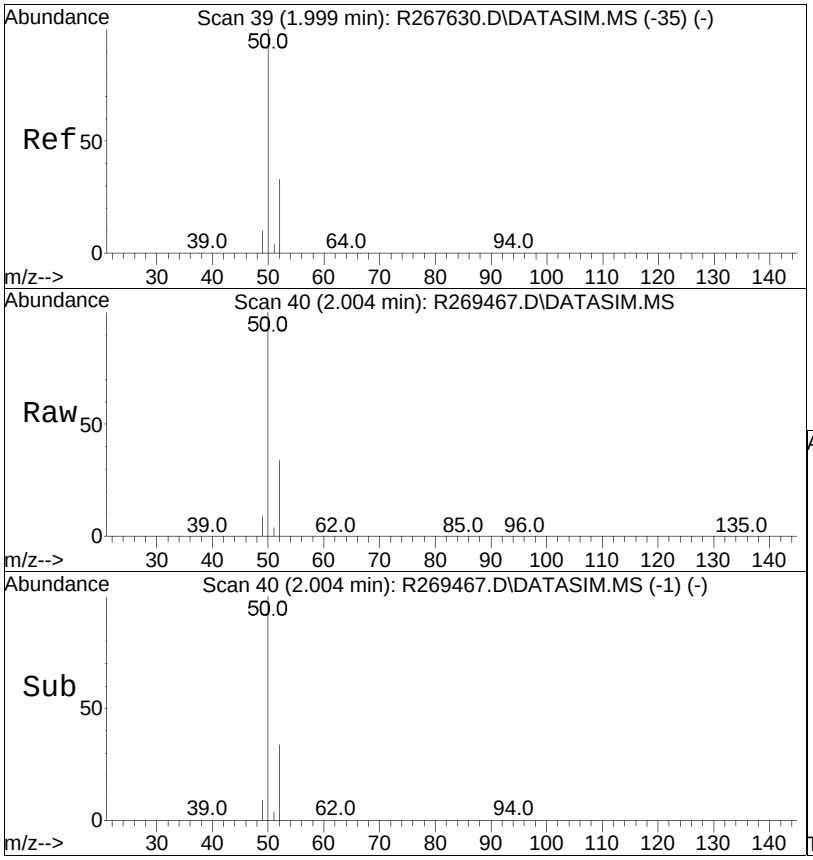


#3
dichlorodifluoromethane
Concen: 5.24 ppbV
RT: 1.960 min Scan# 32
Delta R.T. 0.006 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 85 Resp: 253565

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.2	39.4

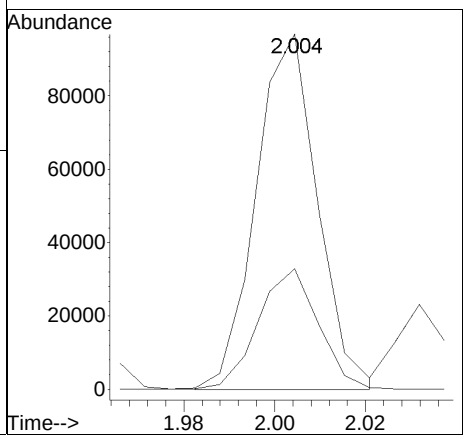


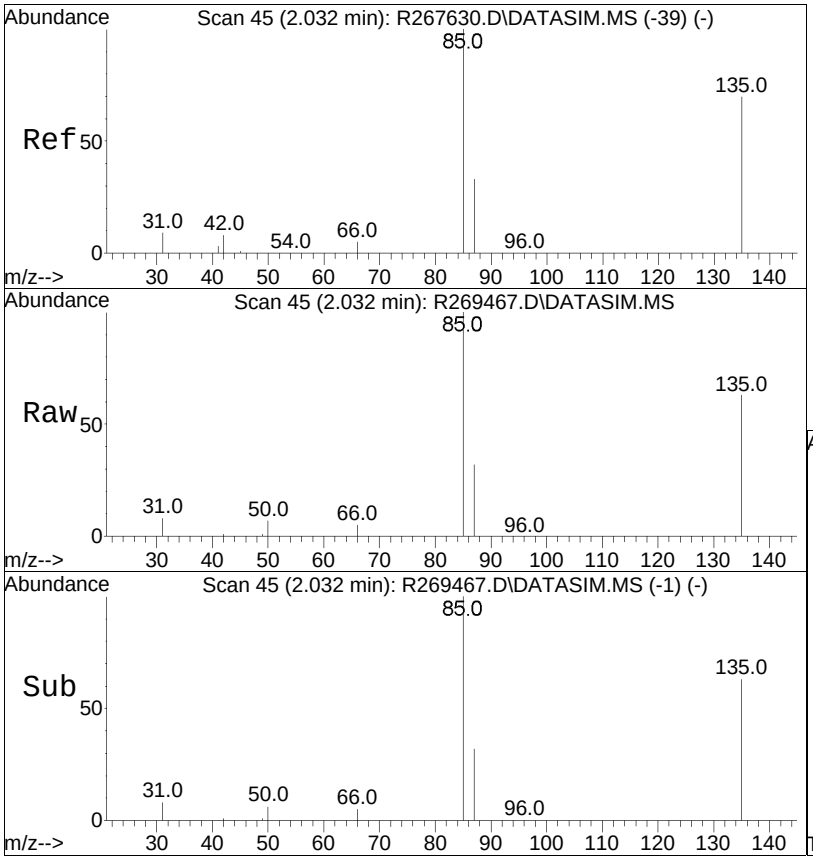


#4
chloromethane
Concen: 5.41 ppbV m
RT: 2.004 min Scan# 40
Delta R.T. 0.006 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 50 Resp: 90704

Ion	Ratio	Lower	Upper
50	100		
52	33.2	22.2	33.4

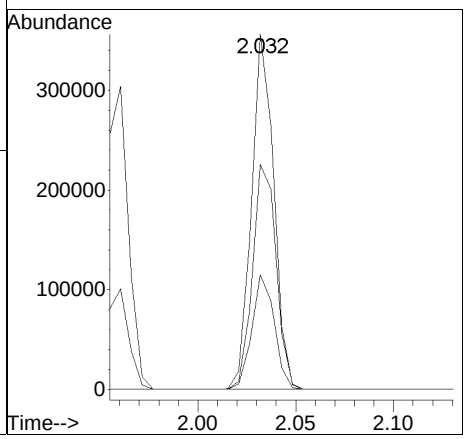


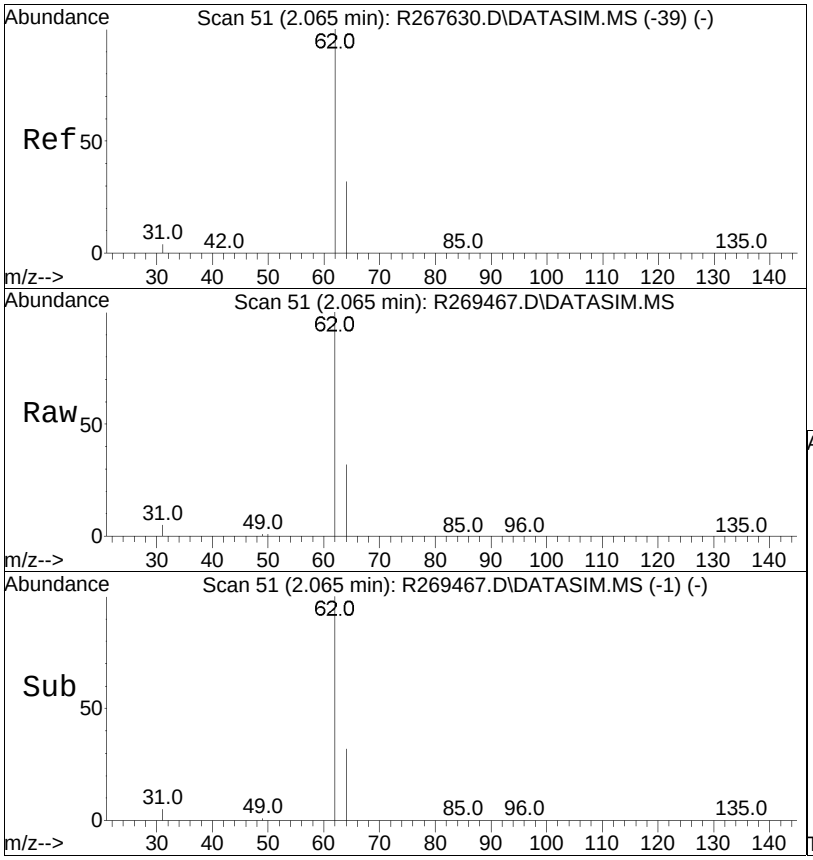


#5
Freon-114
Concen: 5.25 ppbV
RT: 2.032 min Scan# 45
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 85 Resp: 281736

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.2
135	67.2	55.9	83.9

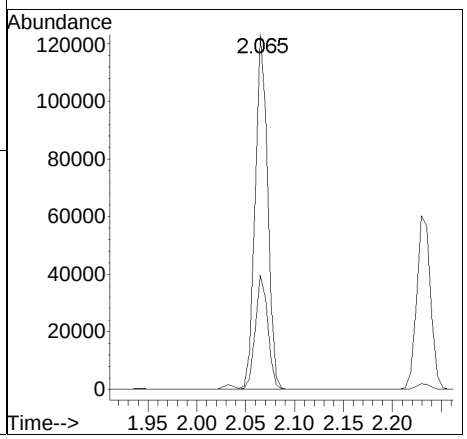


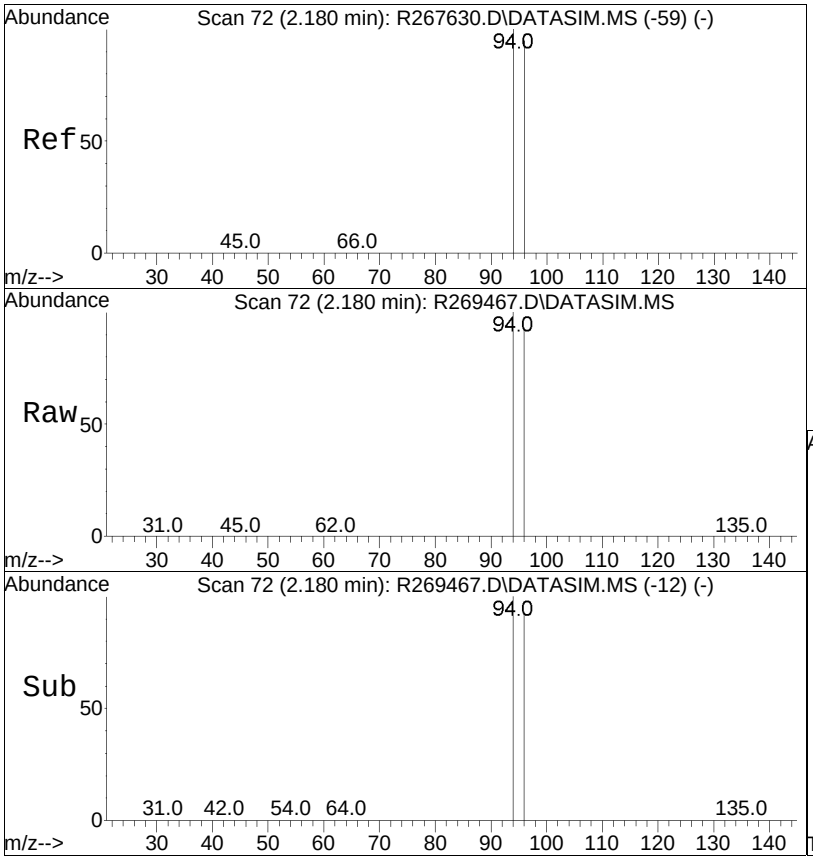


#6
vinyl chloride
Concen: 5.28 ppbV
RT: 2.065 min Scan# 51
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 62 Resp: 110698

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.6	38.4

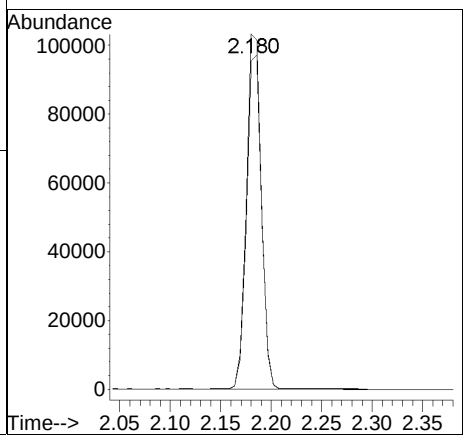


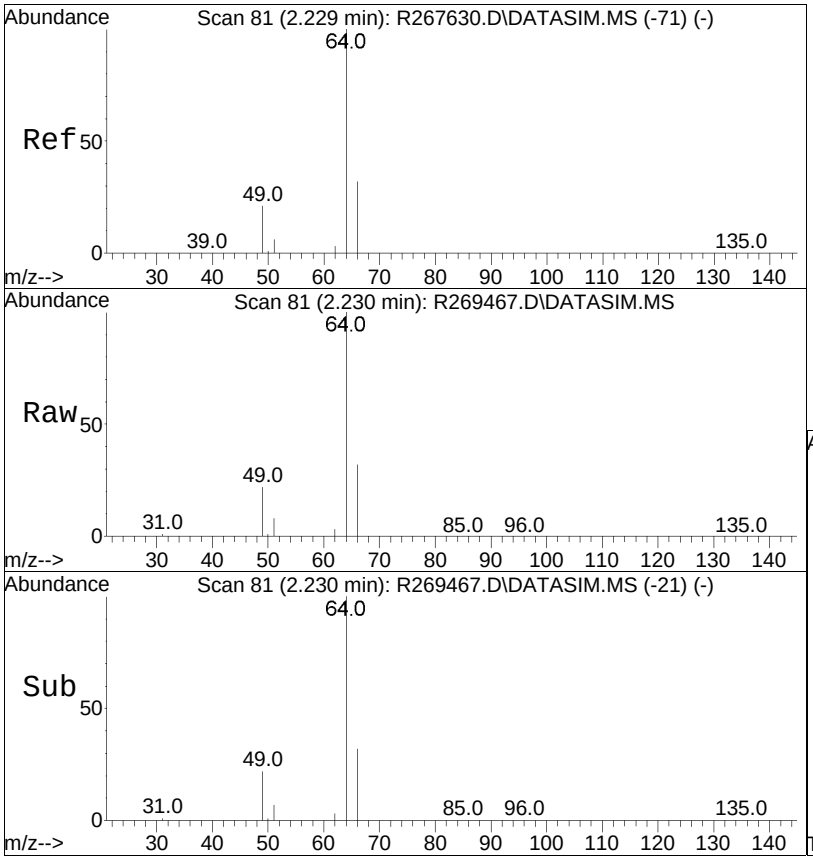


#8
bromomethane
Concen: 5.32 ppbV
RT: 2.180 min Scan# 72
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 94 Resp: 106461

Ion	Ratio	Lower	Upper
94	100		
96	94.8	75.8	113.8

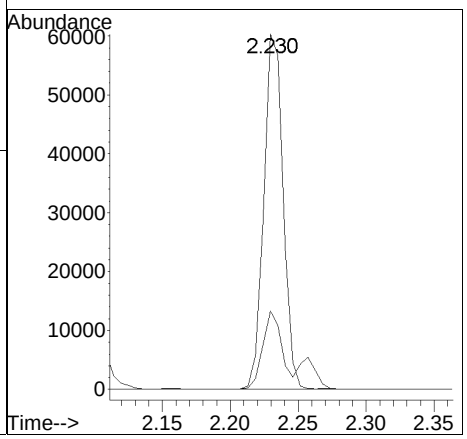


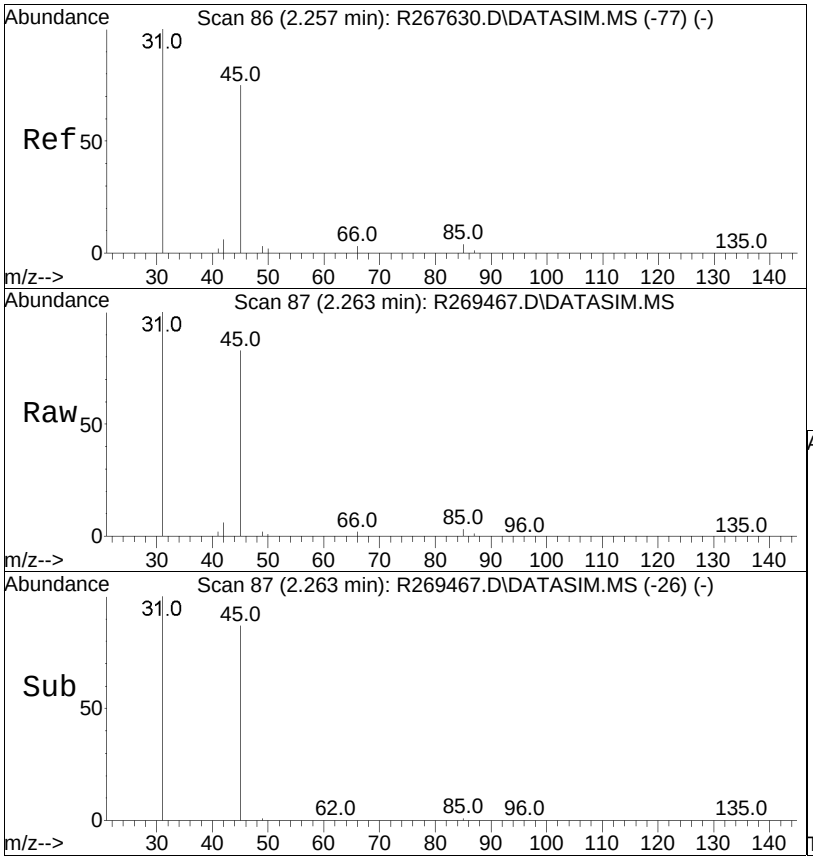


#9
chloroethane
Concen: 5.23 ppbV
RT: 2.230 min Scan# 81
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 64 Resp: 59390

Ion	Ratio	Lower	Upper
64	100		
49	29.9	24.9	37.3

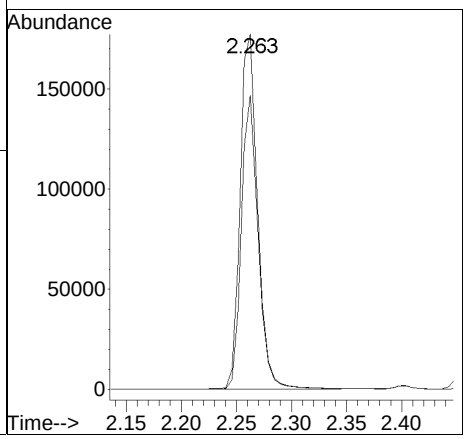


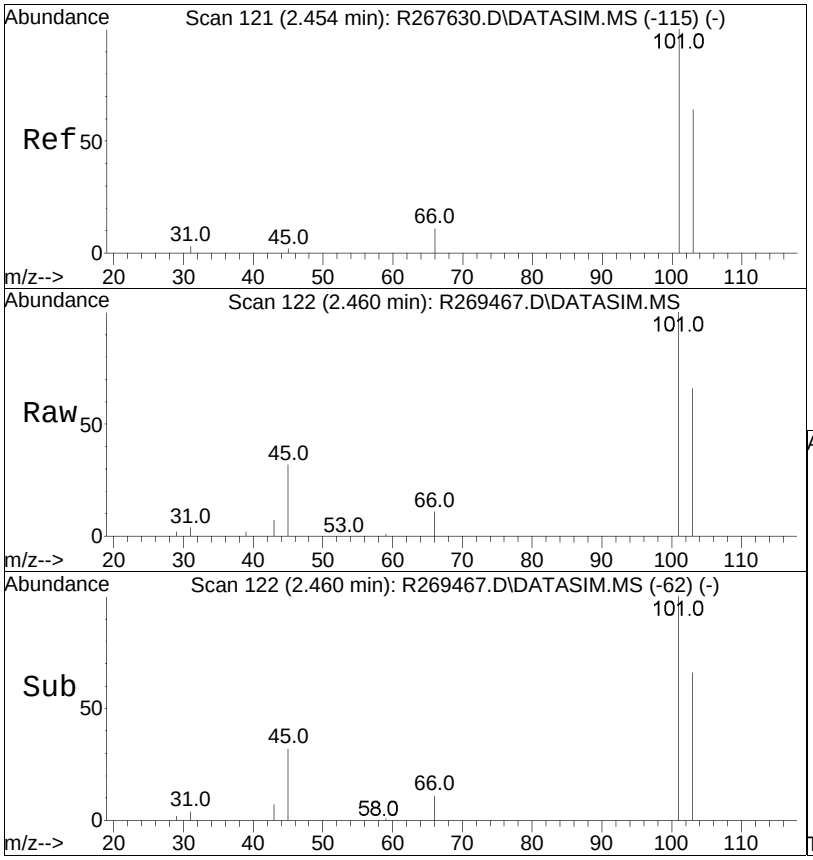


#10
ethanol
Concen: 24.27 ppbV
RT: 2.263 min Scan# 87
Delta R.T. 0.006 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 31 Resp: 198063

Ion	Ratio	Lower	Upper
31	100		
45	79.8	63.0	94.4

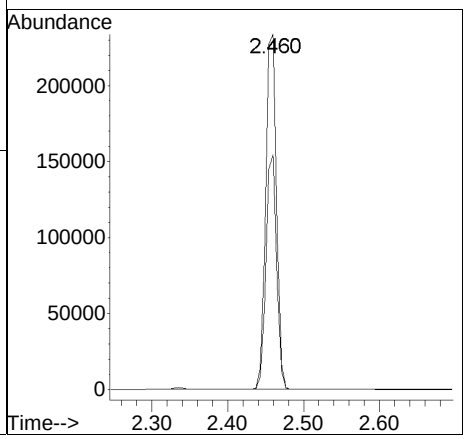


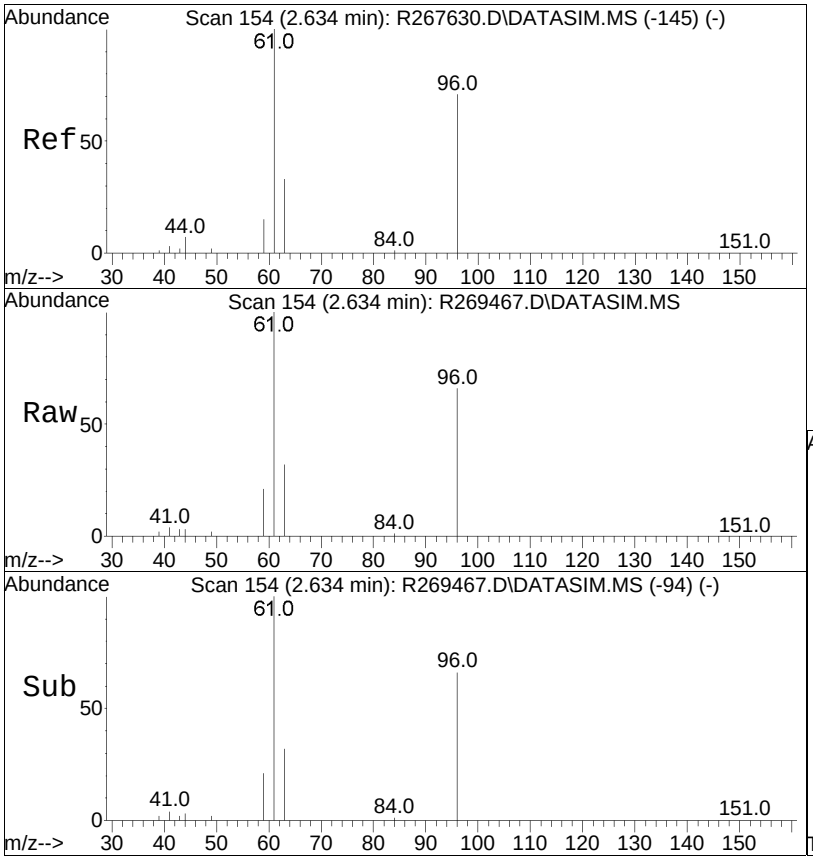


#14
trichlorofluoromethane
Concen: 5.07 ppbV
RT: 2.460 min Scan# 122
Delta R.T. 0.006 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:101 Resp: 230909

Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.9	77.9

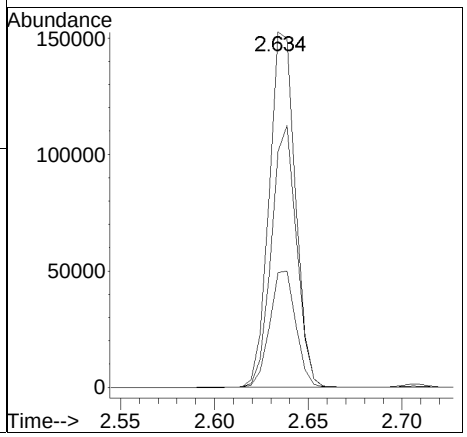


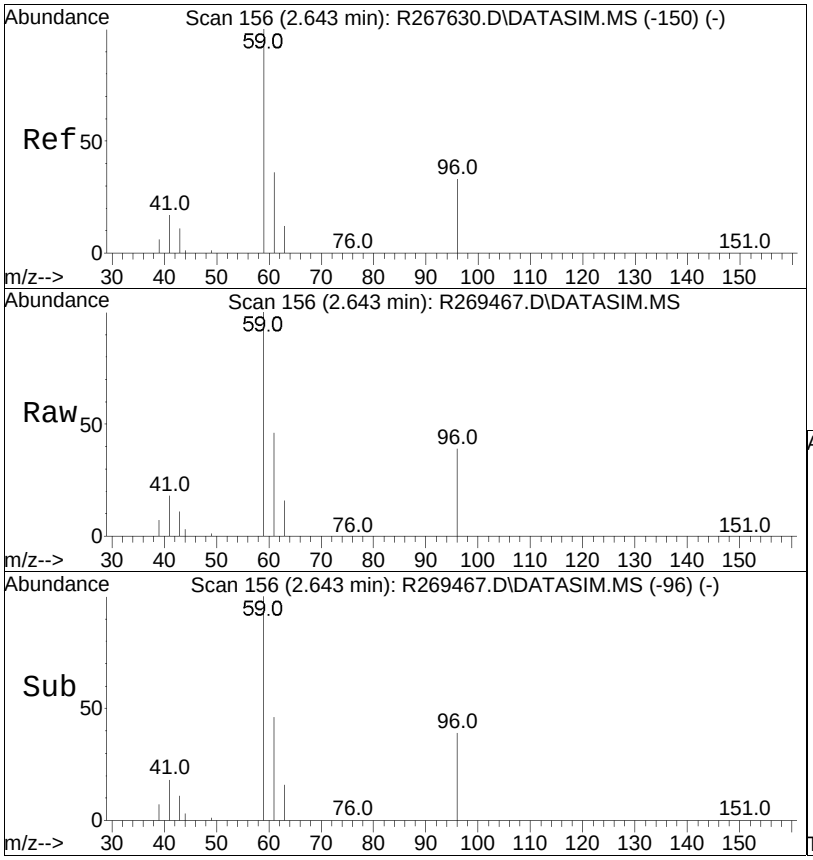


#17
1,1-dichloroethene
Concen: 5.27 ppbV
RT: 2.634 min Scan# 154
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 61 Resp: 149328

Ion	Ratio	Lower	Upper
61	100		
96	71.1	59.6	89.4
63	32.8	26.3	39.5

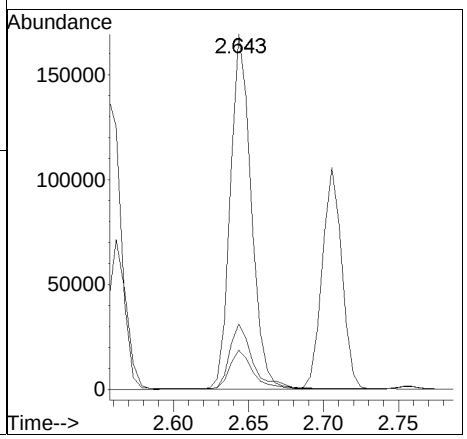


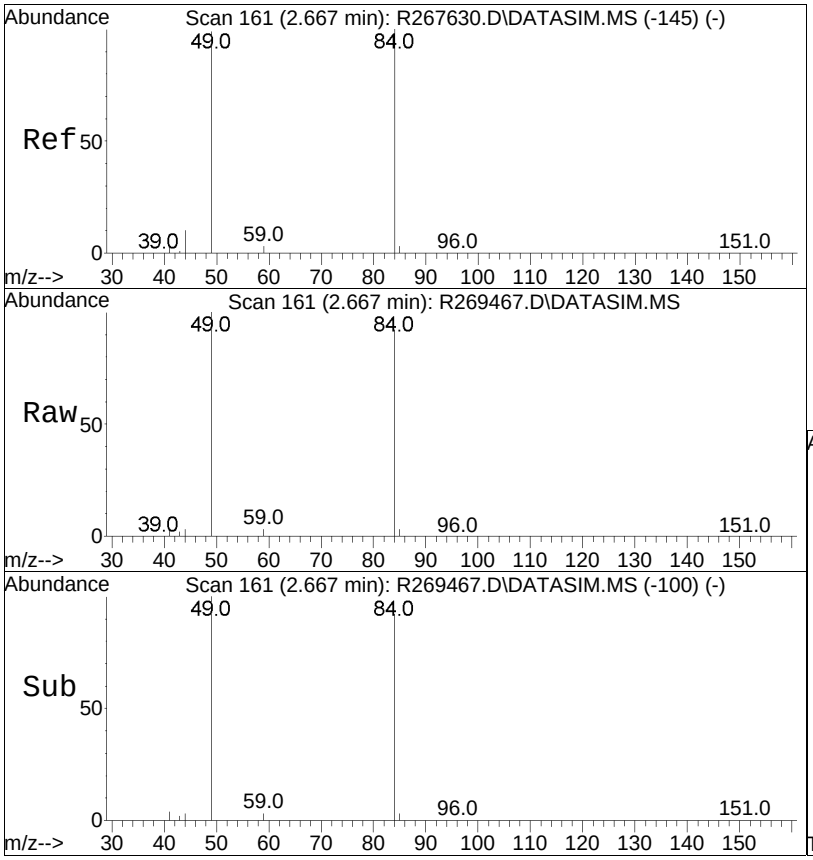


#18
tertiary butyl alcohol
Concen: 4.80 ppbV
RT: 2.643 min Scan# 156
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 59 Resp: 164196

Ion	Ratio	Lower	Upper
59	100		
41	19.5	13.1	19.7
43	11.6	8.7	13.1

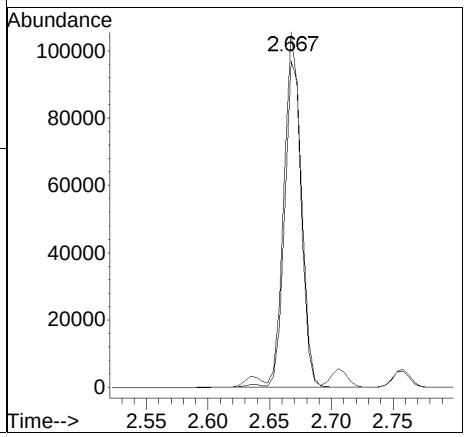


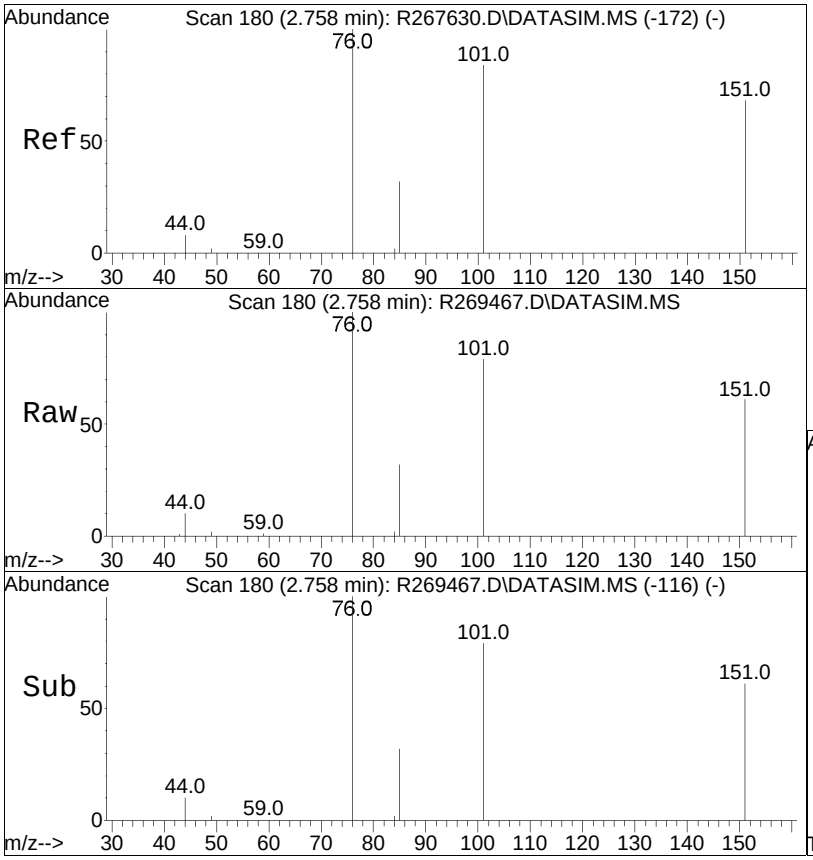


#19
methylene chloride
Concen: 5.92 ppbV
RT: 2.667 min Scan# 161
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 49 Resp: 108505

Ion	Ratio	Lower	Upper
49	100		
84	88.5	77.0	115.4

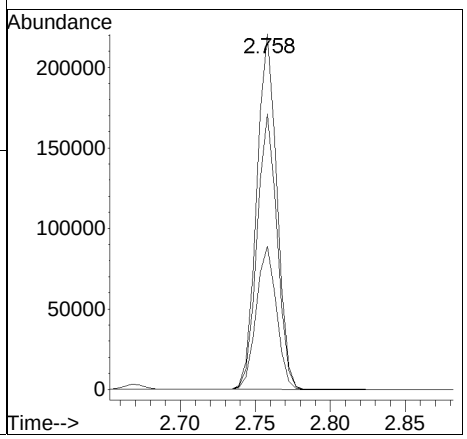


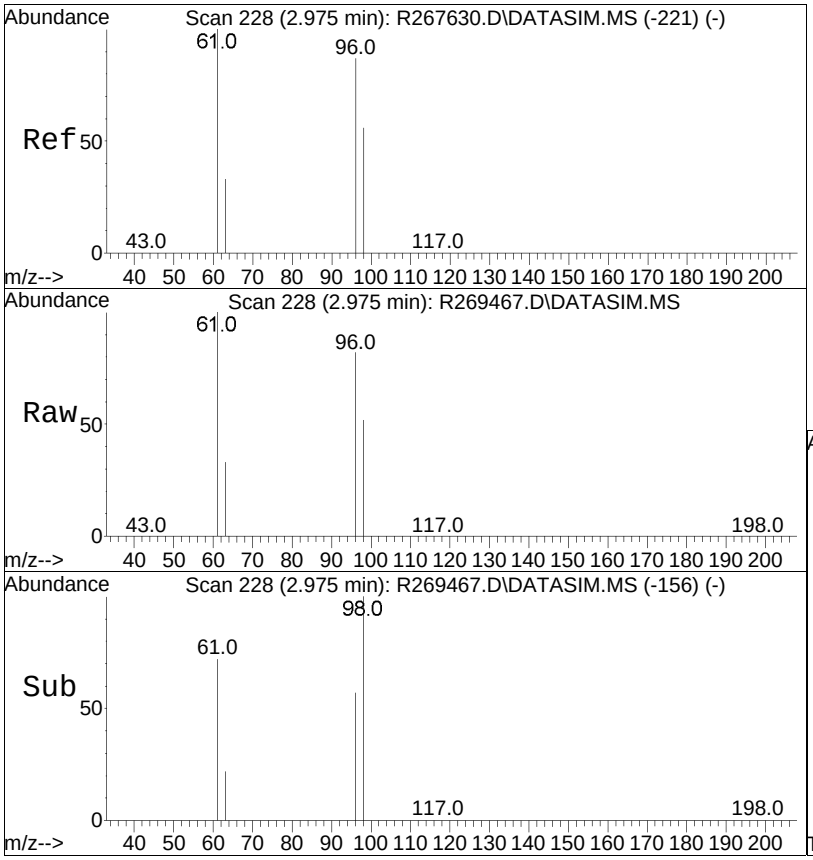


#22
Freon 113
Concen: 5.02 ppbV
RT: 2.758 min Scan# 180
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:101 Resp: 206665

Ion	Ratio	Lower	Upper
101	100		
85	40.5	31.4	47.0
151	77.1	64.1	96.1

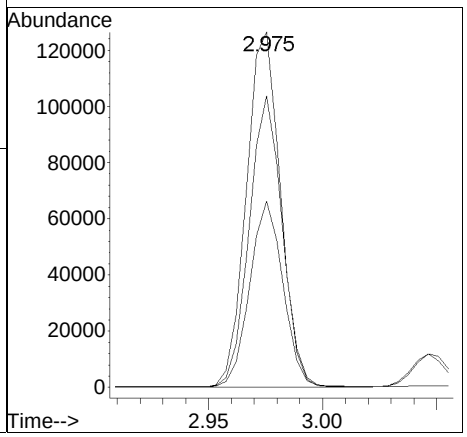


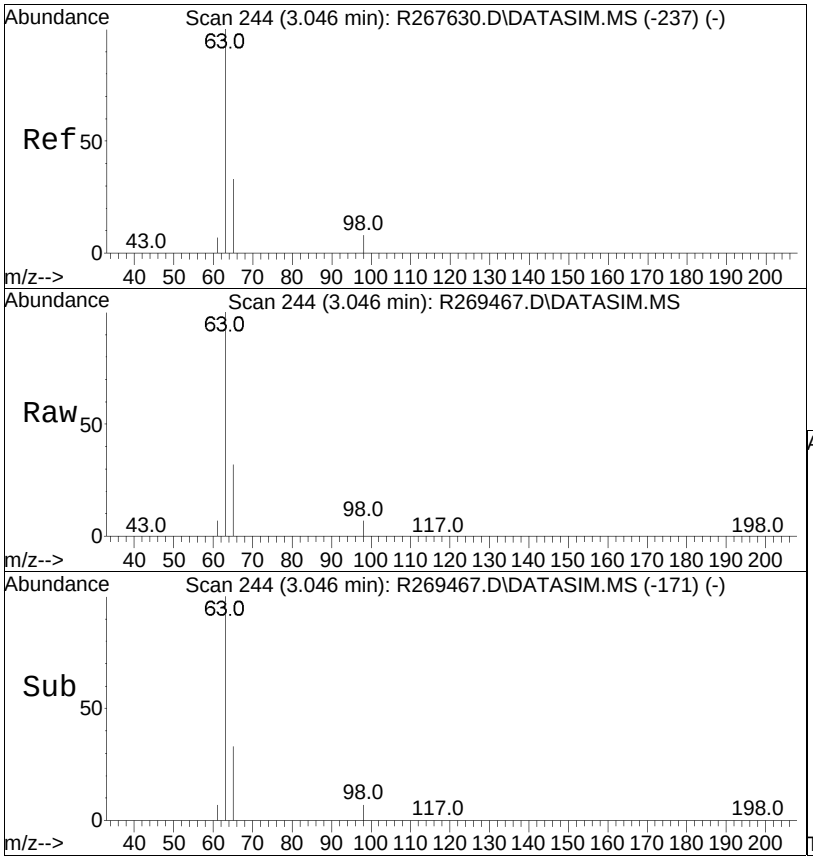


#23
trans-1,2-dichloroethene
Concen: 5.26 ppbV
RT: 2.975 min Scan# 228
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 61 Resp: 130526

Ion	Ratio	Lower	Upper
61	100		
96	79.7	67.0	100.6
98	51.0	42.9	64.3

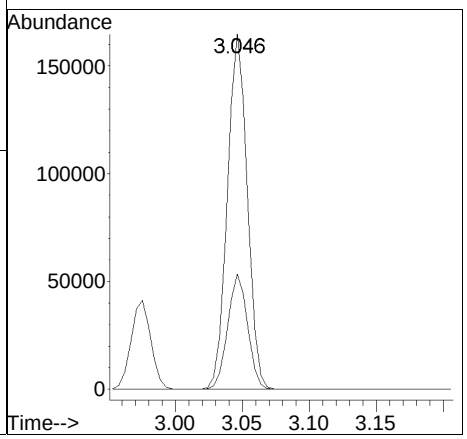


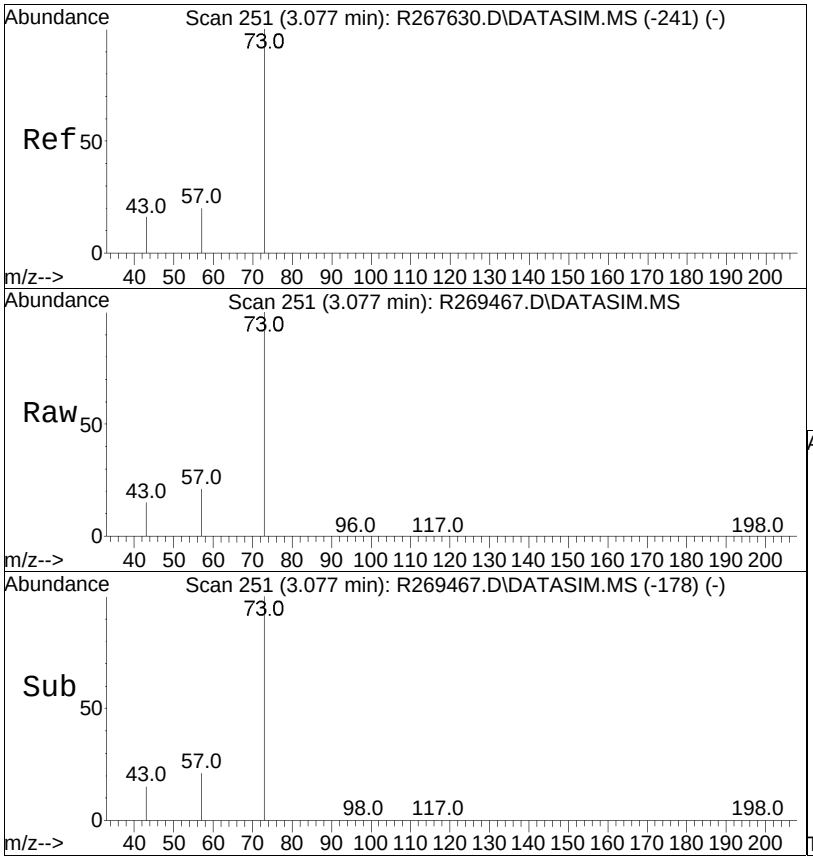


#24
1,1-dichloroethane
Concen: 5.07 ppbV
RT: 3.046 min Scan# 244
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 63 Resp: 170208

Ion	Ratio	Lower	Upper
63	100		
65	32.4	26.2	39.2

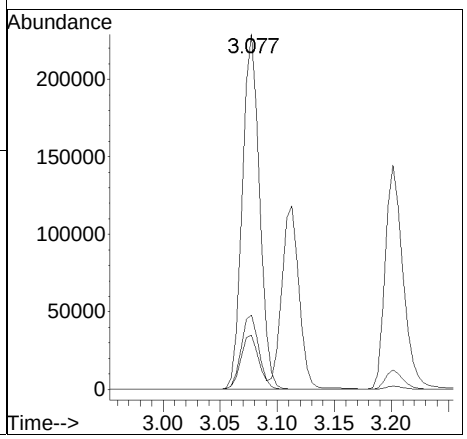


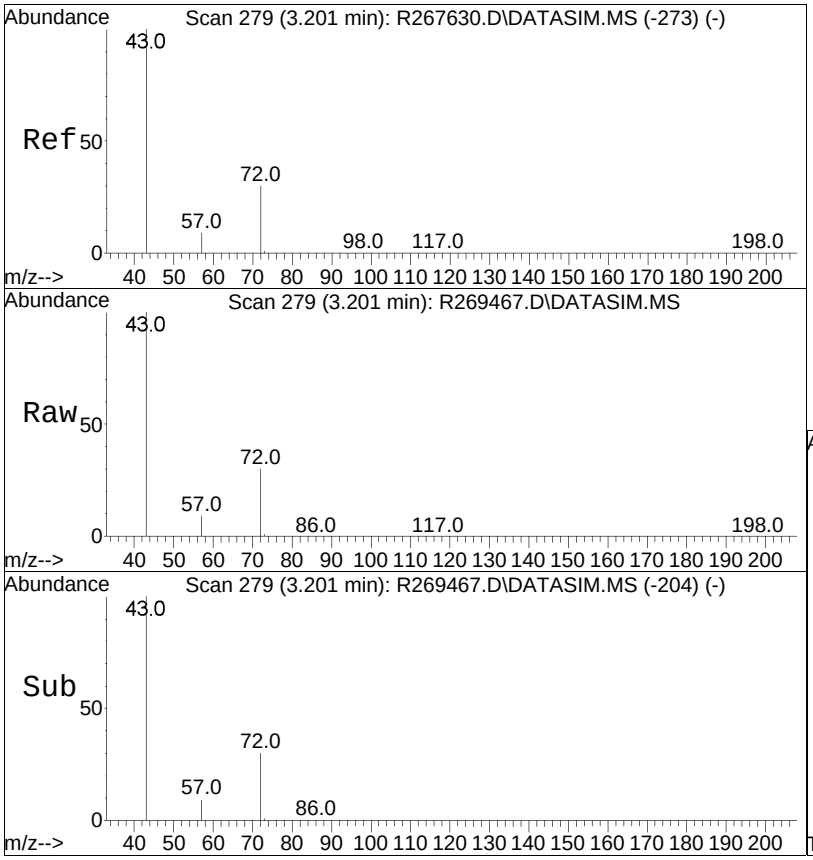


#25
MTBE
Concen: 5.02 ppbV
RT: 3.077 min Scan# 251
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 73 Resp: 241016

Ion	Ratio	Lower	Upper
73	100		
57	21.4	0.2	0.2#
43	13.0	0.2	0.4#

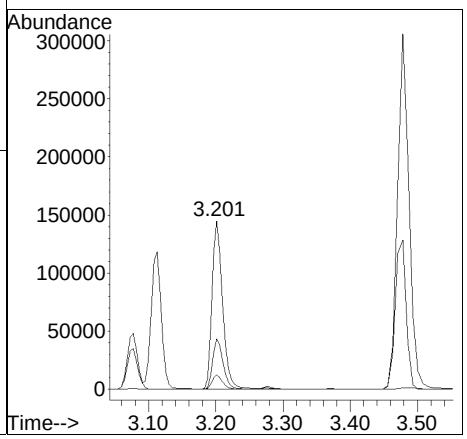


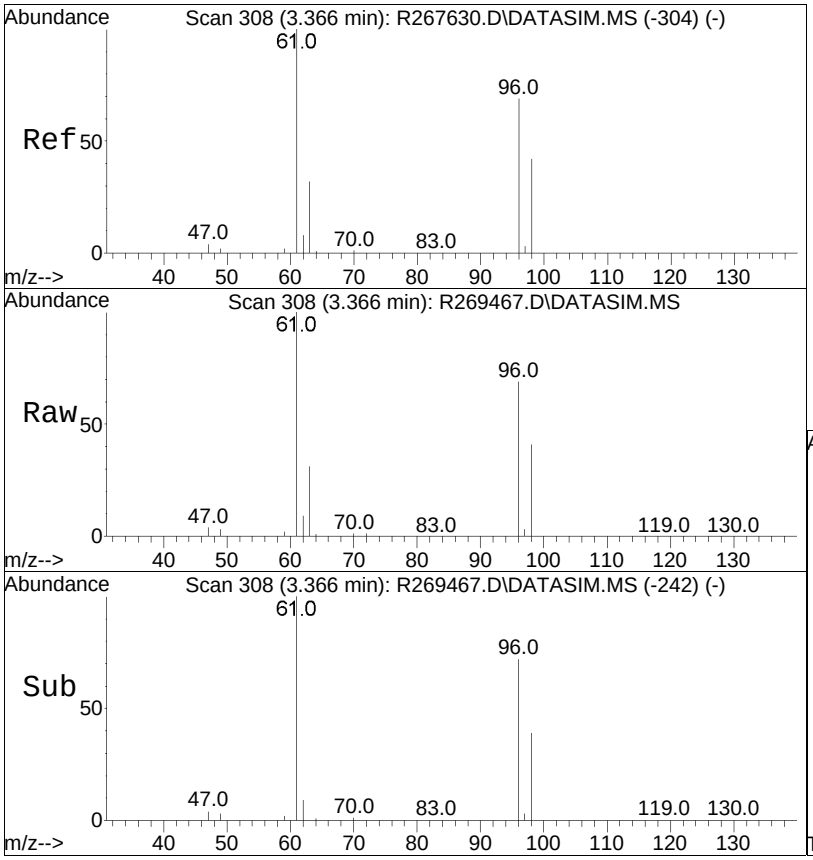


#27
2-butanone
Concen: 5.42 ppbV
RT: 3.201 min Scan# 279
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 43 Resp: 207749

Ion	Ratio	Lower	Upper
43	100		
72	26.2	23.2	34.8
57	6.4	5.8	8.8

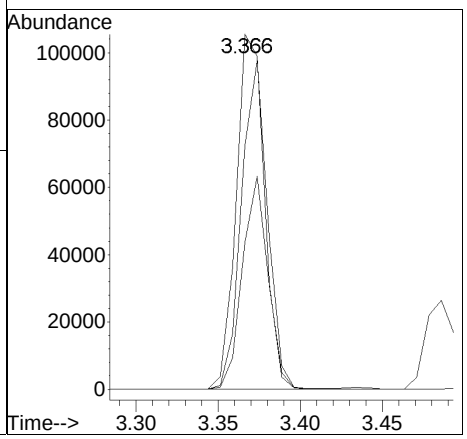


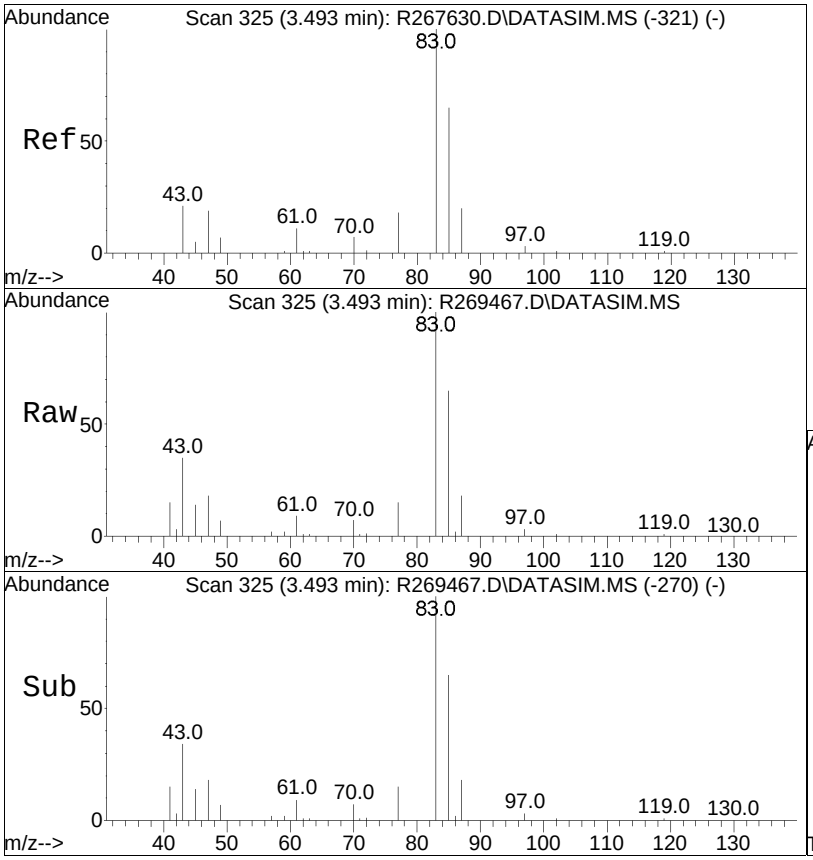


#28
cis-1,2-dichloroethene
Concen: 4.50 ppbV
RT: 3.366 min Scan# 308
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 61 Resp: 125369

Ion	Ratio	Lower	Upper
61	100		
96	86.2	70.8	106.2
98	54.7	44.9	67.3

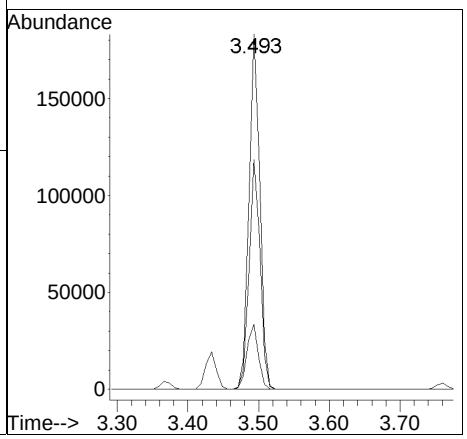


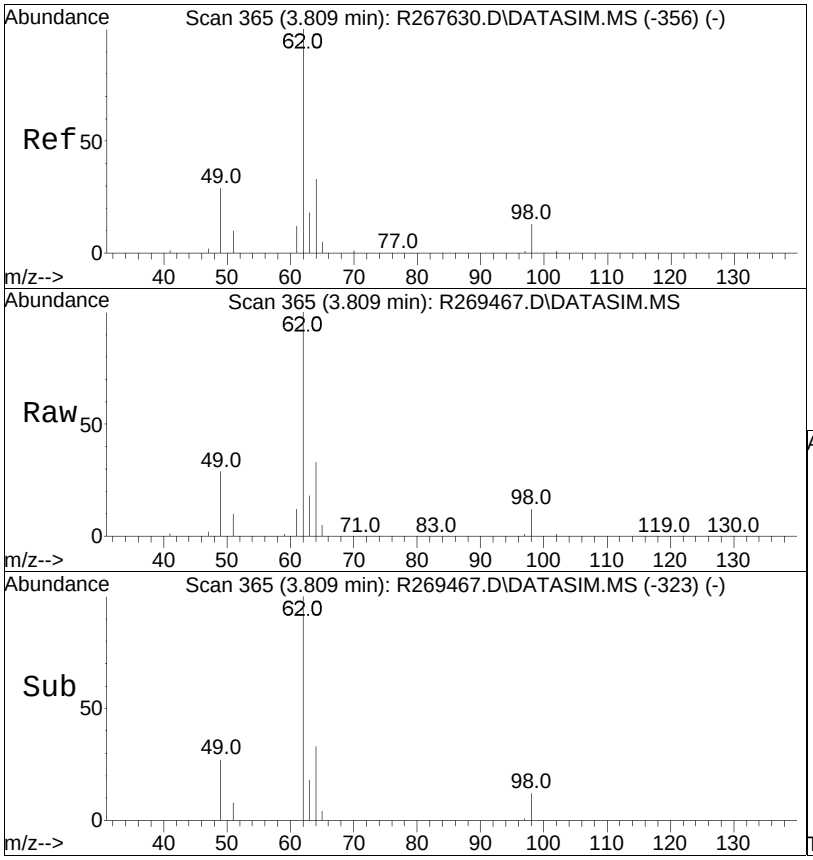


#30
chloroform
Concen: 4.65 ppbV
RT: 3.493 min Scan# 325
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 83 Resp: 199408

Ion	Ratio	Lower	Upper
83	100		
85	64.4	0.0	0.0#
47	18.8	0.0	0.0#

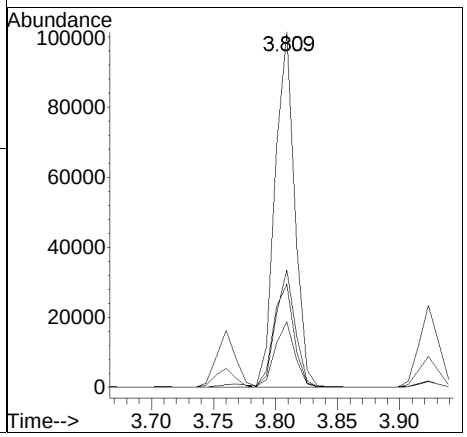


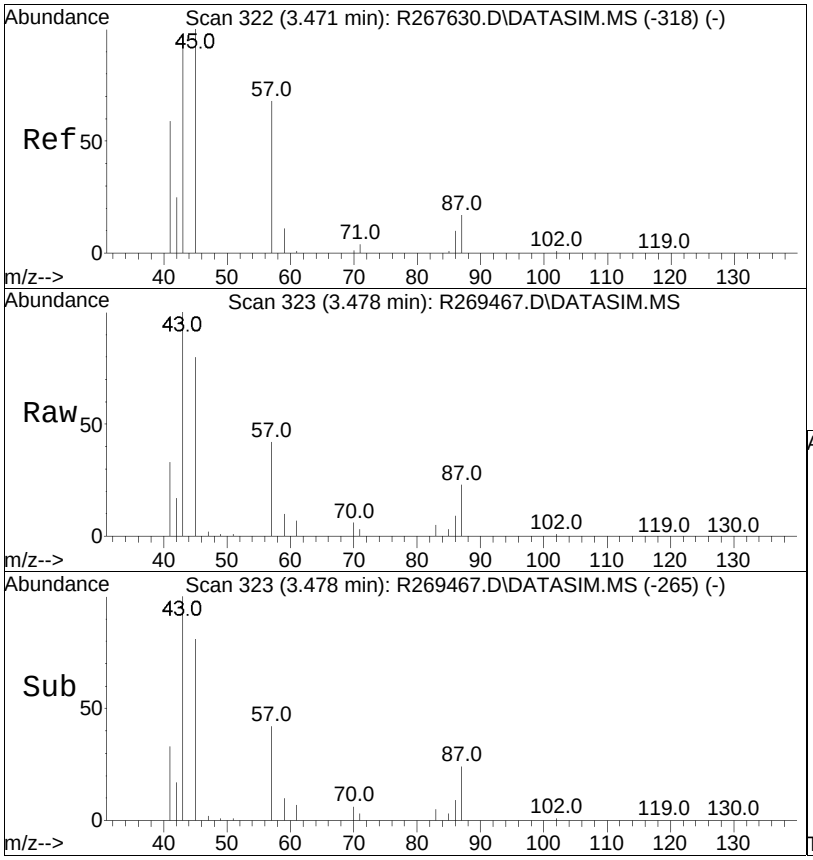


#32
1,2-dichloroethane
Concen: 4.53 ppbV
RT: 3.809 min Scan# 365
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 62 Resp: 111580

Ion	Ratio	Lower	Upper
62	100		
64	34.0	27.4	41.0
49	35.4	27.7	41.5
63	16.3	13.0	19.4

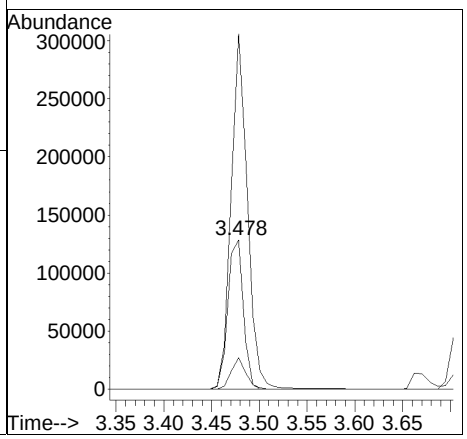


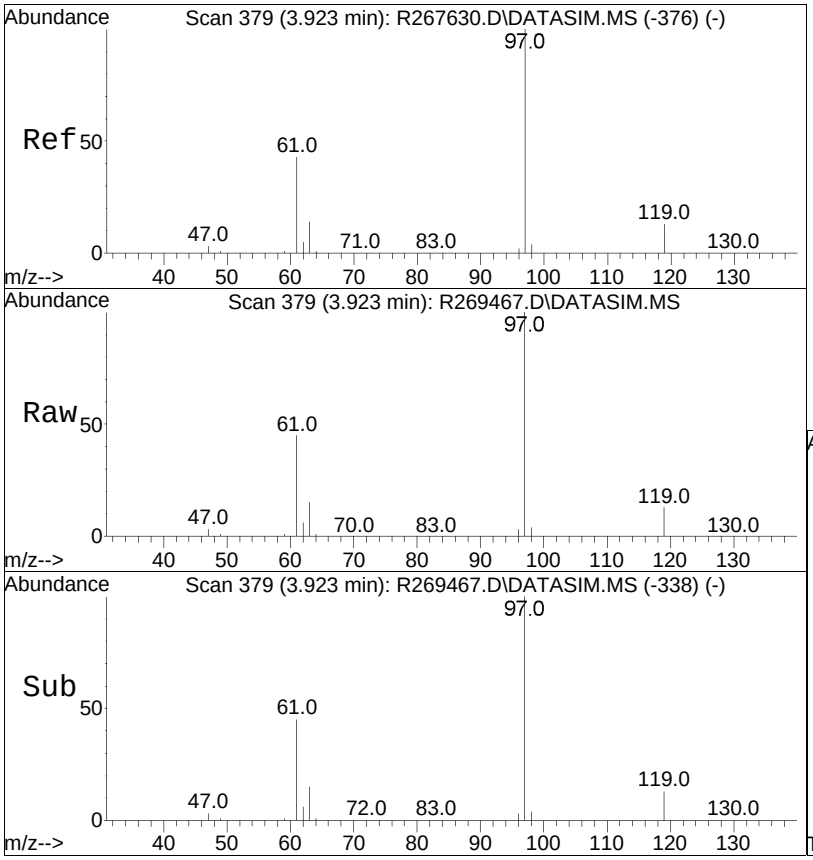


#34
hexane
Concen: 5.06 ppbV
RT: 3.478 min Scan# 323
Delta R.T. 0.008 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 57 Resp: 146125

Ion	Ratio	Lower	Upper
57	100		
43	251.0	0.0	0.0#
86	20.3	0.0	0.0#

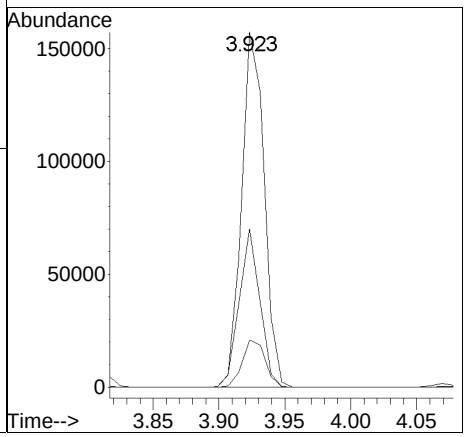


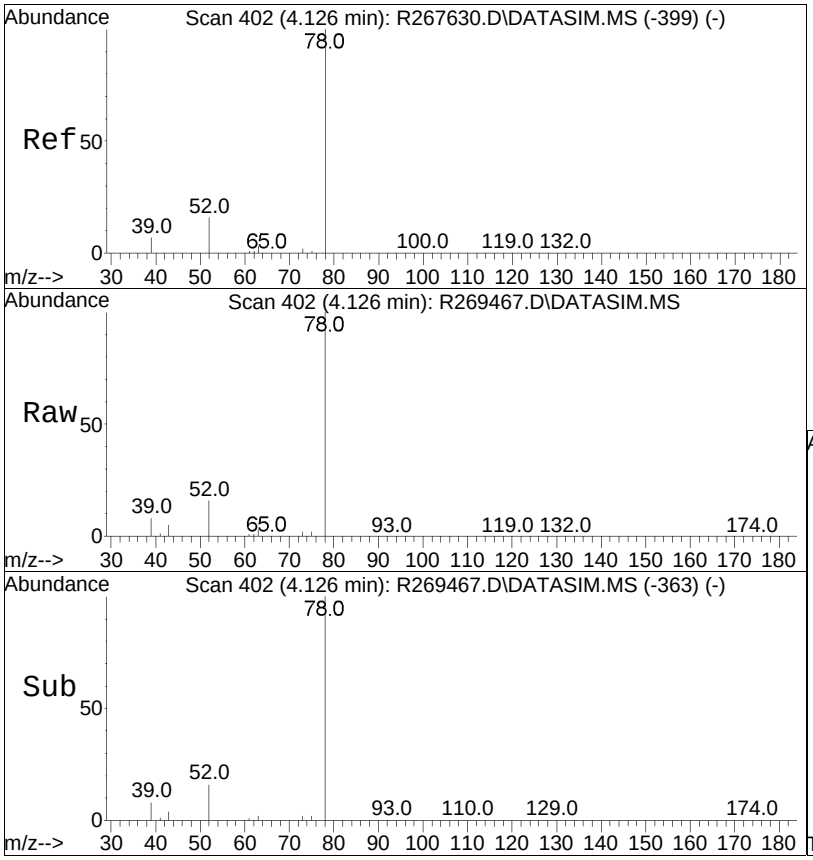


#36
1,1,1-trichloroethane
Concen: 4.78 ppbV
RT: 3.923 min Scan# 379
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 97 Resp: 187516

Ion	Ratio	Lower	Upper
97	100		
61	40.8	7.1	10.7#
119	13.9	0.0	0.0#

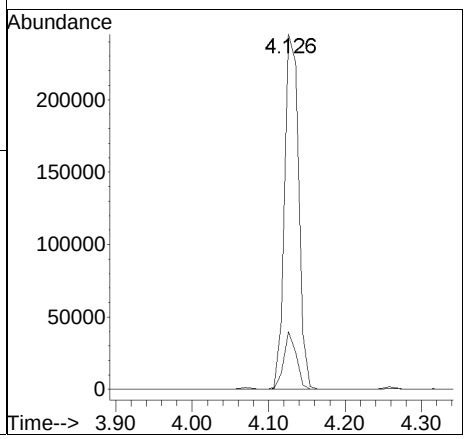


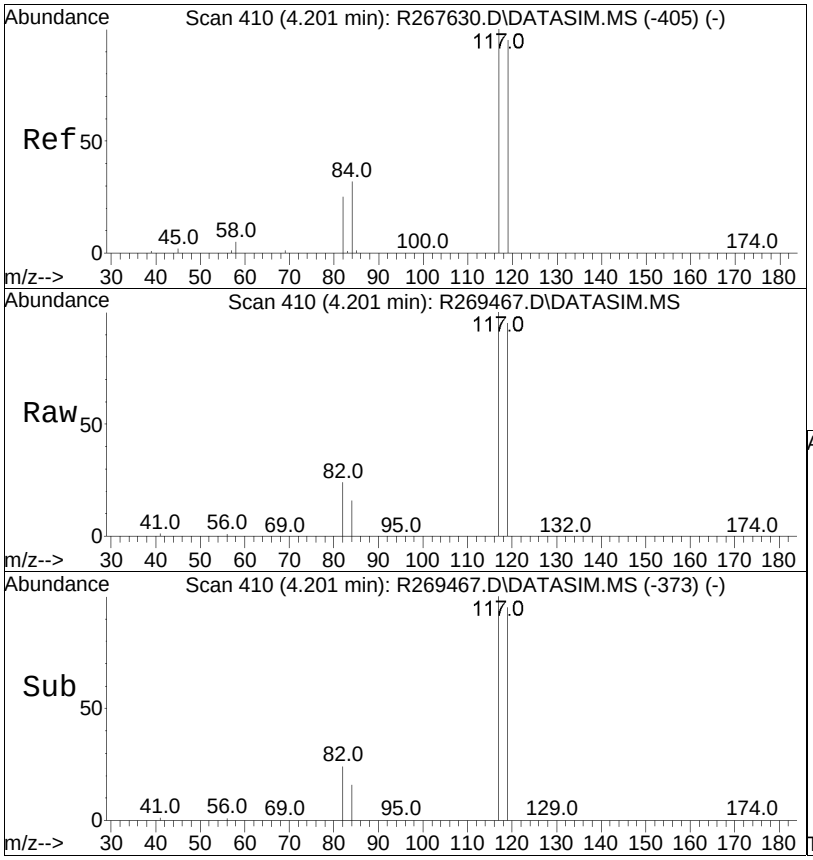


#37
benzene
Concen: 4.87 ppbV
RT: 4.126 min Scan# 402
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 78 Resp: 316145

Ion	Ratio	Lower	Upper
78	100		
52	14.4	0.0	0.0#

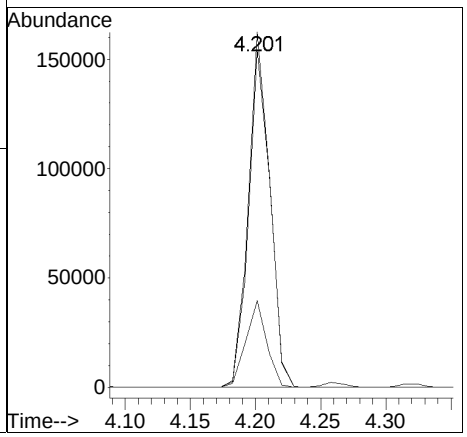


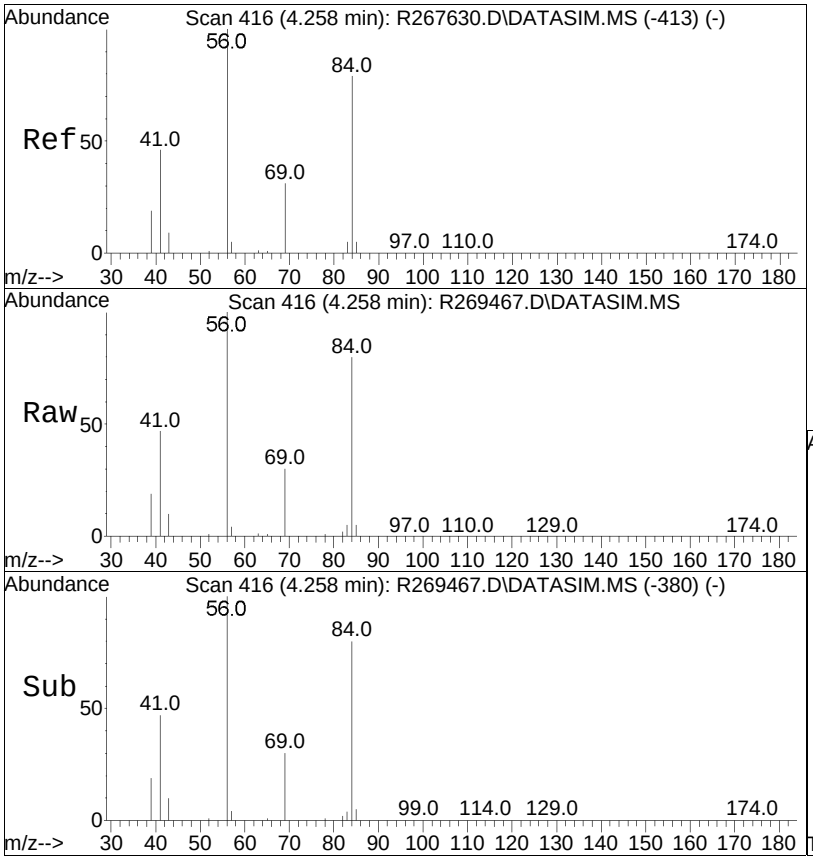


#38
carbon tetrachloride
Concen: 4.96 ppbV
RT: 4.201 min Scan# 410
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:117 Resp: 185500

Ion	Ratio	Lower	Upper
117	100		
119	95.7	0.0	0.0#
82	23.1	2.7	4.1#

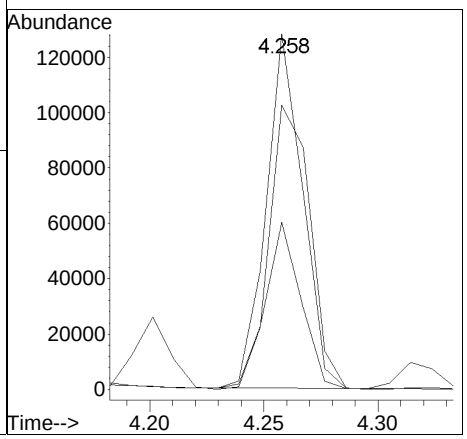


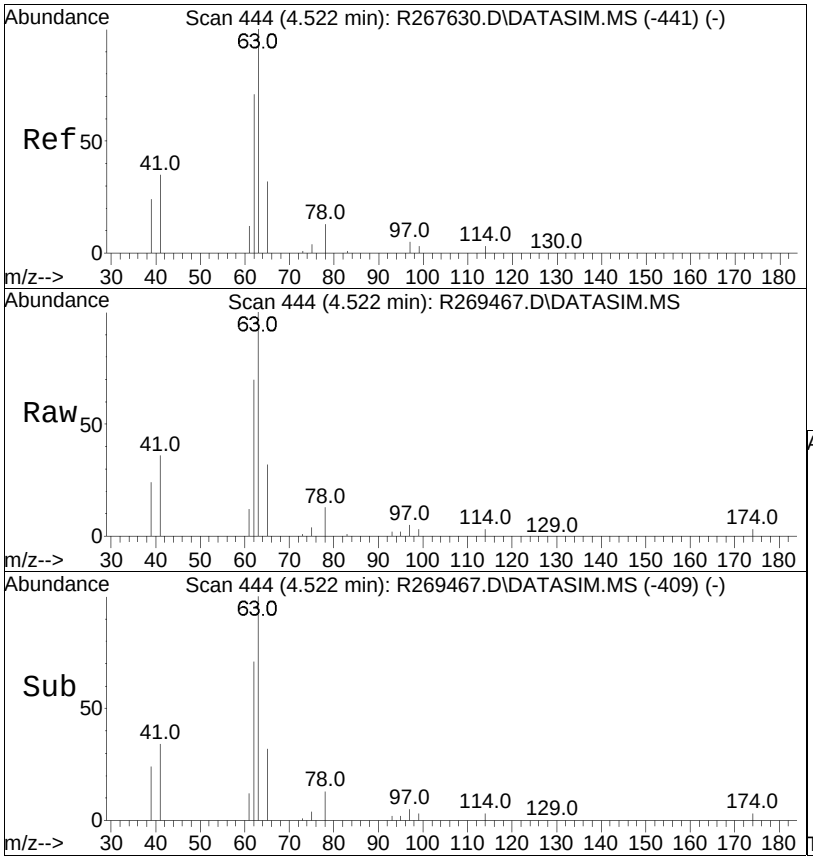


#39
cyclohexane
Concen: 5.15 ppbV
RT: 4.258 min Scan# 416
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 56 Resp: 141712

Ion	Ratio	Lower	Upper
56	100		
84	111.6	2.6	3.8#
41	46.2	0.1	0.1#

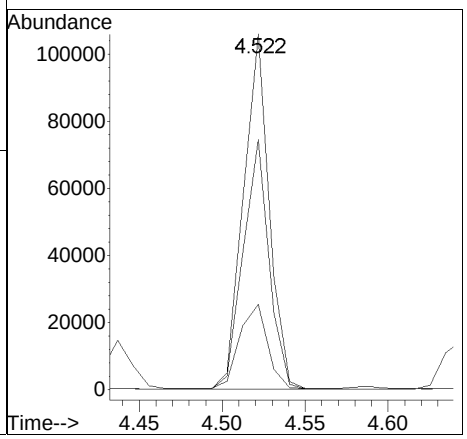


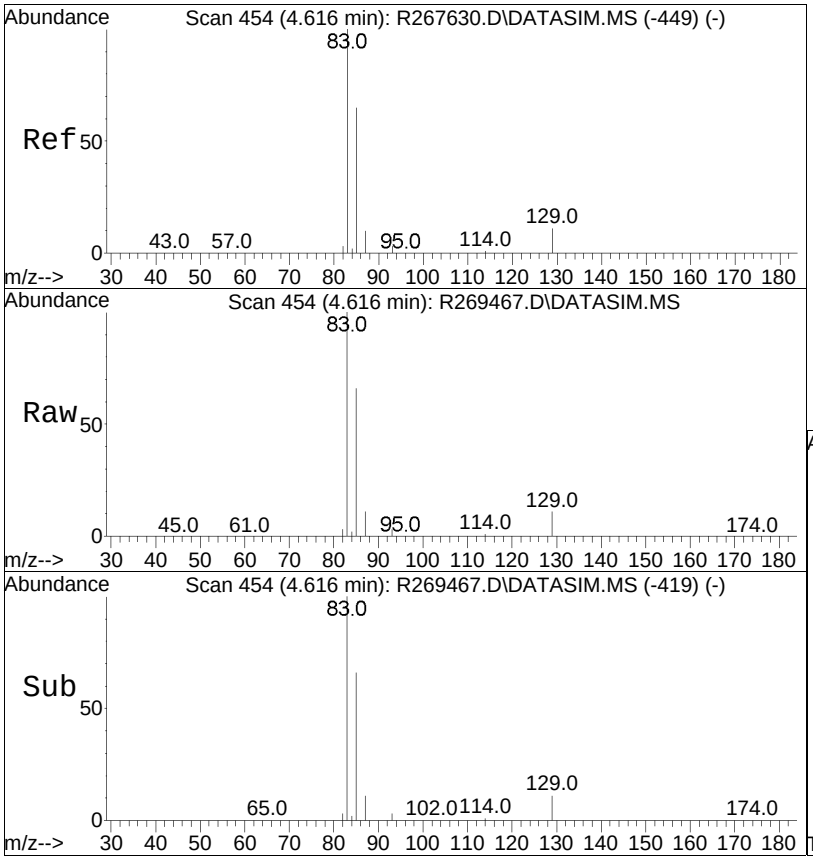


#41
1,2-dichloropropane
Concen: 4.87 ppbV
RT: 4.522 min Scan# 444
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 63 Resp: 114715

Ion	Ratio	Lower	Upper
63	100		
62	70.6	14.3	21.5#
39	25.8	4.9	7.3#

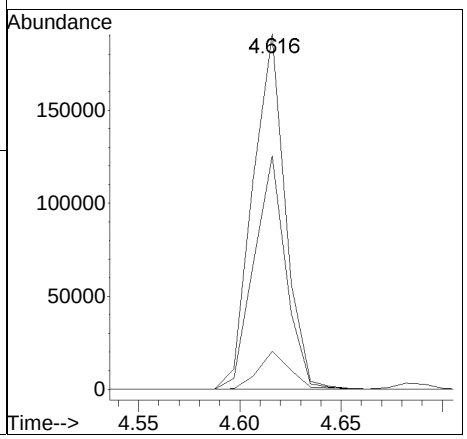


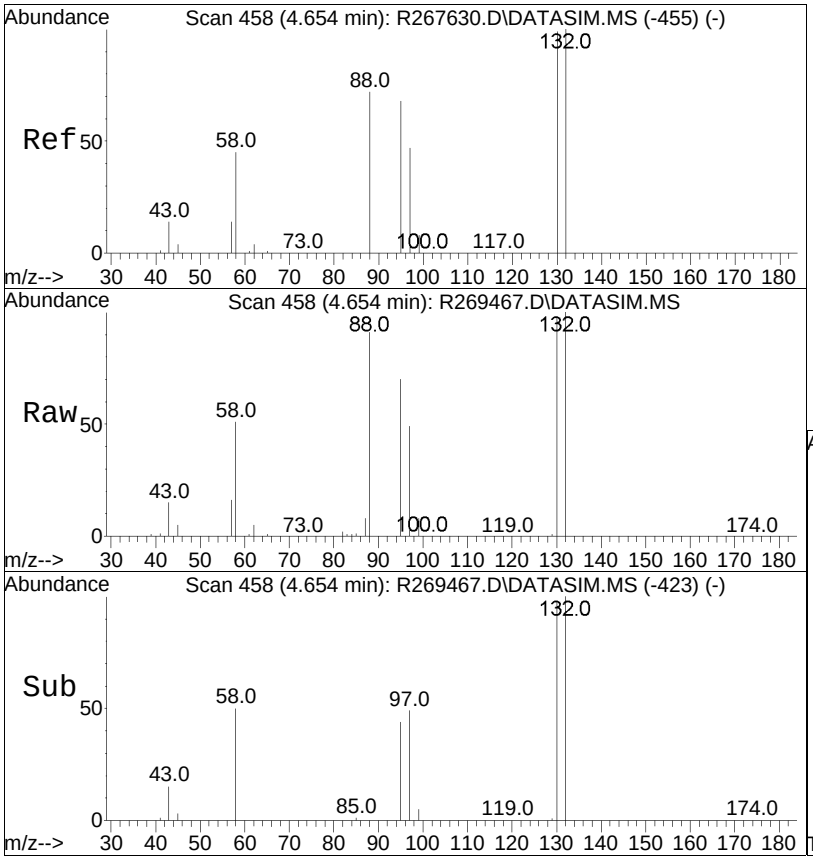


#42
bromodichloromethane
Concen: 5.27 ppbV
RT: 4.616 min Scan# 454
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 83 Resp: 213277

Ion	Ratio	Lower	Upper
83	100		
85	64.7	0.0	0.0#
129	10.8	0.0	0.0#

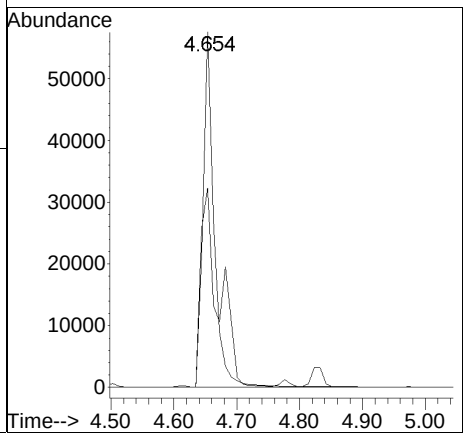


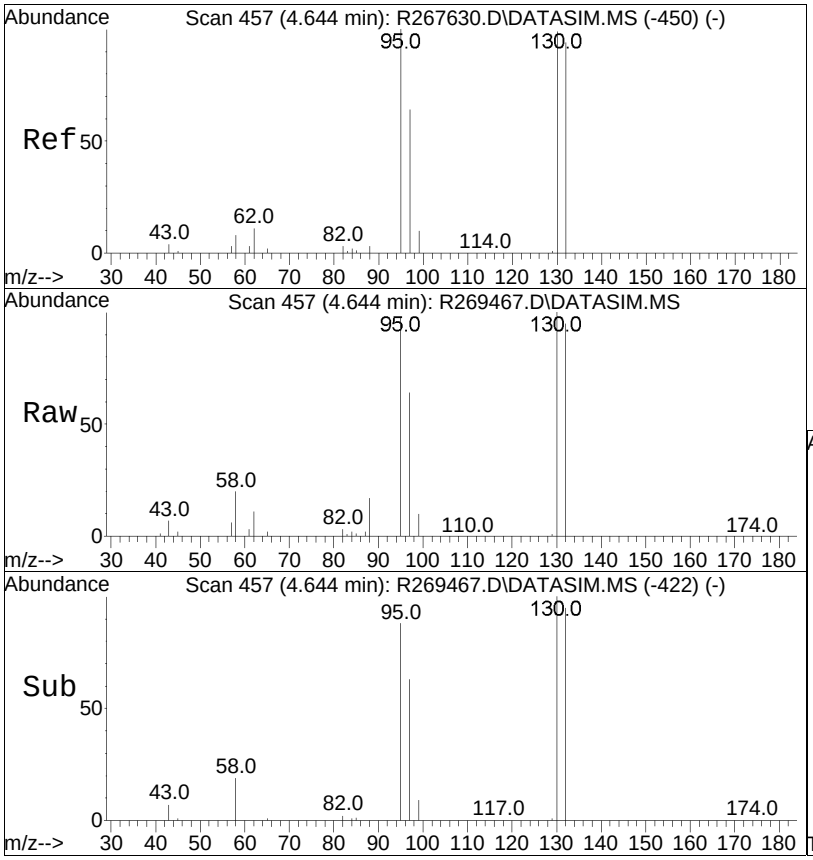


#43
1,4-dioxane
Concen: 5.41 ppbV
RT: 4.654 min Scan# 458
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 88 Resp: 69736

Ion	Ratio	Lower	Upper
88	100		
58	92.3	1.9	2.9#

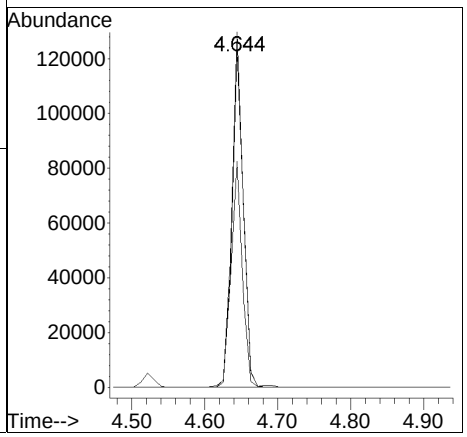


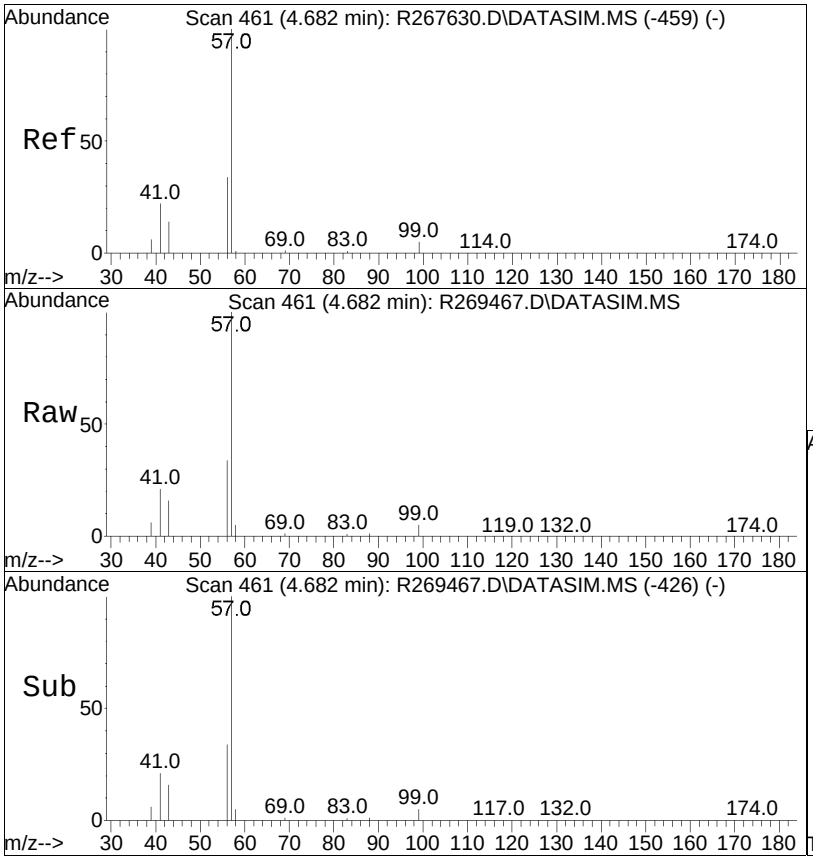


#44
trichloroethene
Concen: 4.49 ppbV
RT: 4.644 min Scan# 457
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:130 Resp: 139123

Ion	Ratio	Lower	Upper
130	100		
132	95.3	0.0	0.0#
97	64.2	0.2	0.2#

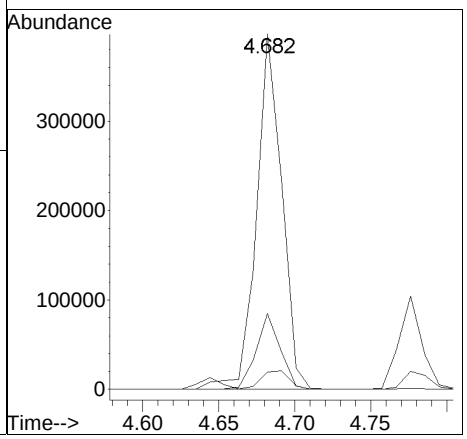


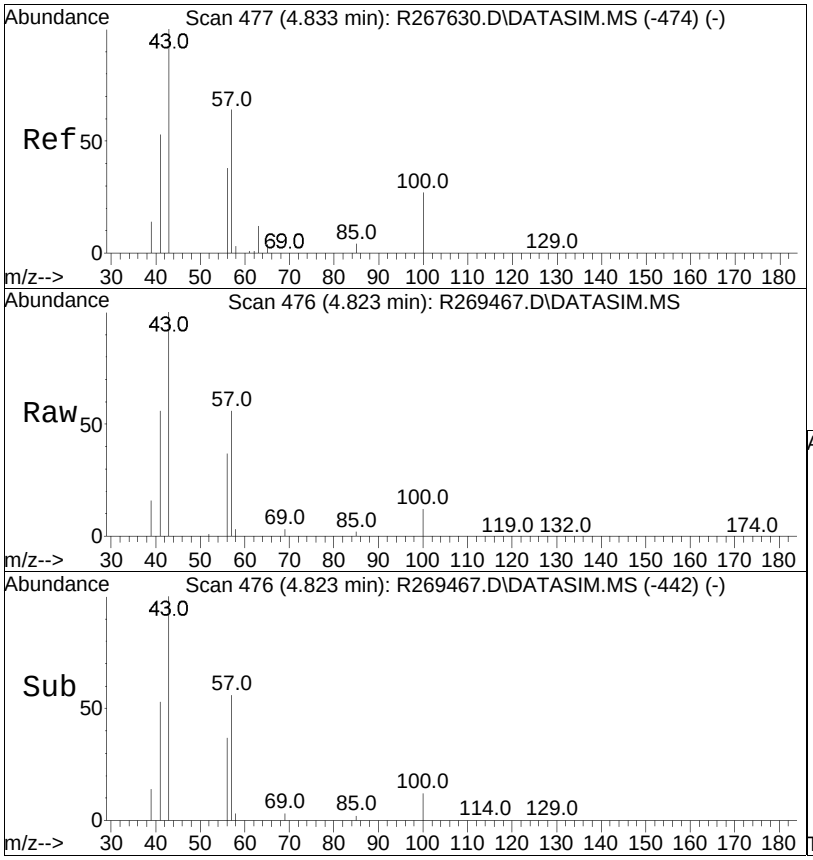


#45
2,2,4-trimethylpentane
Concen: 5.59 ppbV
RT: 4.682 min Scan# 461
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 57 Resp: 460750

Ion	Ratio	Lower	Upper
57	100		
99	8.9	0.0	0.0#
41	20.3	5.2	7.8#

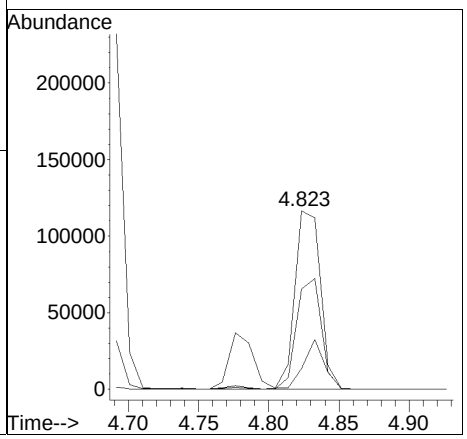


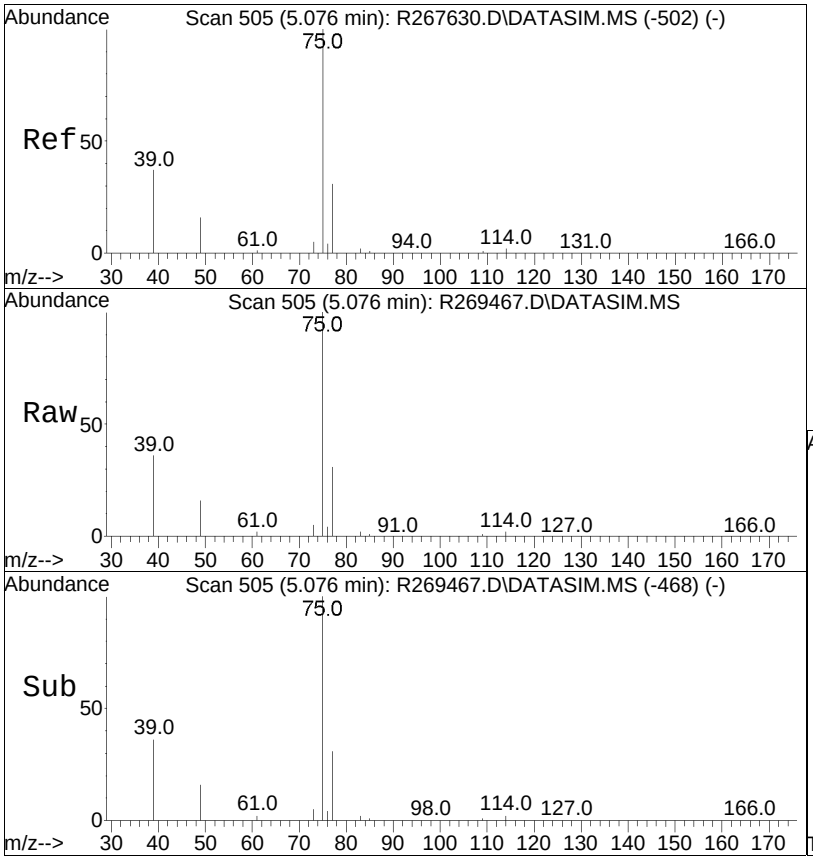


#46
heptane
Concen: 5.40 ppbV
RT: 4.823 min Scan# 476
Delta R.T. -0.009 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 43 Resp: 149105

Ion	Ratio	Lower	Upper
43	100		
57	60.0	3.0	4.6#
100	52.2	0.1	0.1#

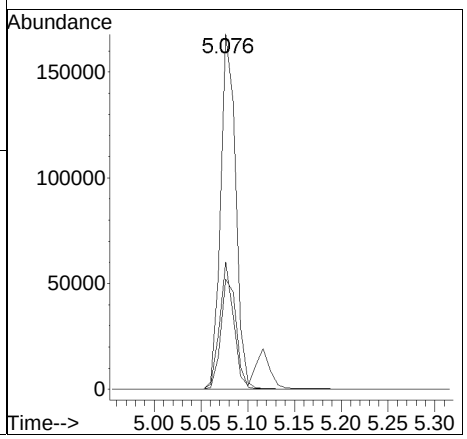


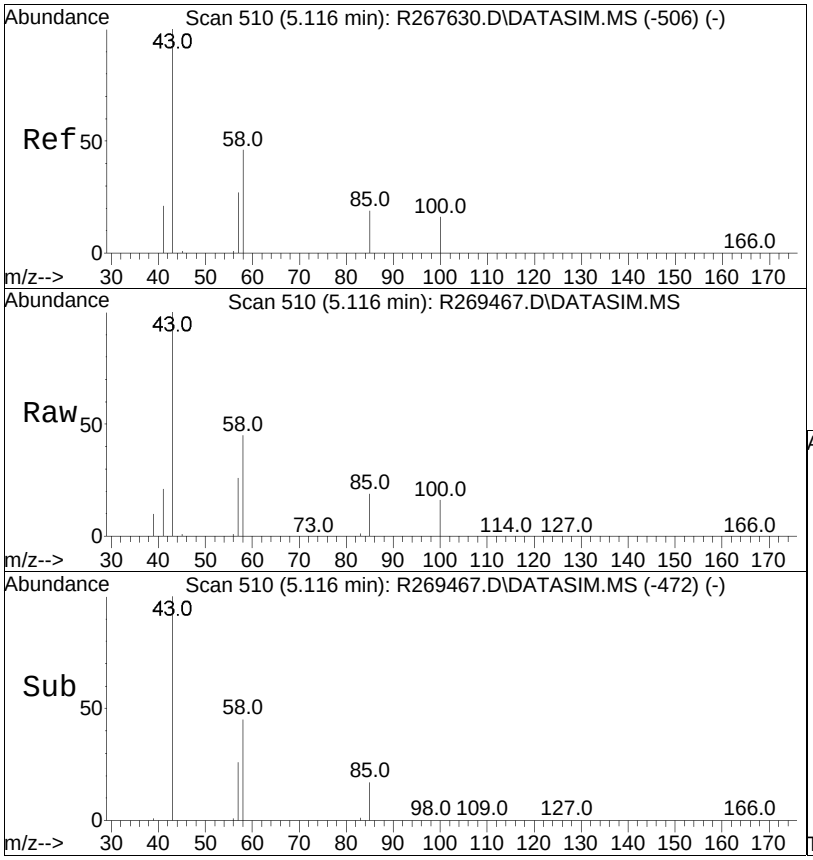


#47
cis-1,3-dichloropropene
Concen: 5.67 ppbV
RT: 5.076 min Scan# 505
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 75 Resp: 188851

Ion	Ratio	Lower	Upper
75	100		
39	43.9	0.0	0.0#
77	32.1	0.0	0.0#

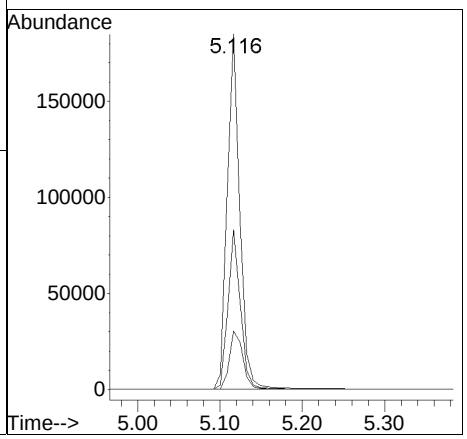


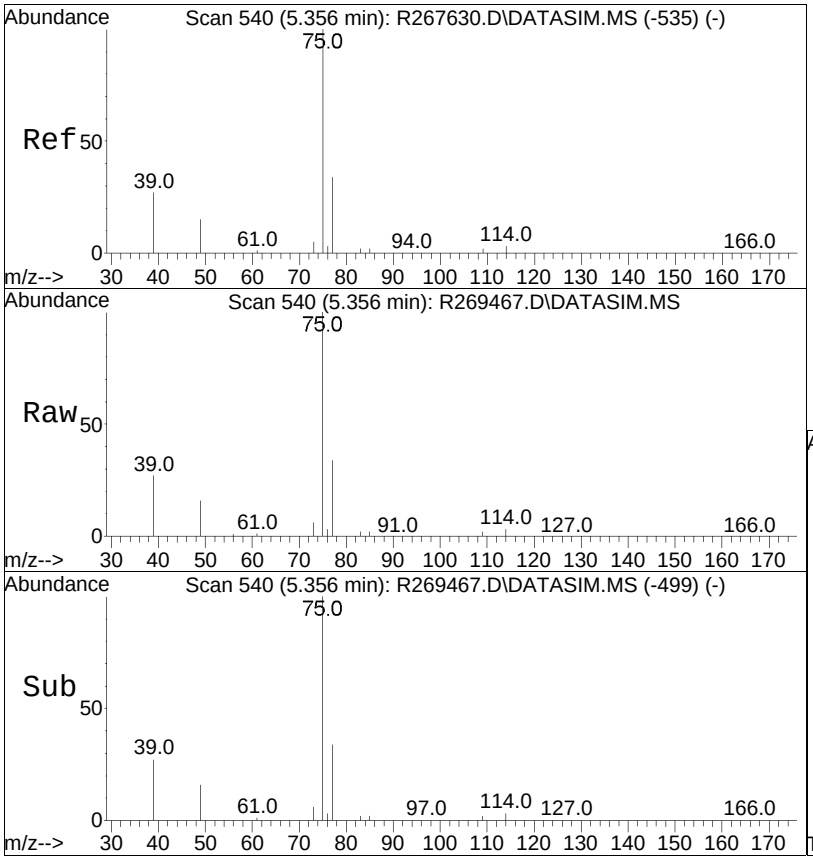


#48
4-methyl-2-pentanone
Concen: 5.40 ppbV m
RT: 5.116 min Scan# 510
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 43 Resp: 197688

Ion	Ratio	Lower	Upper
43	100		
58	0.0	2.0	3.0#
100	0.0	32.6	48.8#

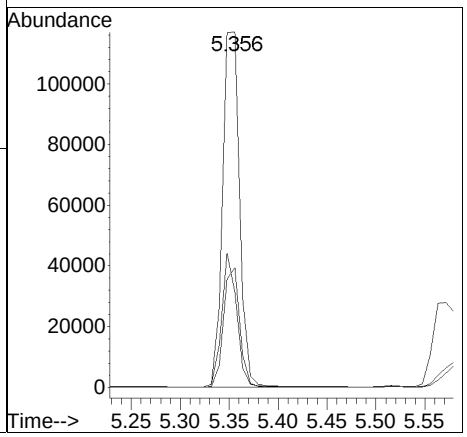


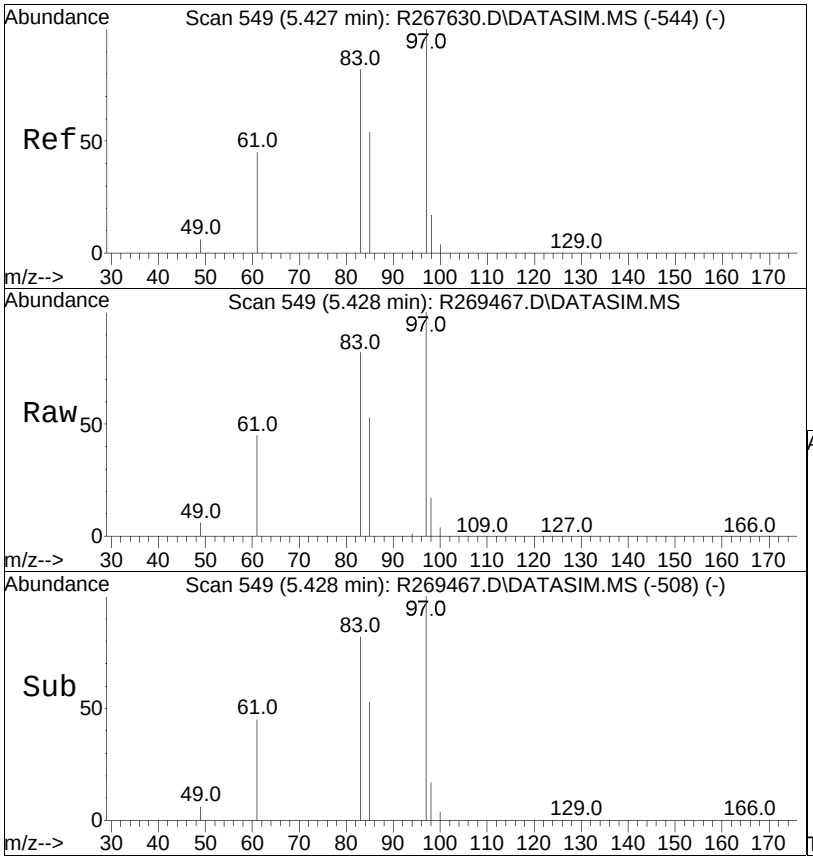


#49
trans-1,3-dichloropropene
Concen: 5.60 ppbV
RT: 5.356 min Scan# 540
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 75 Resp: 141823

Ion	Ratio	Lower	Upper
75	100		
77	32.1	0.0	0.0#
39	33.1	0.0	0.0#

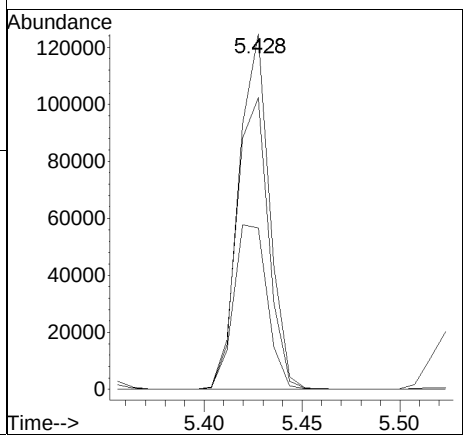


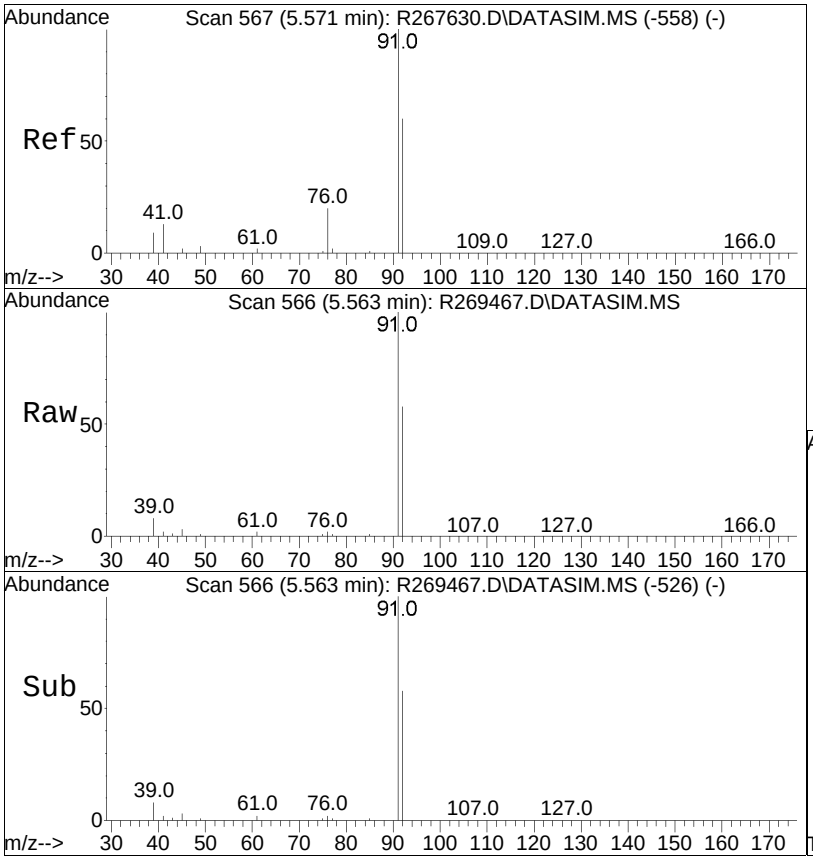


#50
1,1,2-trichloroethane
Concen: 4.74 ppbV
RT: 5.428 min Scan# 549
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 97 Resp: 134928

Ion	Ratio	Lower	Upper
97	100		
83	85.9	2.9	4.3#
61	51.4	1.4	2.2#

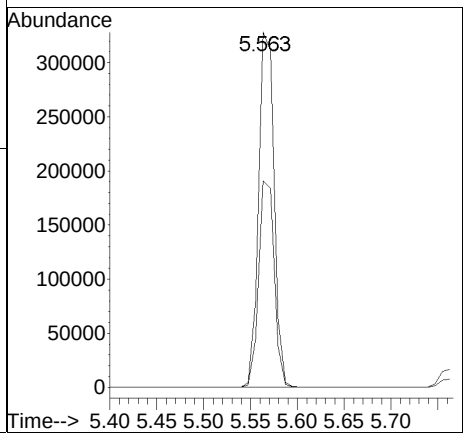


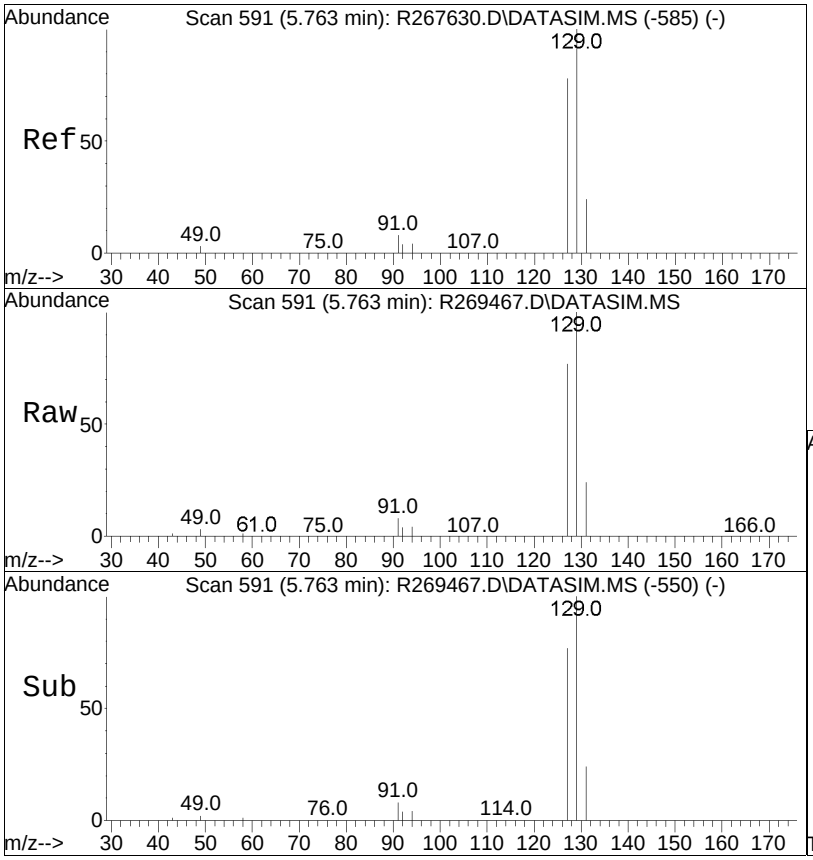


#52
toluene
Concen: 4.78 ppbV
RT: 5.563 min Scan# 566
Delta R.T. -0.008 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 91 Resp: 379926

Ion	Ratio	Lower	Upper
91	100		
92	58.4	47.5	71.3

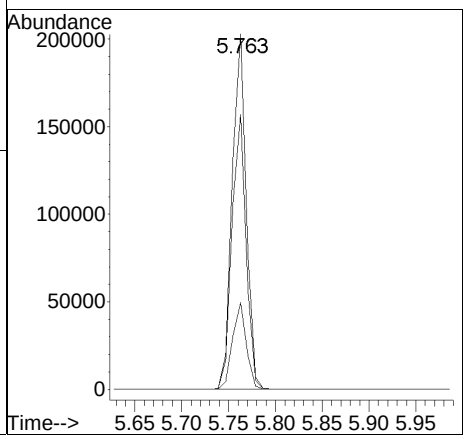


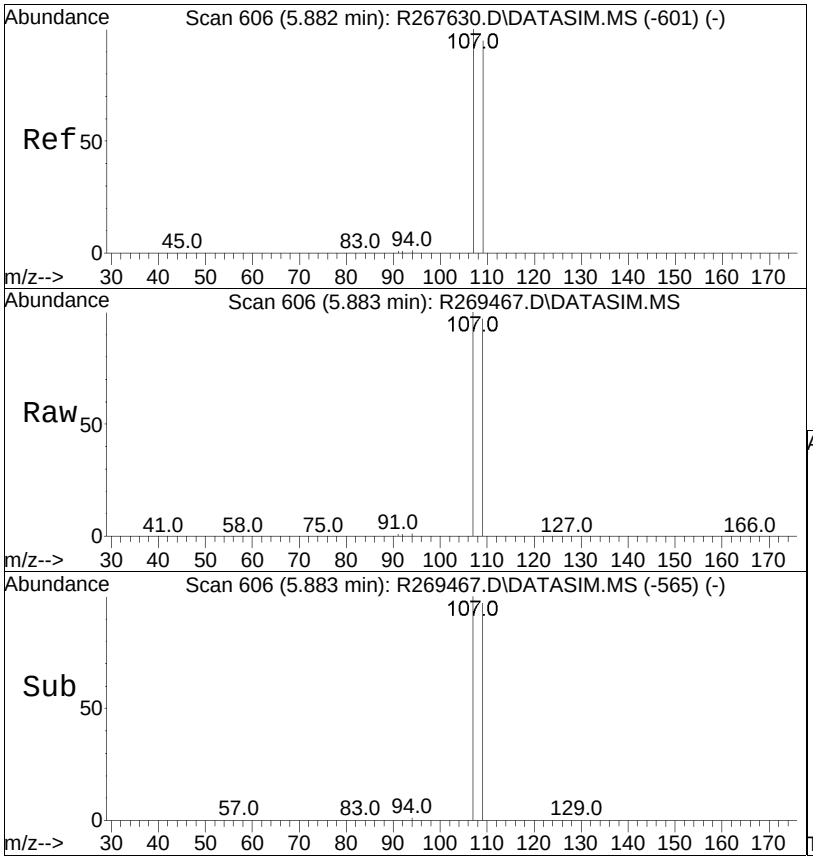


#55
dibromochloromethane
Concen: 5.16 ppbV
RT: 5.763 min Scan# 591
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:129 Resp: 210995

Ion	Ratio	Lower	Upper
129	100		
127	77.9	62.6	93.8
131	24.1	19.4	29.2

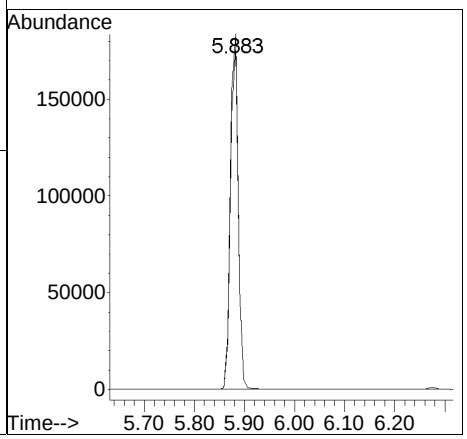


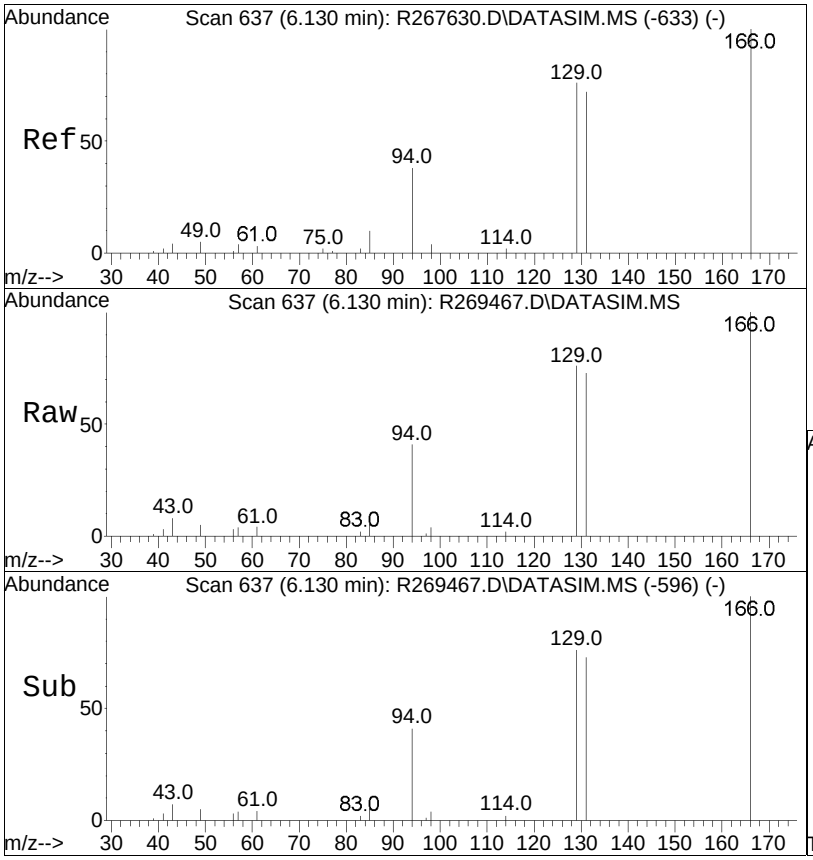


#56
1,2-dibromoethane
Concen: 4.74 ppbV
RT: 5.883 min Scan# 606
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:107 Resp: 203888

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.5	113.3

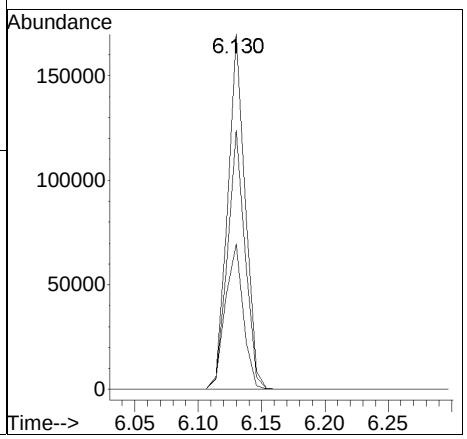


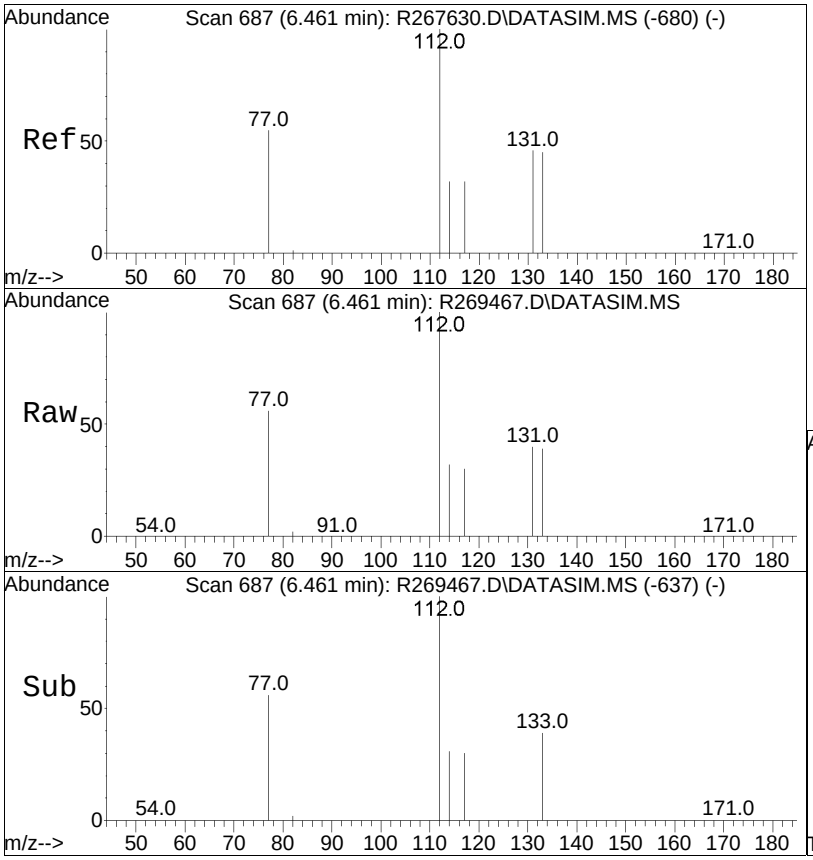


#57
tetrachloroethene
Concen: 4.41 ppbV
RT: 6.130 min Scan# 637
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:166 Resp: 163509

Ion	Ratio	Lower	Upper
166	100		
131	73.0	57.7	86.5
94	42.1	31.4	47.0

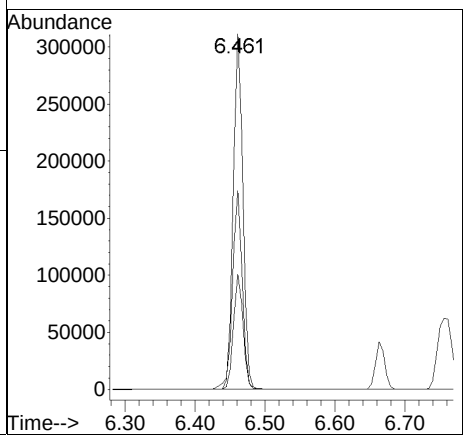


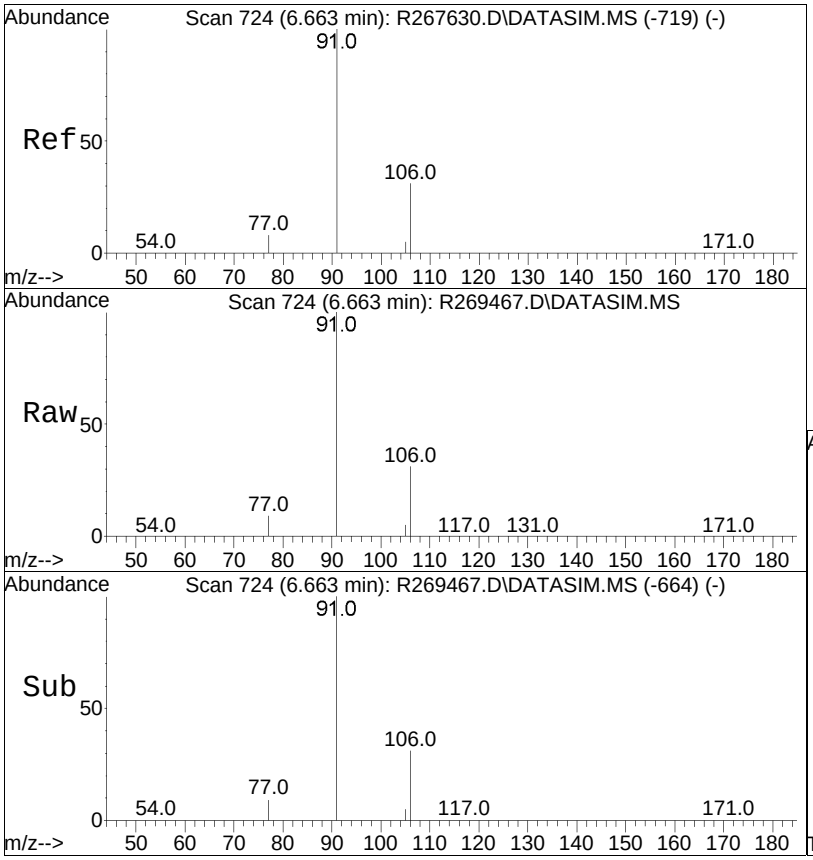


#59
chlorobenzene
Concen: 4.52 ppbV
RT: 6.461 min Scan# 687
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:112 Resp: 298176

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.9	38.9
77	56.4	44.2	66.2

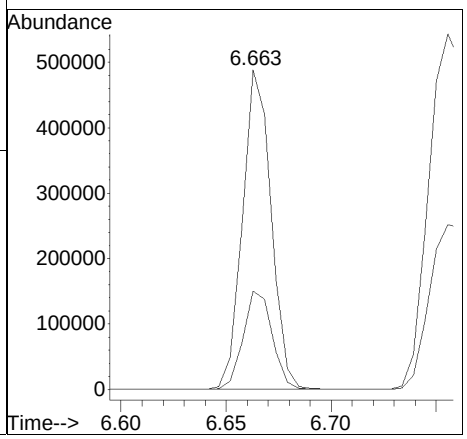


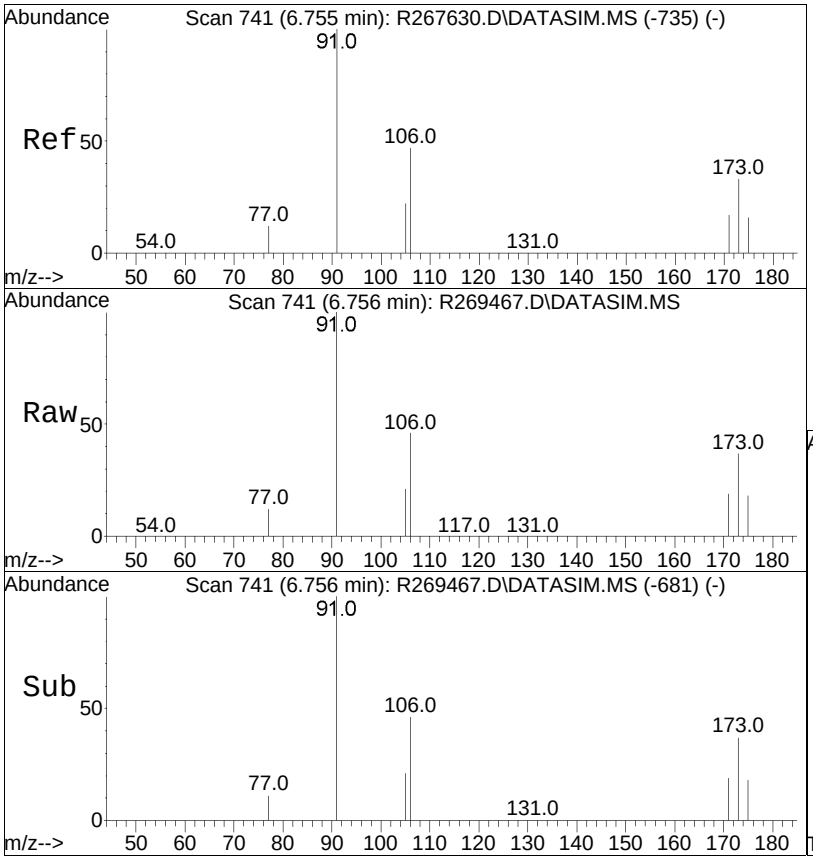


#60
ethylbenzene
Concen: 4.54 ppbV
RT: 6.663 min Scan# 724
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 91 Resp: 461688

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.4	38.2

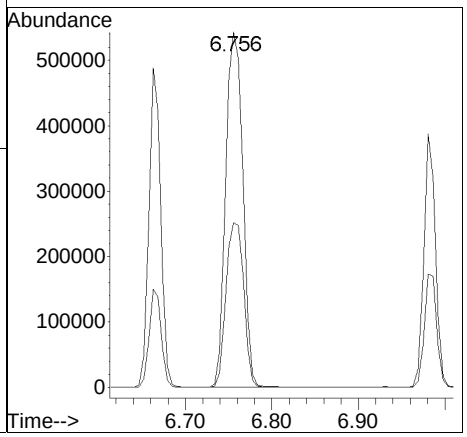


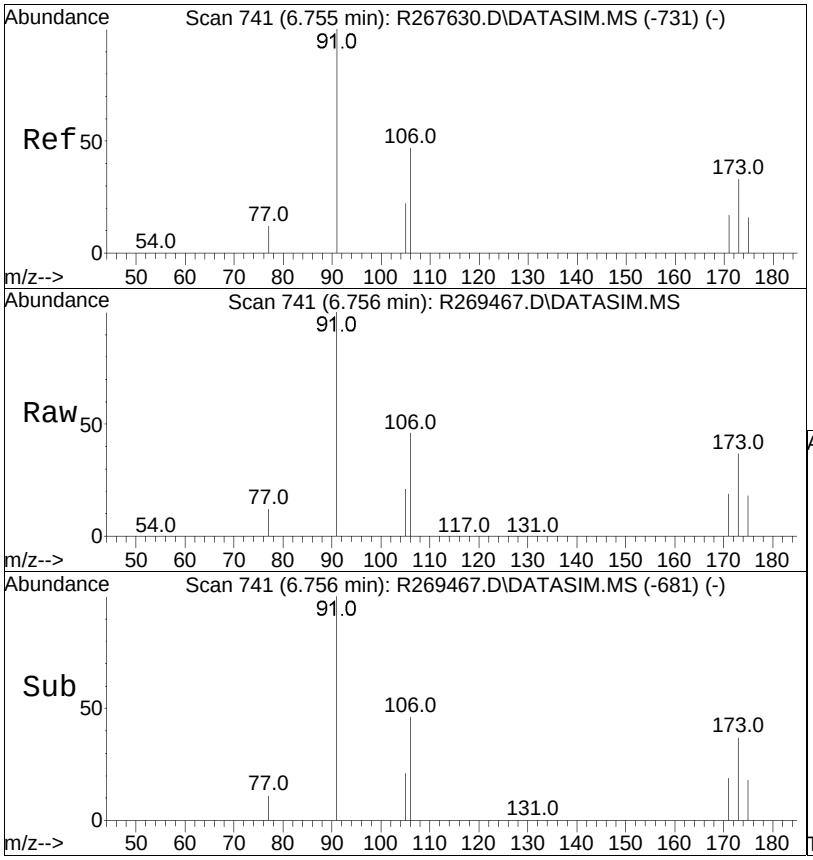


#61
m+p-xylene
Concen: 9.40 ppbV
RT: 6.756 min Scan# 741
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 91 Resp: 755279

Ion	Ratio	Lower	Upper
91	100		
106	47.7	38.7	58.1

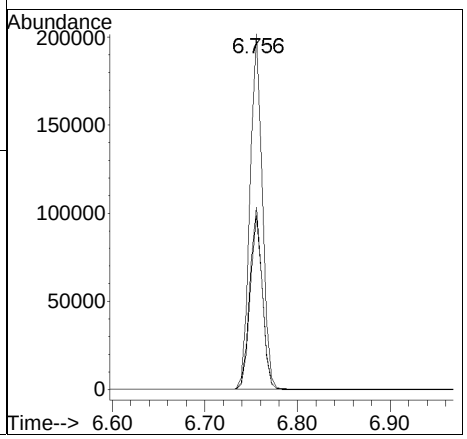


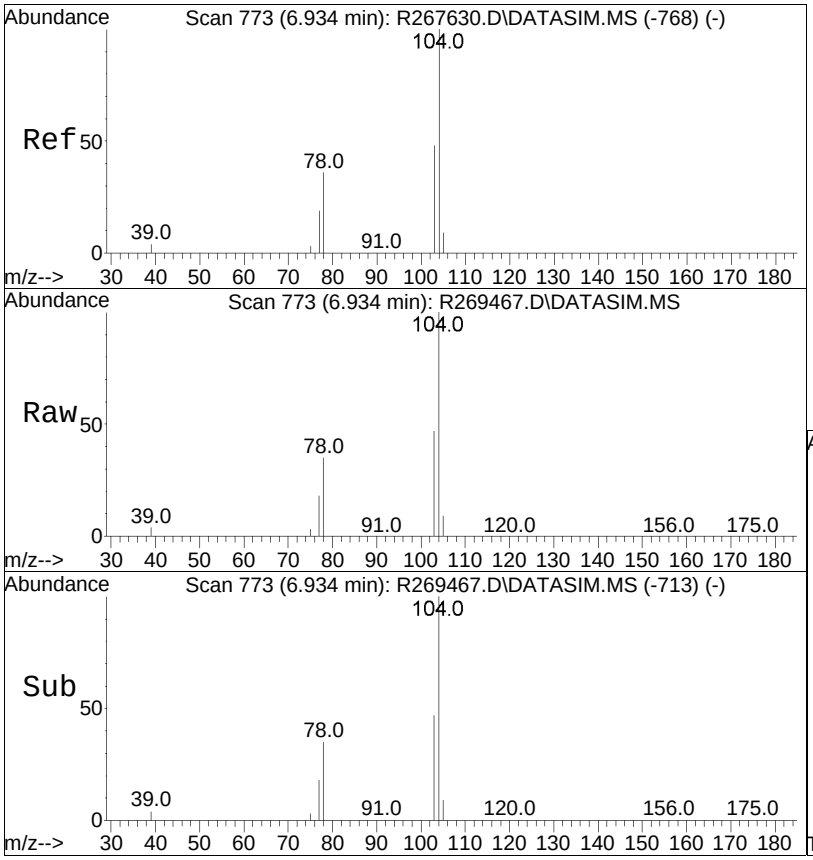


#62
bromoform
Concen: 5.26 ppbV
RT: 6.756 min Scan# 741
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:173 Resp: 187592

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
171	51.4	41.6	62.4

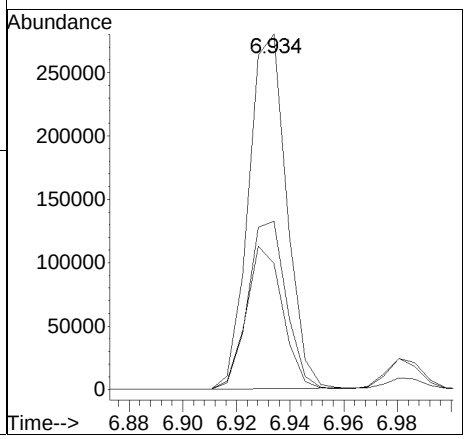


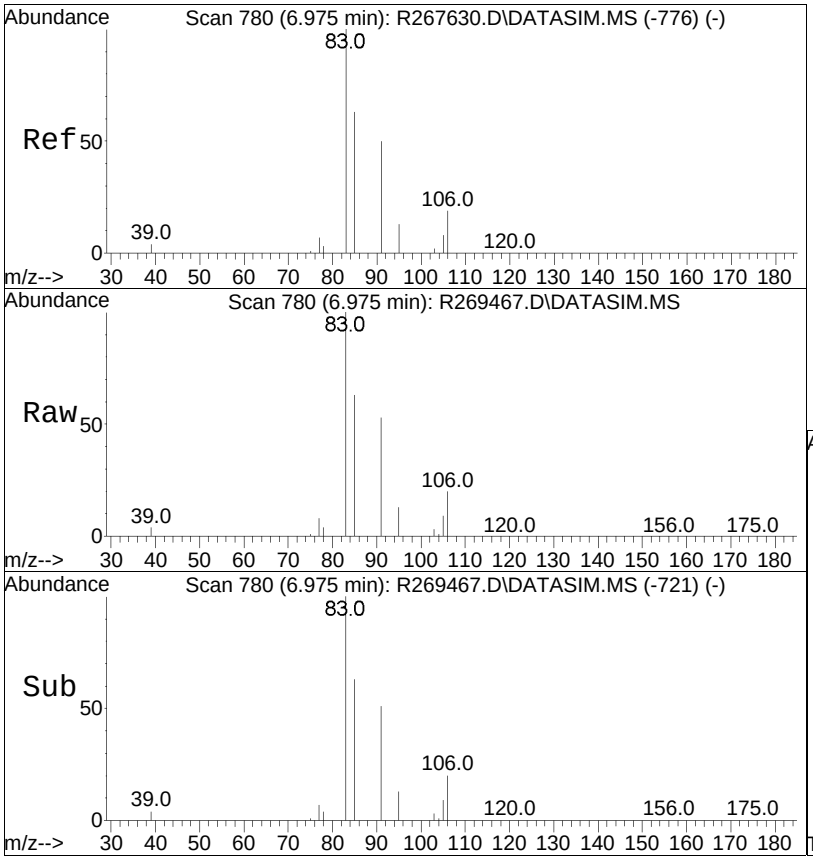


#63
styrene
Concen: 4.80 ppbV
RT: 6.934 min Scan# 773
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:104 Resp: 275469

Ion	Ratio	Lower	Upper
104	100		
103	47.5	38.4	57.6
78	38.8	31.4	47.0

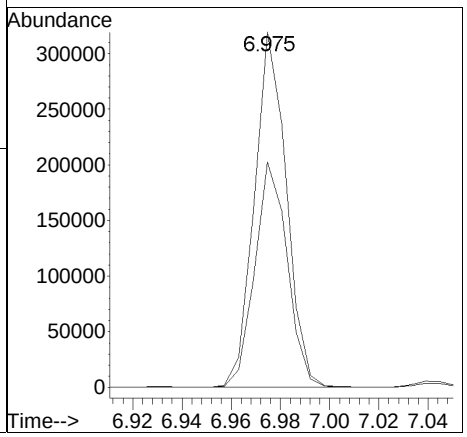


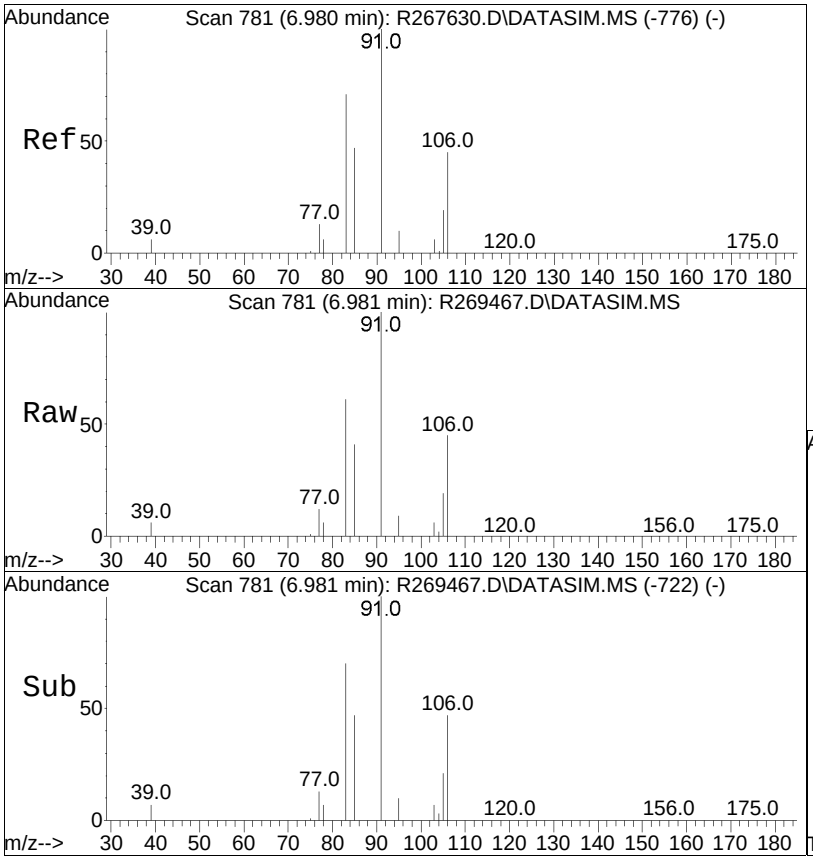


#64
1,1,2,2-tetrachloroethane
Concen: 4.64 ppbV
RT: 6.975 min Scan# 780
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 83 Resp: 287908

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4

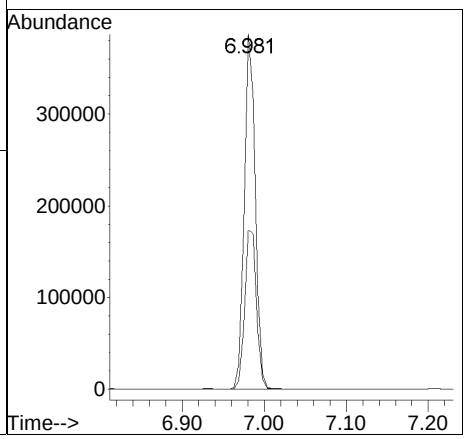


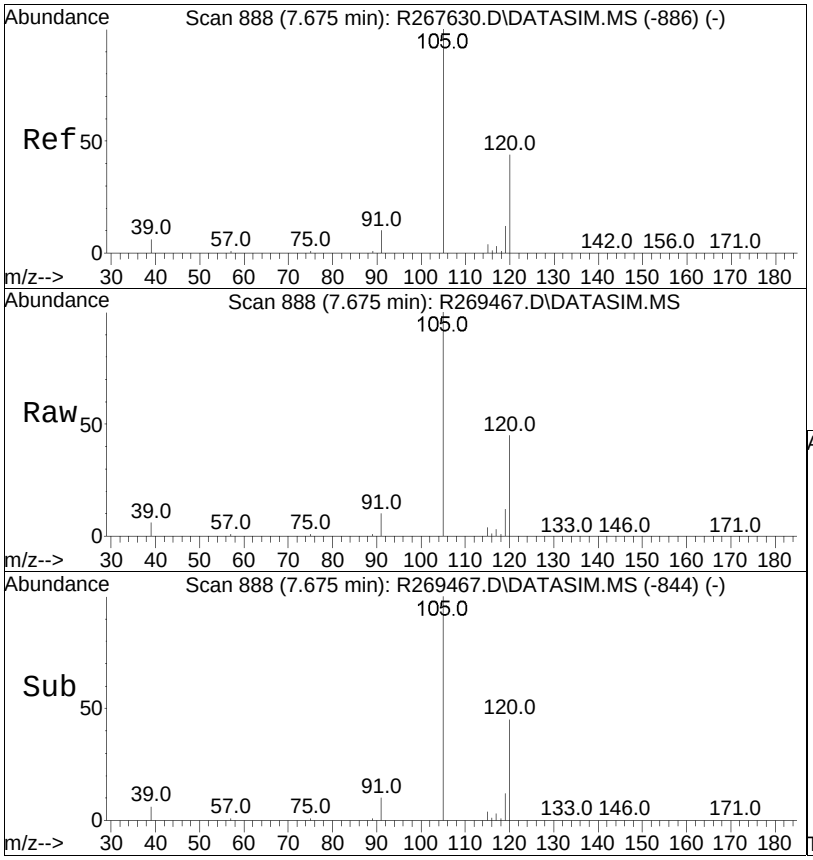


#65
o-xylene
Concen: 4.58 ppbV
RT: 6.981 min Scan# 781
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 91 Resp: 360401

Ion	Ratio	Lower	Upper
91	100		
106	47.8	38.7	58.1

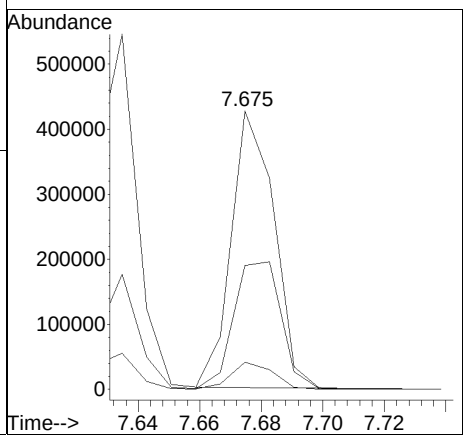


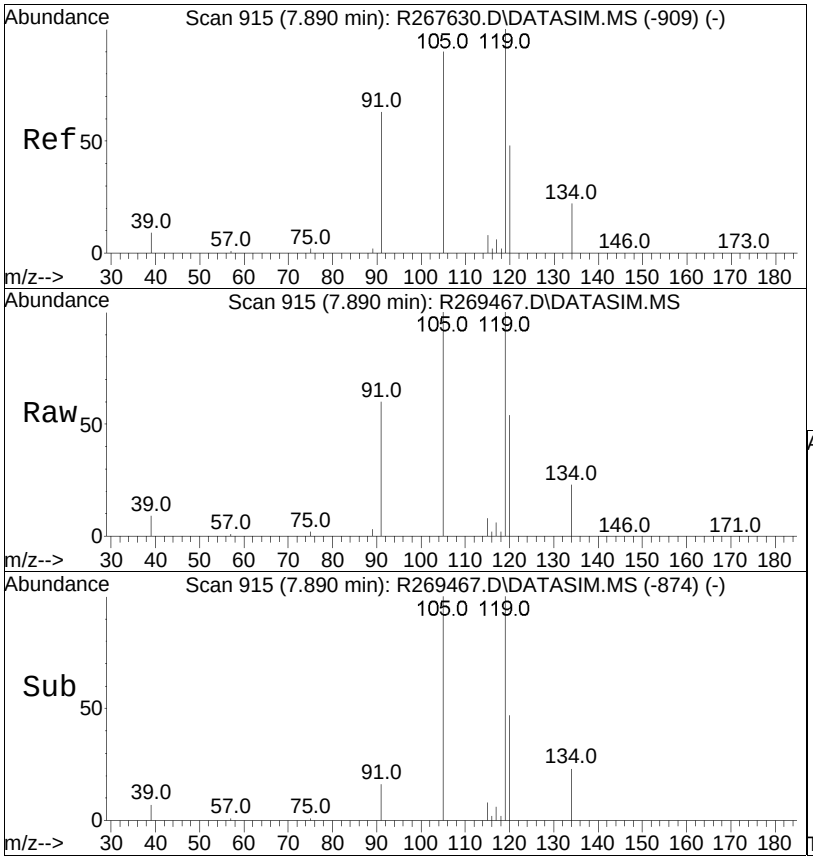


#71
1,3,5-trimethylbenzene
Concen: 4.77 ppbV
RT: 7.675 min Scan# 888
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:105 Resp: 410797

Ion	Ratio	Lower	Upper
105	100		
120	90.0	70.2	105.2
91	9.5	7.6	11.4

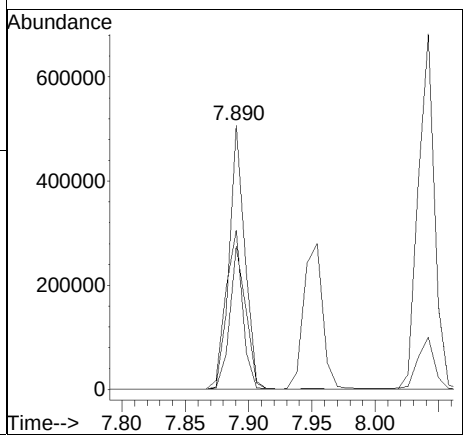


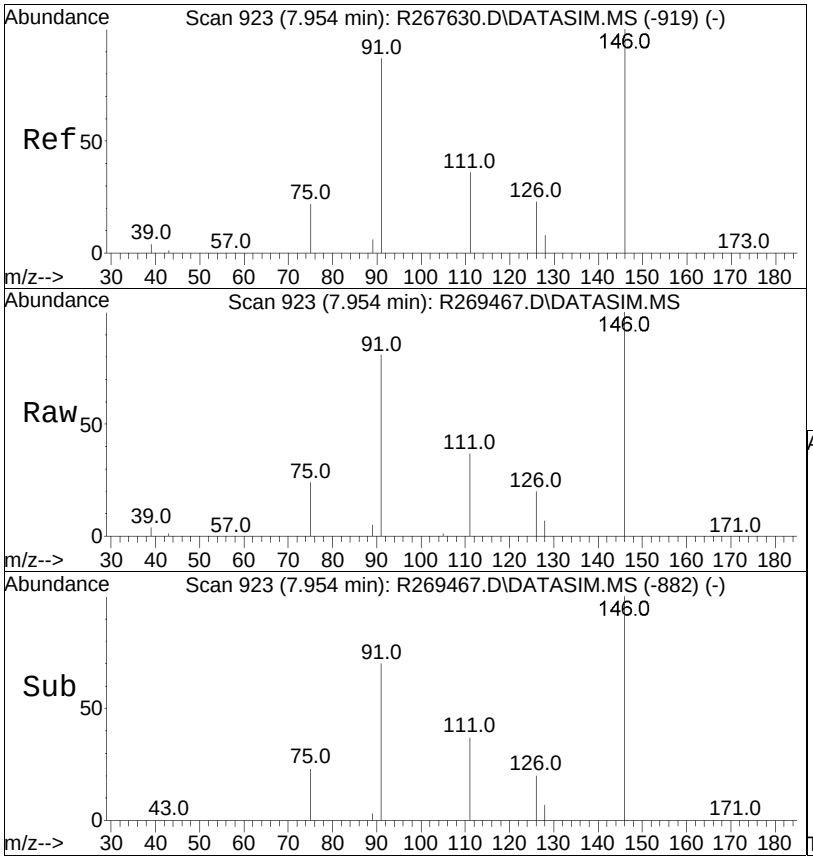


#73
1,2,4-trimethylbenzene
Concen: 4.85 ppbV
RT: 7.890 min Scan# 915
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:105 Resp: 433604

Ion	Ratio	Lower	Upper
105	100		
120	56.4	45.0	67.4
91	65.1	58.2	87.2

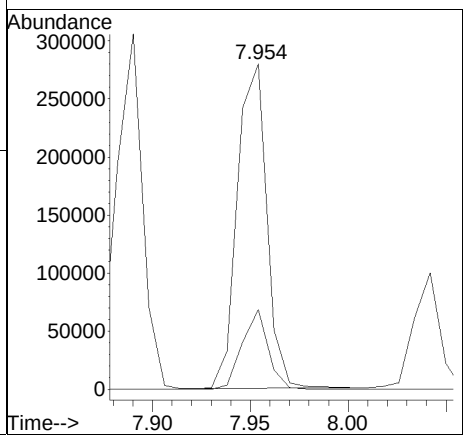


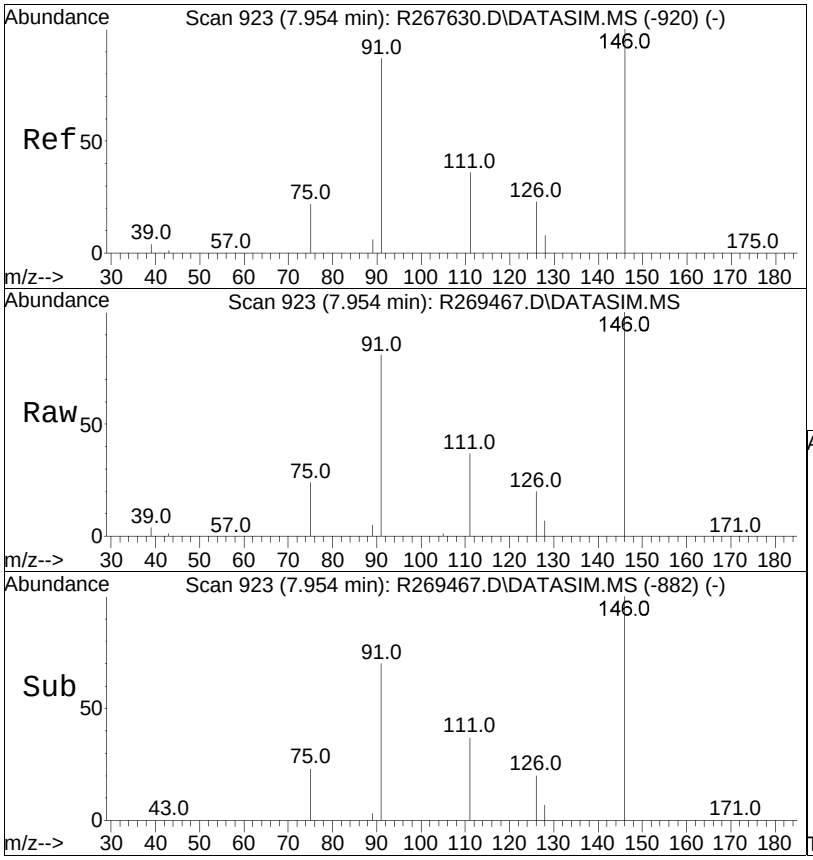


#74
Benzyl Chloride
Concen: 4.16 ppbV
RT: 7.954 min Scan# 923
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion: 91 Resp: 292807

Ion	Ratio	Lower	Upper
91	100		
126	21.8	18.8	28.2

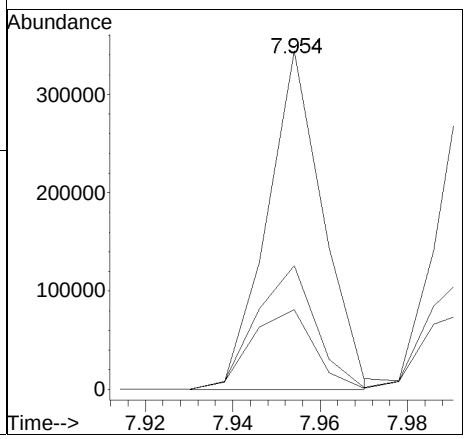


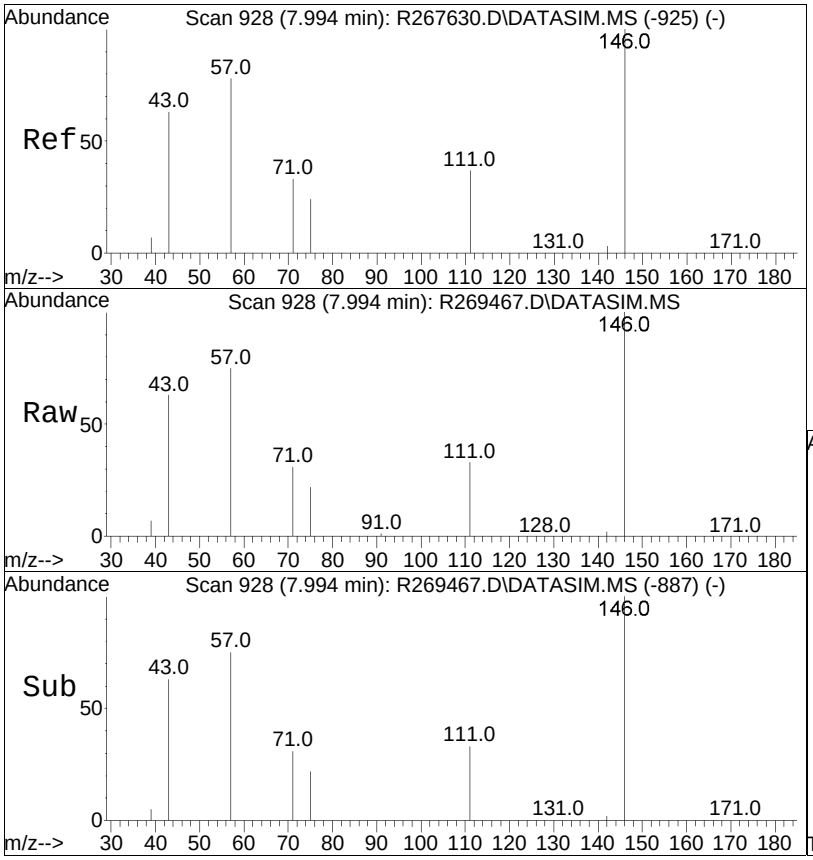


#75
1,3-dichlorobenzene
Concen: 4.49 ppbV m
RT: 7.954 min Scan# 923
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:146 Resp: 304662

Ion	Ratio	Lower	Upper
146	100		
111	33.3	29.1	43.7
75	22.5	18.6	28.0

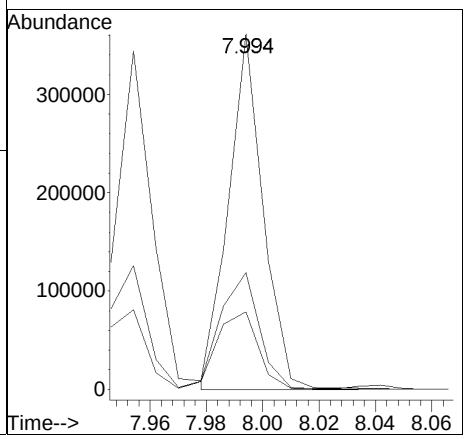


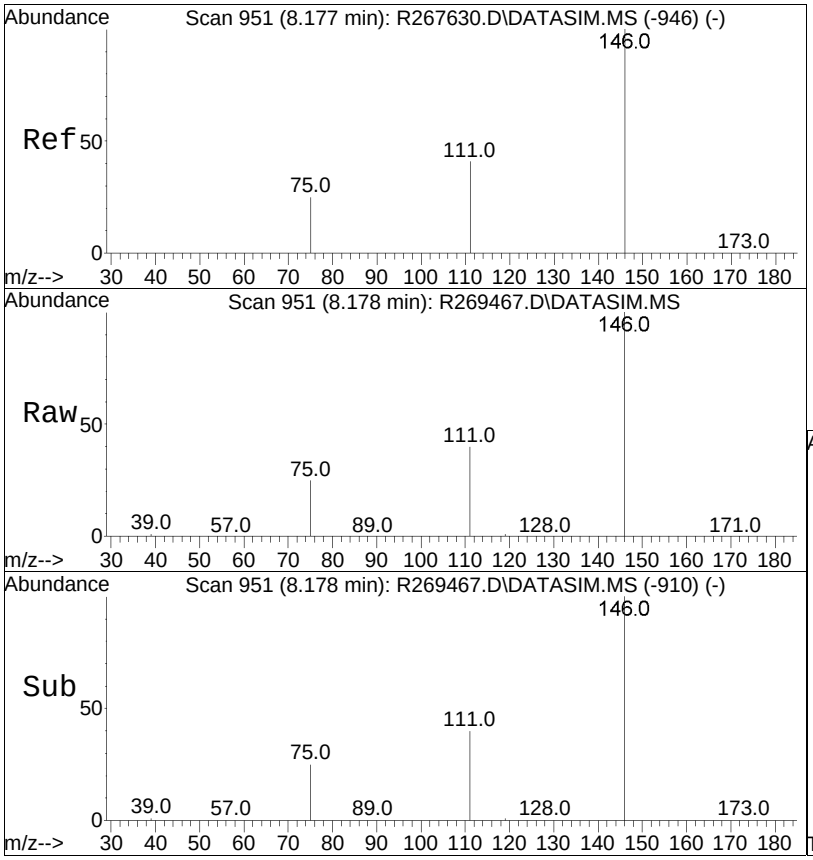


#76
1,4-dichlorobenzene
Concen: 4.35 ppbV m
RT: 7.994 min Scan# 928
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:146 Resp: 310663

Ion	Ratio	Lower	Upper
146	100		
111	75.8	62.0	93.0
75	53.6	42.3	63.5

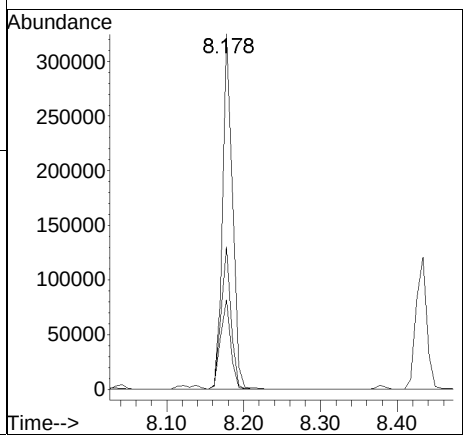


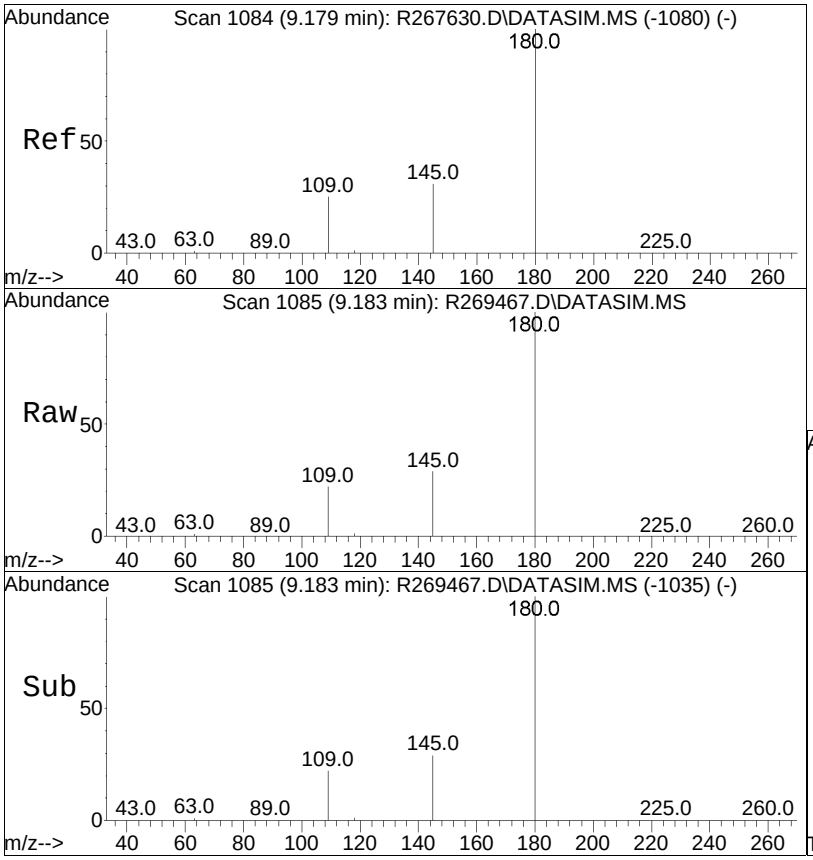


#79
1,2-dichlorobenzene
Concen: 4.31 ppbV
RT: 8.178 min Scan# 951
Delta R.T. 0.000 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:146 Resp: 293082

Ion	Ratio	Lower	Upper
146	100		
111	40.3	31.8	47.6
75	28.5	23.0	34.6

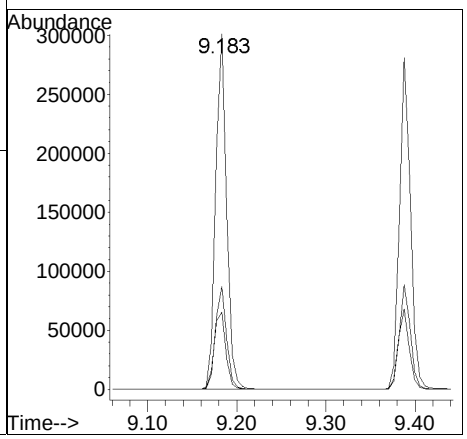


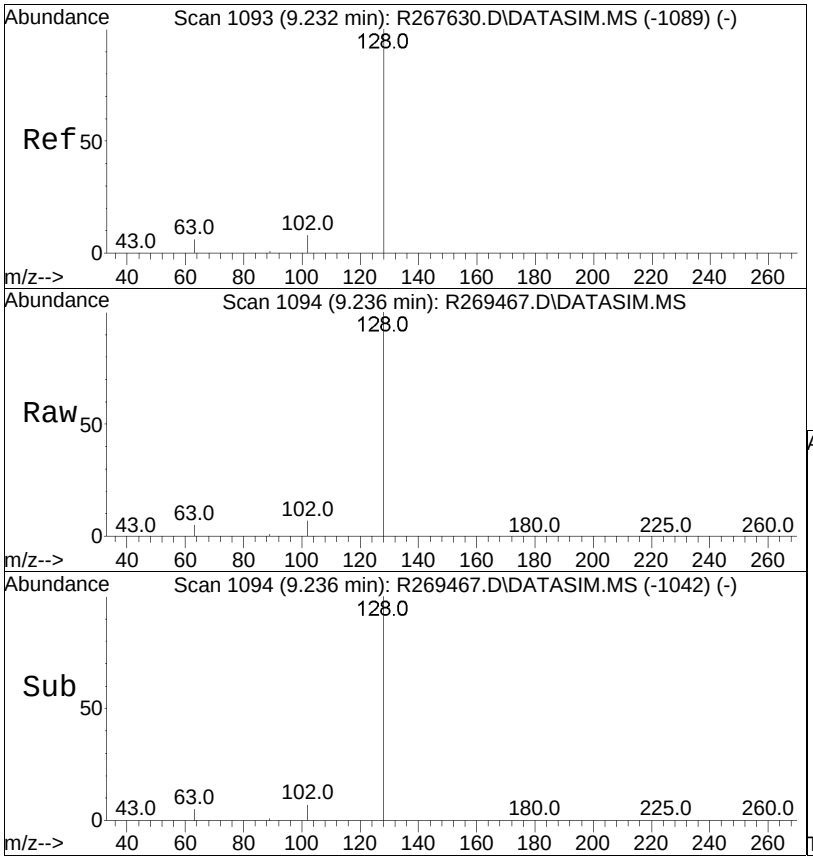


#82
1,2,4-trichlorobenzene
Concen: 4.07 ppbV
RT: 9.183 min Scan# 1085
Delta R.T. 0.004 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:180 Resp: 256840

Ion	Ratio	Lower	Upper
180	100		
145	29.4	24.0	36.0
109	23.5	18.6	27.8

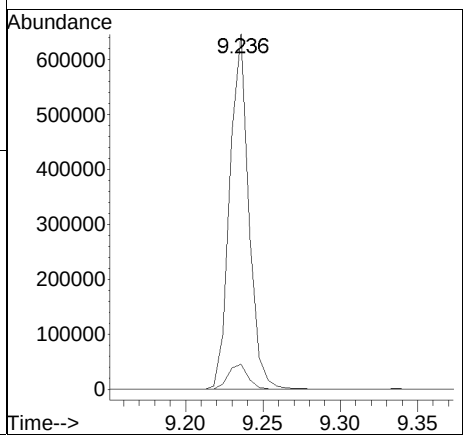


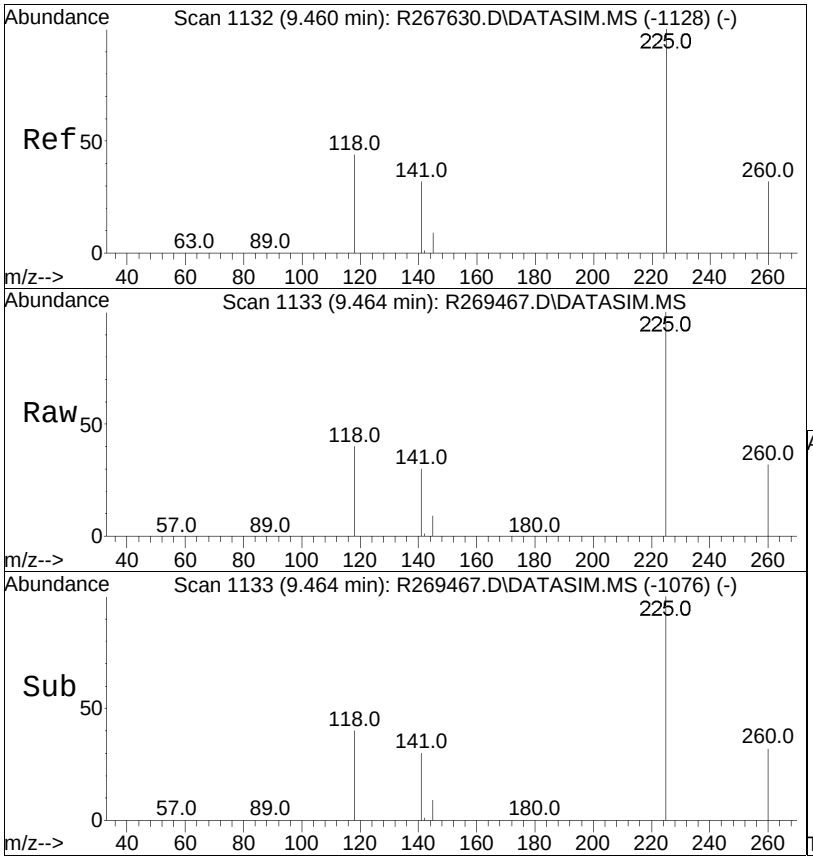


#83
naphthalene
Concen: 3.56 ppbV
RT: 9.236 min Scan# 1094
Delta R.T. 0.004 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:128 Resp: 553781

Ion	Ratio	Lower	Upper
128	100		
102	7.5	7.5	11.3#

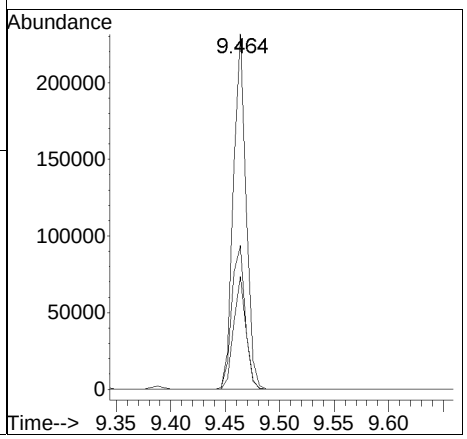




#85
hexachlorobutadiene
Concen: 4.60 ppbV
RT: 9.464 min Scan# 1133
Delta R.T. 0.004 min
Lab File: R269467.D
Acq: 28 Mar 2026 03:30 pm

Tgt Ion:225 Resp: 187846

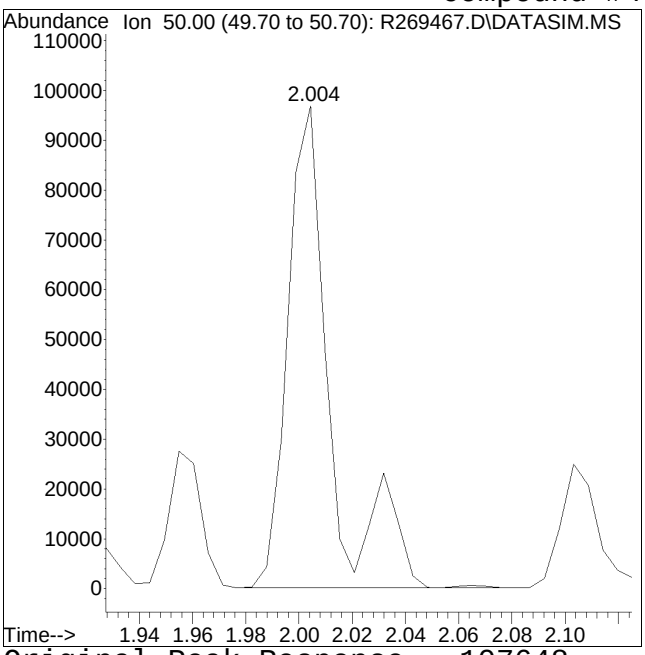
Ion	Ratio	Lower	Upper
225	100		
260	31.2	25.8	38.6
118	42.9	32.6	48.8



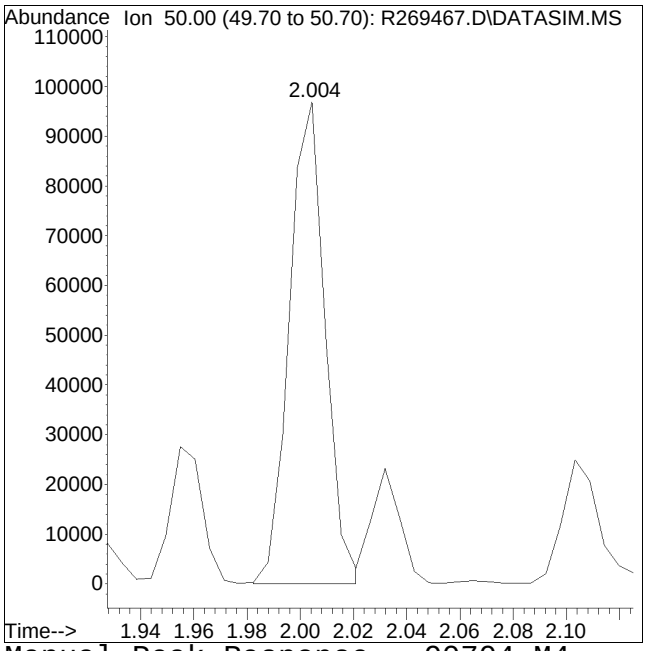
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-3,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #4: chloromethane



Original Peak Response = 107648



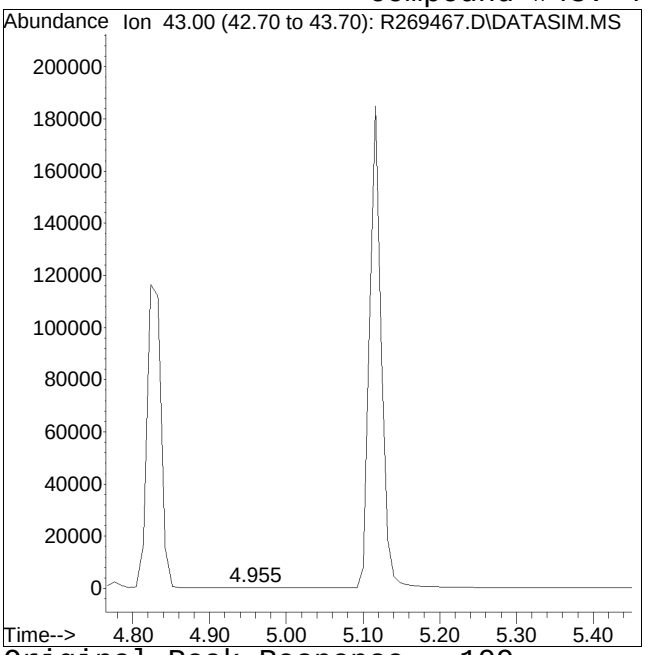
Manual Peak Response = 90704 M4

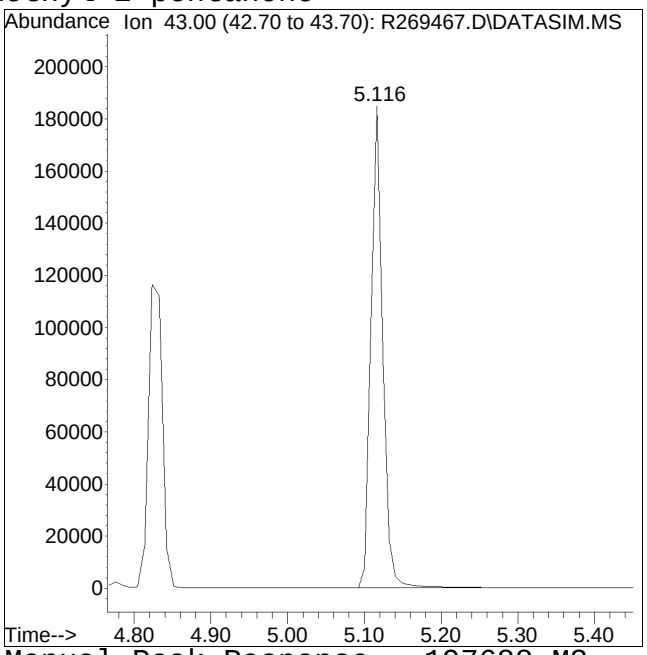
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-3,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #48: 4-methyl-2-pentanone





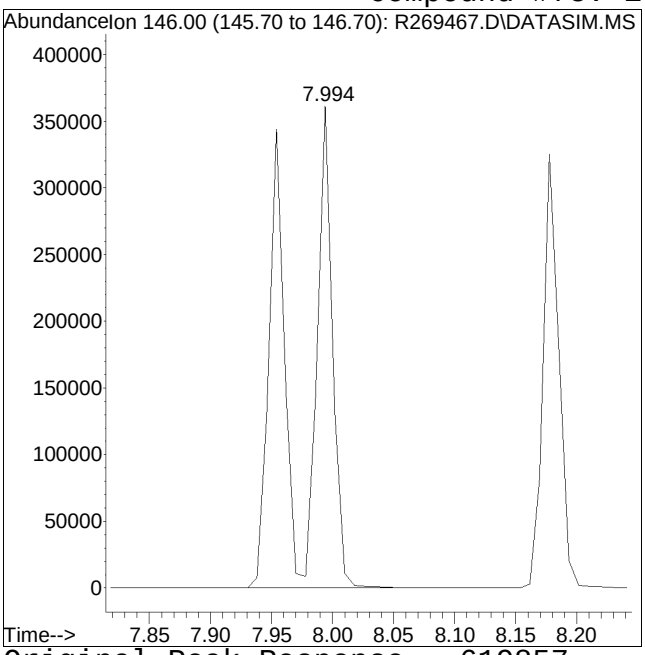
Original Peak Response = 109 Manual Peak Response = 197688 M3

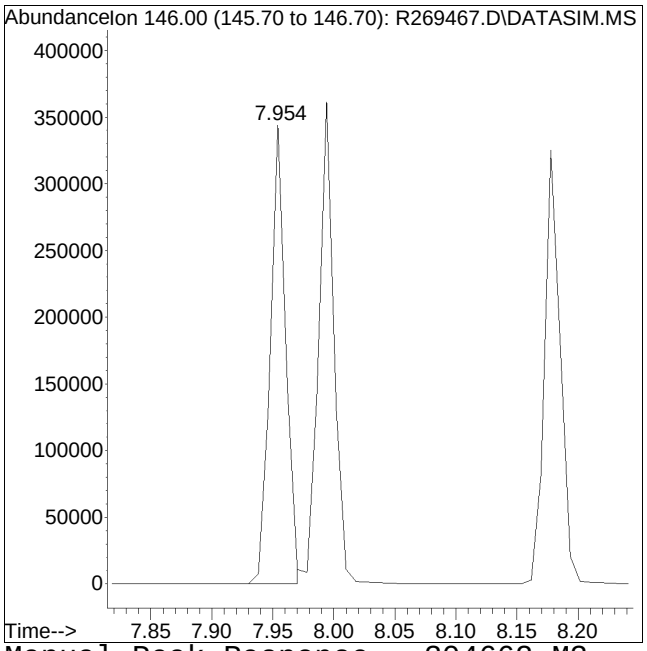
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-3,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #75: 1,3-dichlorobenzene





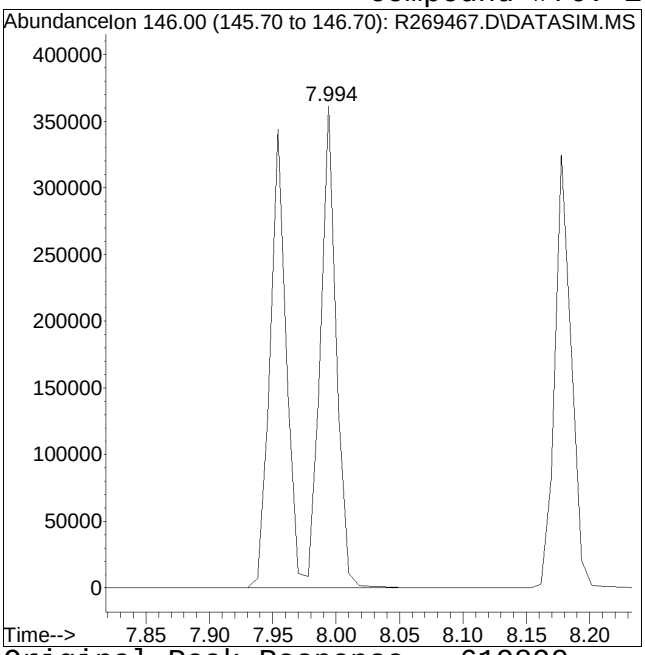
Original Peak Response = 619857 Manual Peak Response = 304662 M3

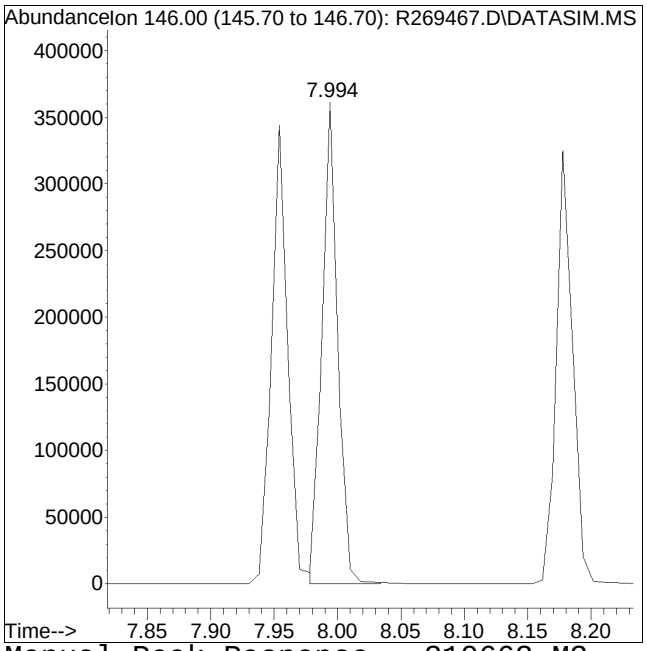
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269467.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 3:30 pm Instrument : Airlab26
Sample : WG2190907-3,3,250,250 Quant Date : 3/28/2026 4:02 pm

Compound #76: 1,4-dichlorobenzene





Original Peak Response = 619890 Manual Peak Response = 310663 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\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-3,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.192	49	378066	10.000	ppbV	-0.08
Standard Area = 378066			Recovery = 100.00%			
34) 1,4-difluorobenzene	11.430	114	967593	10.000	ppbV	-0.07
Standard Area = 967593			Recovery = 100.00%			
52) chlorobenzene-D5	16.108	54	162492	10.000	ppbV	-0.05
Standard Area = 162492			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	4.090	85	231268	4.963	ppbV	99
5) chloromethane	4.252	50	97312	4.823	ppbV	100
6) Freon-114	4.360	85	250289	5.065	ppbV	97
7) vinyl chloride	4.480	62	129448	5.265	ppbV	100
9) bromomethane	4.912	94	112368	5.695	ppbV	100
10) chloroethane	5.104	64	60860	5.292	ppbV	97
11) ethanol	5.230	31	407516	24.459	ppbV	100
15) trichlorofluoromethane	5.940	101	187315	4.867	ppbV	97
18) 1,1-dichloroethene	6.642	61	194655	5.331	ppbV	100
19) tertiary butyl alcohol	6.690	59	222473	4.673	ppbV	98
20) methylene chloride	6.780	49	170875	5.282	ppbV	97
23) Freon 113	7.086	101	235850	5.073	ppbV	98
24) trans-1,2-dichloroethene	7.833	61	185413	5.564	ppbV	97
25) 1,1-dichloroethane	8.058	63	233486	5.070	ppbV	99
26) MTBE	8.125	73	312879	5.883	ppbV	99
28) 2-butanone	8.500	43	275952	5.291	ppbV	100
29) cis-1,2-dichloroethene	9.008	61	183460	5.231	ppbV	99
31) chloroform	9.350	83	248889	5.104	ppbV	99
33) 1,2-dichloroethane	10.183	62	148597	5.118	ppbV	99
35) hexane	9.258	57	253685	5.556	ppbV	81
37) 1,1,1-trichloroethane	10.475	97	198254	5.008	ppbV	98
38) benzene	11.003	78	479547	5.113	ppbV	99
39) carbon tetrachloride	11.177	117	189198	5.428	ppbV	98
40) cyclohexane	11.323	56	275123	5.629	ppbV	99
42) 1,2-dichloropropane	11.950	63	166172	5.065	ppbV	100
43) bromodichloromethane	12.177	83	248570	5.777	ppbV	98
44) 1,4-dioxane	12.217	88	108446	5.969	ppbV	99
45) trichloroethene	12.230	130	193126	5.160	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-3,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

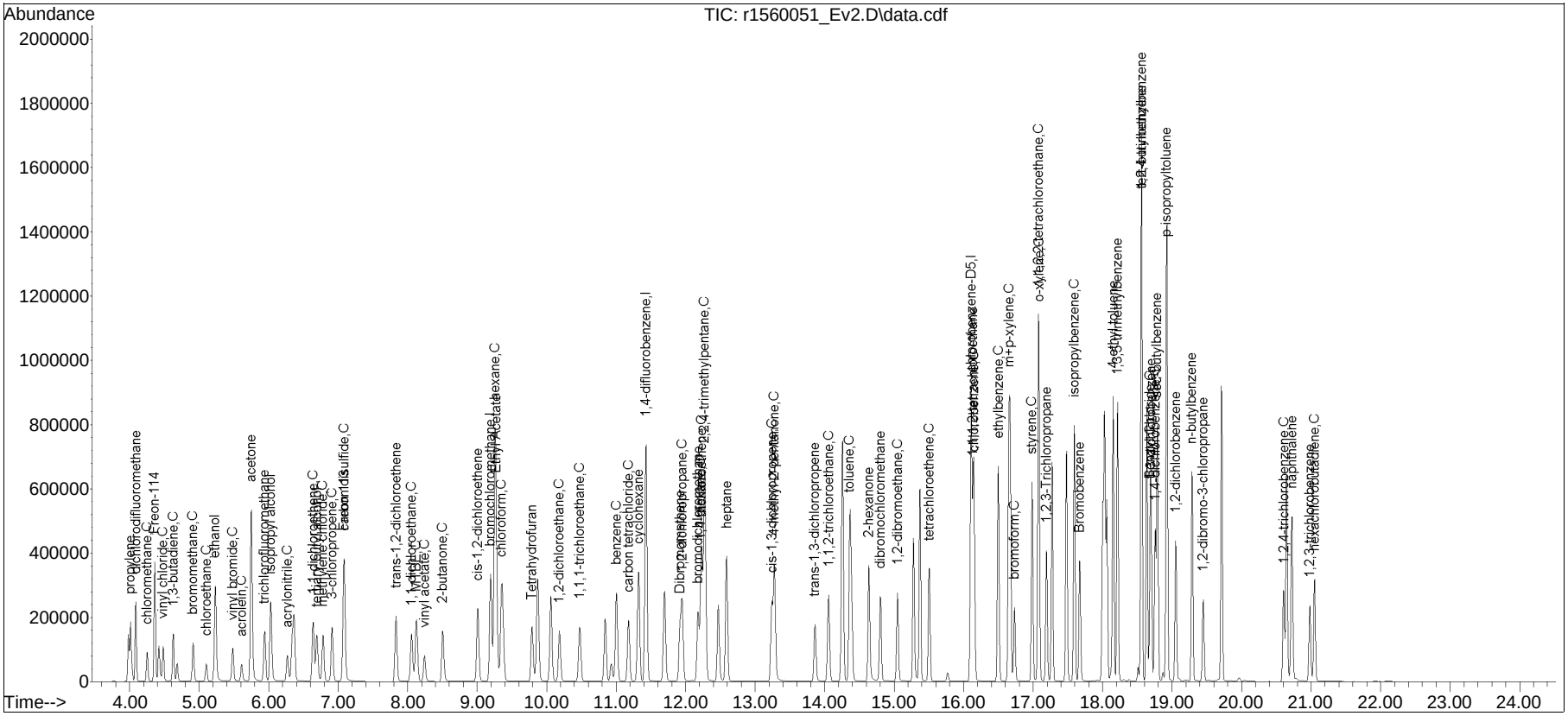
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	12.270	57	860992	5.858	ppbV	98
47) heptane	12.590	43	301997	5.867	ppbV	98
48) cis-1,3-dichloropropene	13.242	75	245448	6.658	ppbV	99
49) 4-methyl-2-pentanone	13.275	43	345903	5.960	ppbV	100
50) trans-1,3-dichloropropene	13.858	75	174984	6.948	ppbV	97
51) 1,1,2-trichloroethane	14.058	97	170844	5.115	ppbV	98
53) toluene	14.358	91	542811	5.502	ppbV	99
56) dibromochloromethane	14.800	129	229036	6.126	ppbV	100
57) 1,2-dibromoethane	15.050	107	258651	5.907	ppbV	97
58) tetrachloroethene	15.508	166	205567	5.294	ppbV	99
60) chlorobenzene	16.150	112	437553	5.339	ppbV	97
61) ethylbenzene	16.500	91	694734	5.629	ppbV	98
62) m+p-xylene	16.658	91	1135625	11.504	ppbV	100
63) bromoform	16.733	173	168138	5.933	ppbV	99
64) styrene	16.983	104	444229	6.059	ppbV	96
65) 1,1,2,2-tetrachloroethane	17.075	83	418291	5.693	ppbV	99
66) o-xylene	17.083	91	567962	5.760	ppbV	99
72) 1,3,5-trimethylbenzene	18.217	105	663730	6.052	ppbV	99
74) 1,2,4-trimethylbenzene	18.558	105	685581	6.332	ppbV	94
75) Benzyl Chloride	18.683	91	351598	5.107	ppbV	98
76) 1,3-dichlorobenzene	18.700	146	448185M3	5.972	ppbV	
77) 1,4-dichlorobenzene	18.758	146	447591	5.928	ppbV	97
81) 1,2-dichlorobenzene	19.050	146	424513	5.763	ppbV	99
84) 1,2,4-trichlorobenzene	20.608	180	314692	6.829	ppbV	99
85) naphthalene	20.725	128	836971	5.943	ppbV	100
87) hexachlorobutadiene	21.050	225	263454	6.151	ppbV	98

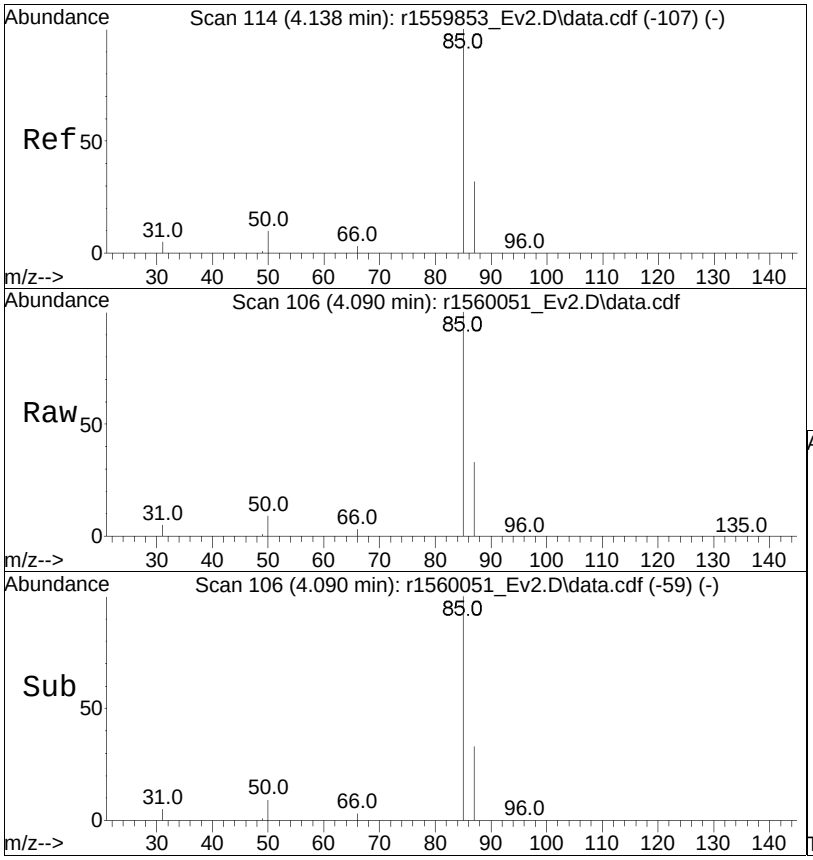
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listedM\r1560051_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560051_Ev2.D
Acq On : 29 Mar 2026 11:10 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-3,3,250,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 29 12:08:43 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

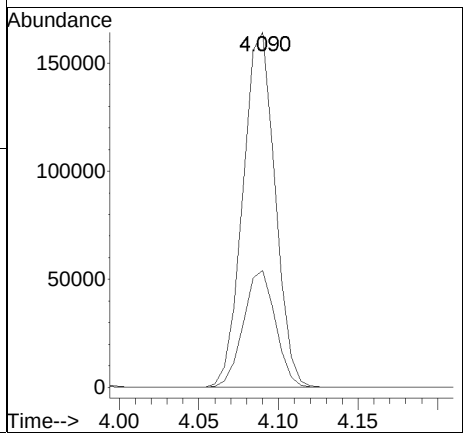


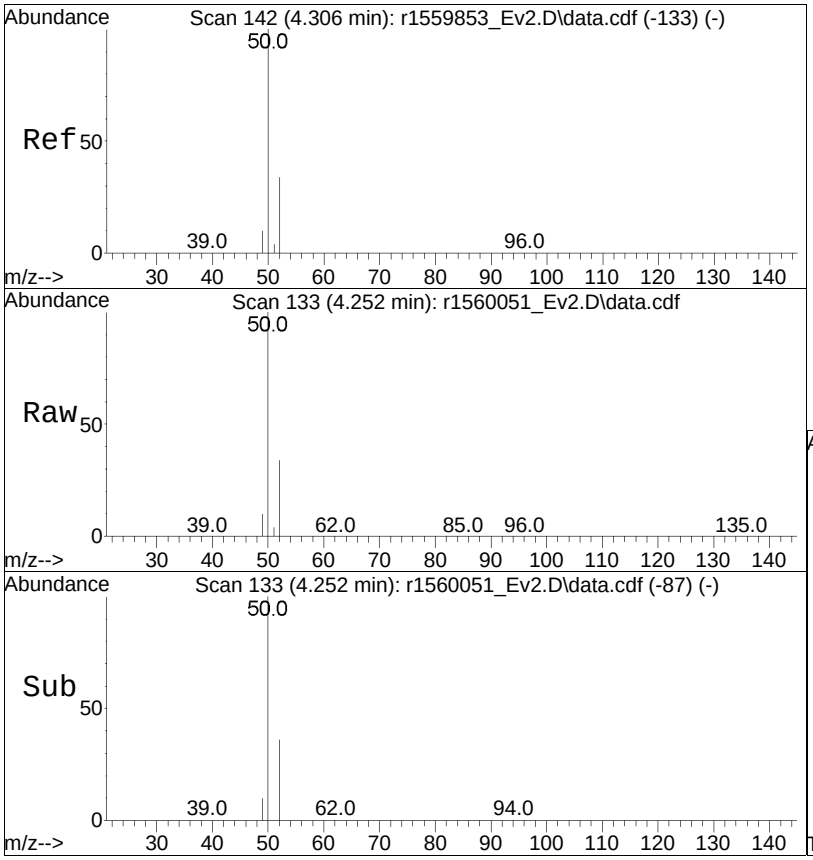


#4
dichlorodifluoromethane
Concen: 4.96 ppbV
RT: 4.090 min Scan# 106
Delta R.T. -0.048 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 85 Resp: 231268

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.8	38.6

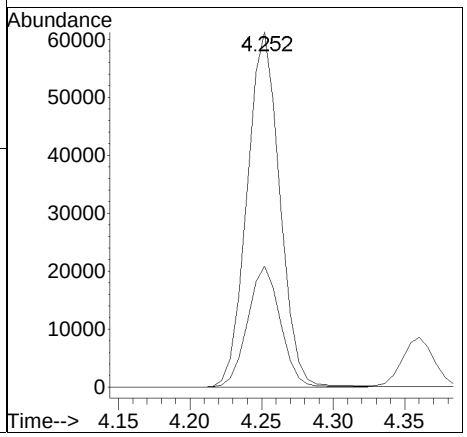


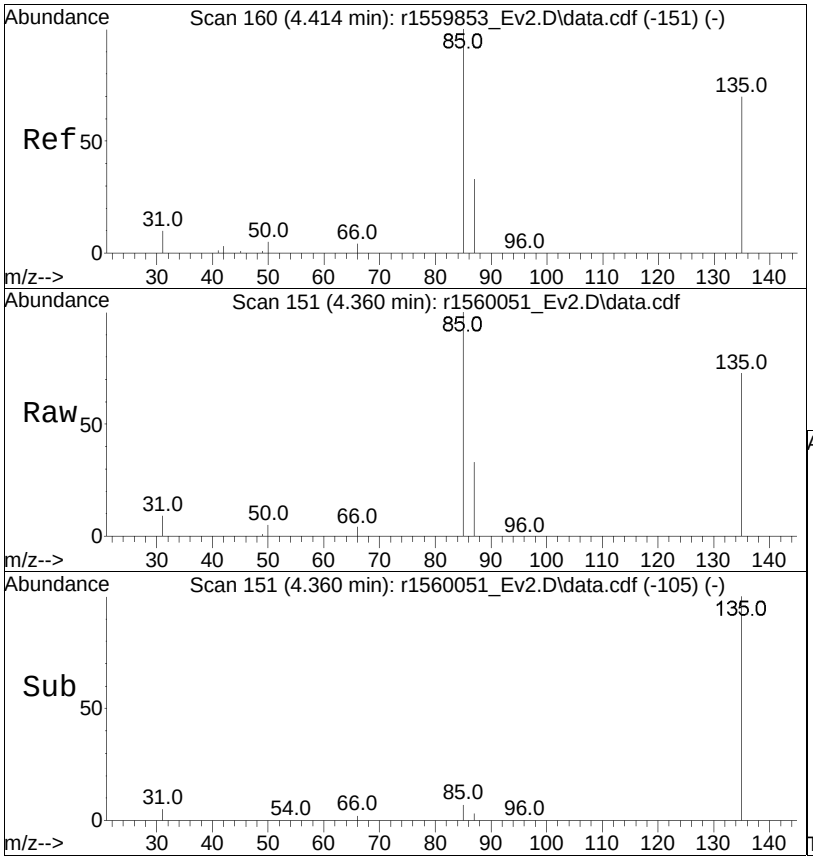


#5
chloromethane
Concen: 4.82 ppbV
RT: 4.252 min Scan# 133
Delta R.T. -0.054 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 50 Resp: 97312

Ion	Ratio	Lower	Upper
50	100		
52	34.2	27.4	41.2

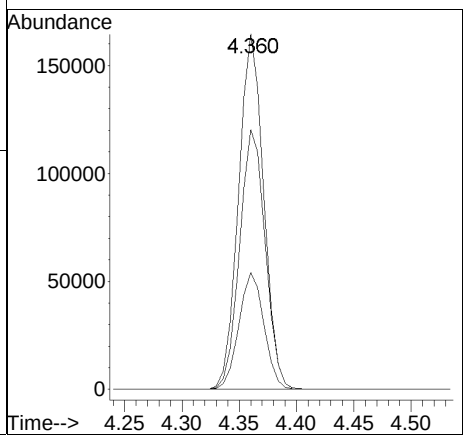


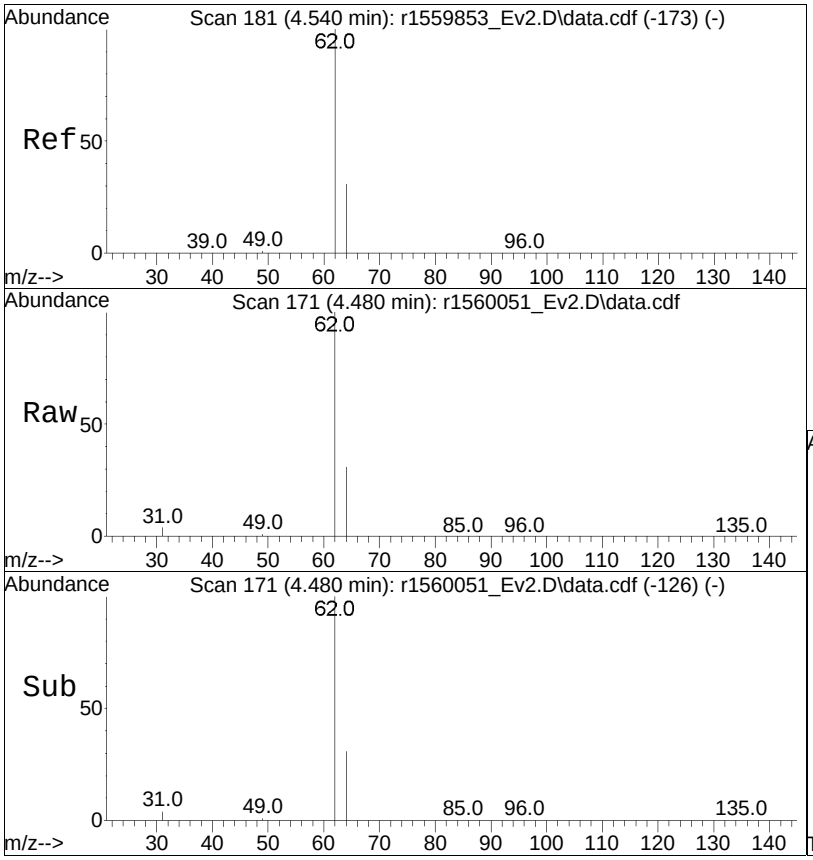


#6
Freon-114
Concen: 5.06 ppbV
RT: 4.360 min Scan# 151
Delta R.T. -0.054 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 85 Resp: 250289

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.1	39.1
135	73.2	56.1	84.1

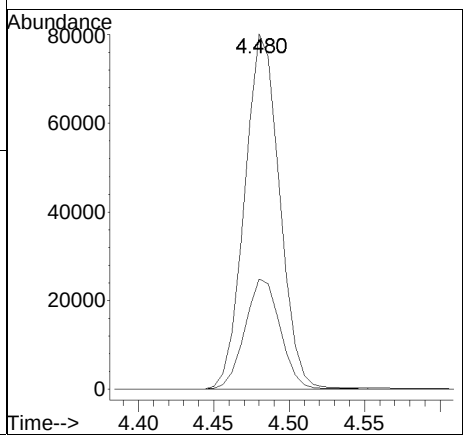


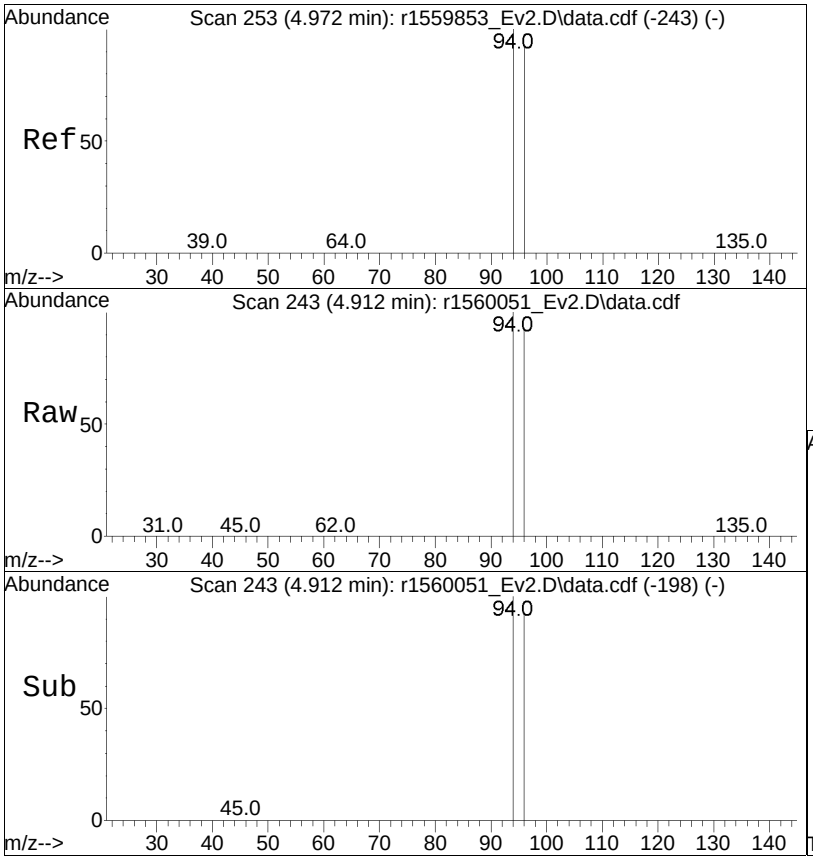


#7
vinyl chloride
Concen: 5.26 ppbV
RT: 4.480 min Scan# 171
Delta R.T. -0.060 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 62 Resp: 129448

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.7	37.1

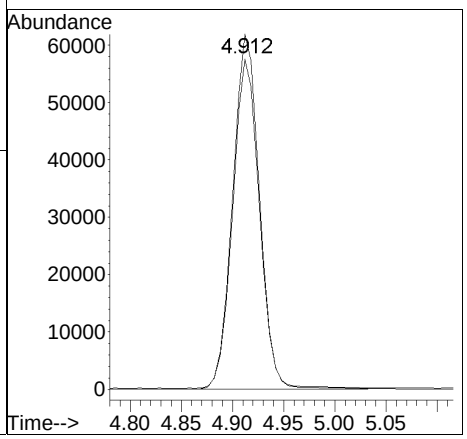


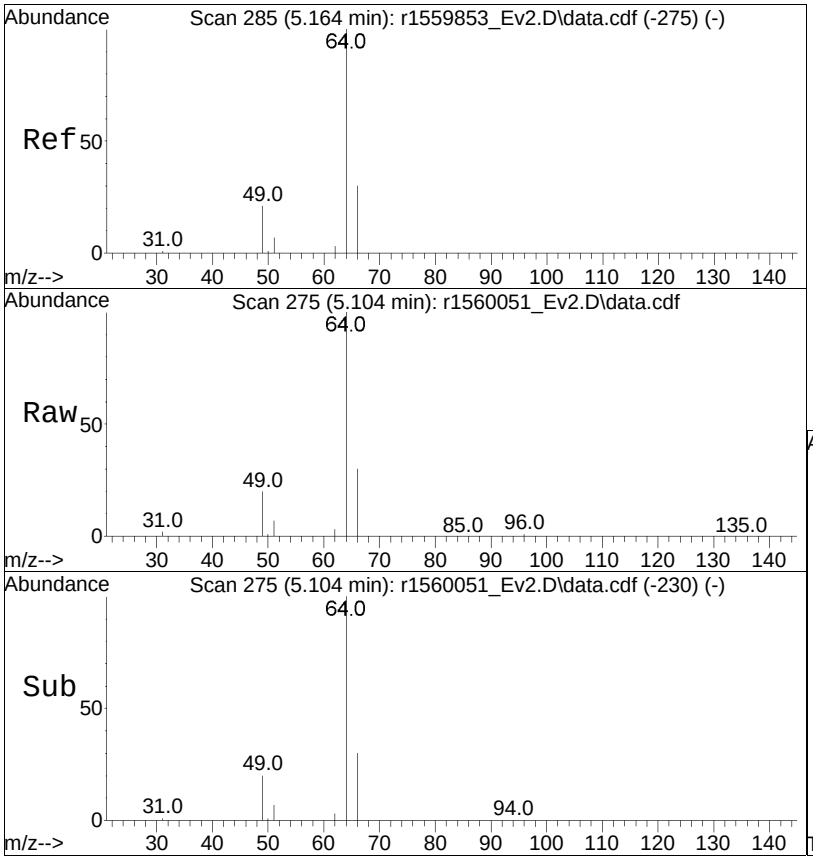


#9
bromomethane
Concen: 5.69 ppbV
RT: 4.912 min Scan# 243
Delta R.T. -0.060 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 94 Resp: 112368

Ion	Ratio	Lower	Upper
94	100		
96	92.9	74.3	111.5

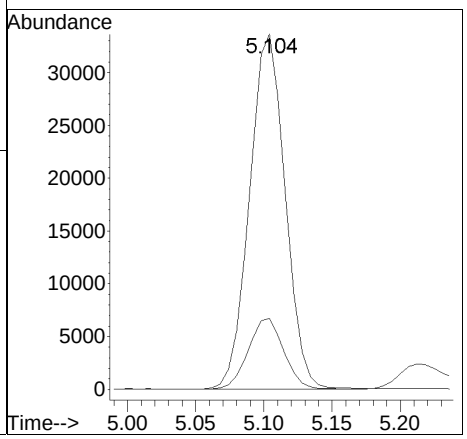


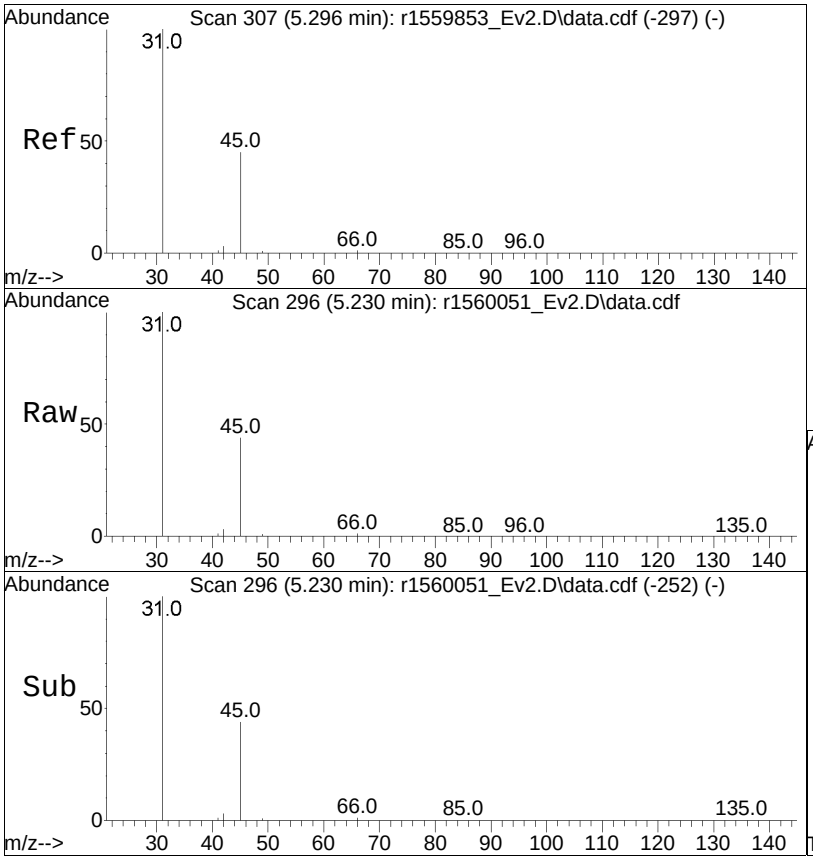


#10
chloroethane
Concen: 5.29 ppbV
RT: 5.104 min Scan# 275
Delta R.T. -0.060 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 64 Resp: 60860

Ion	Ratio	Lower	Upper
64	100		
49	20.0	17.1	25.7

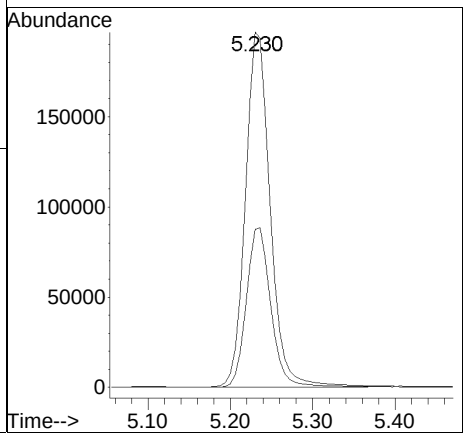


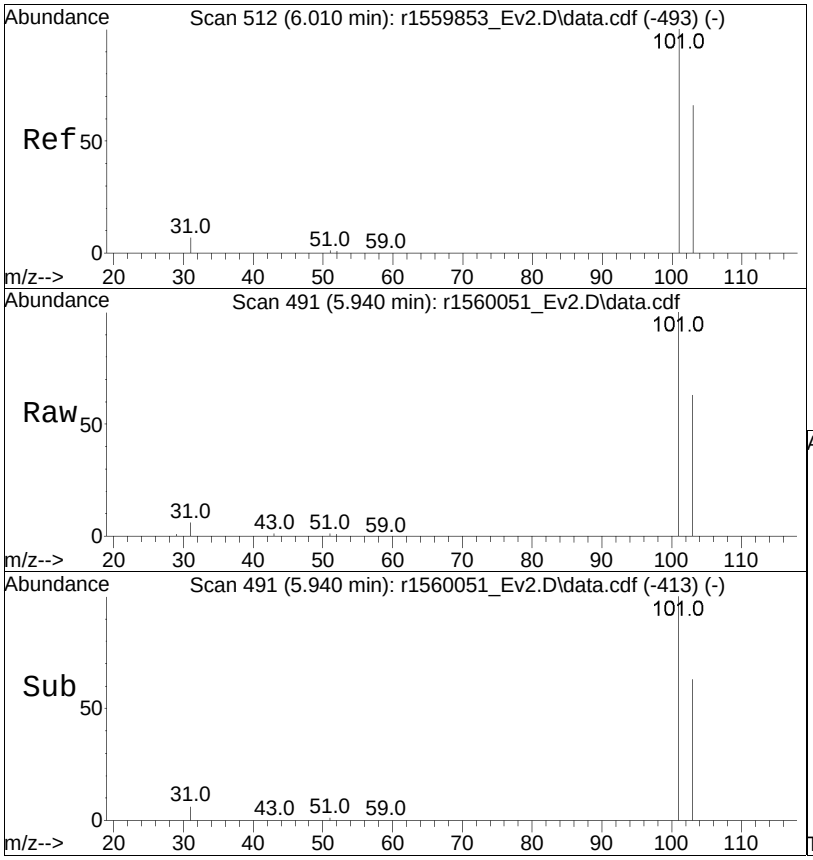


#11
ethanol
Concen: 24.46 ppbV
RT: 5.230 min Scan# 296
Delta R.T. -0.066 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 31 Resp: 407516

Ion	Ratio	Lower	Upper
31	100		
45	44.5	35.7	53.5

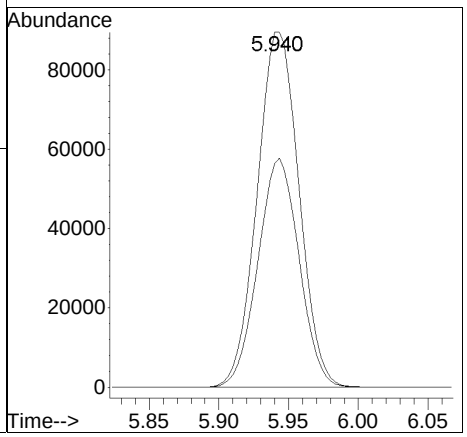


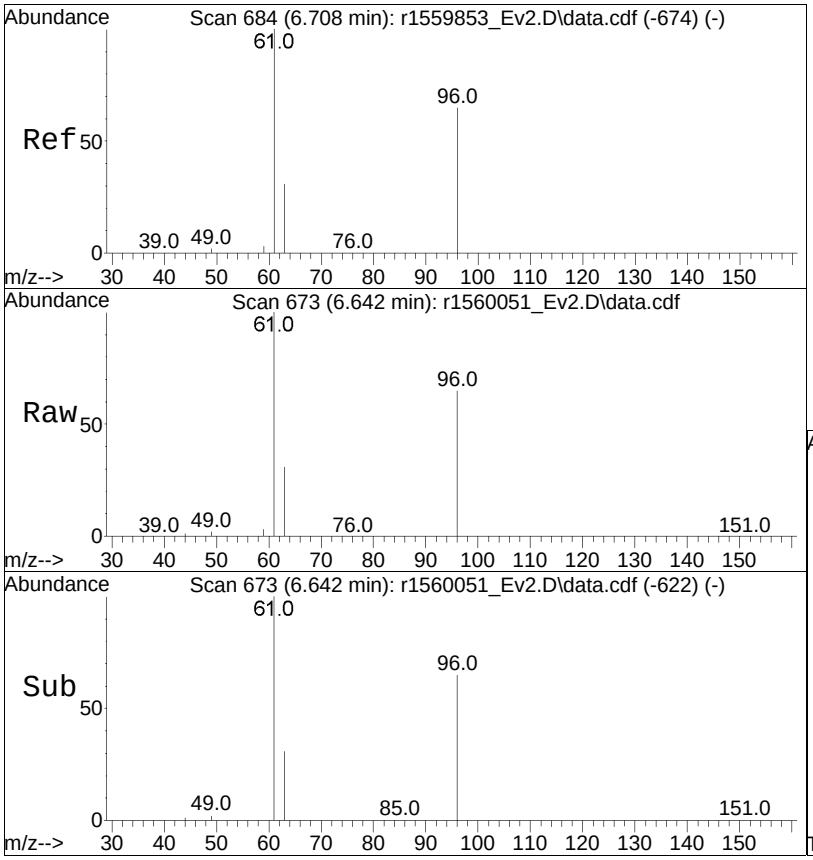


#15
trichlorofluoromethane
Concen: 4.87 ppbV
RT: 5.940 min Scan# 491
Delta R.T. -0.070 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:101 Resp: 187315

Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.4	78.6

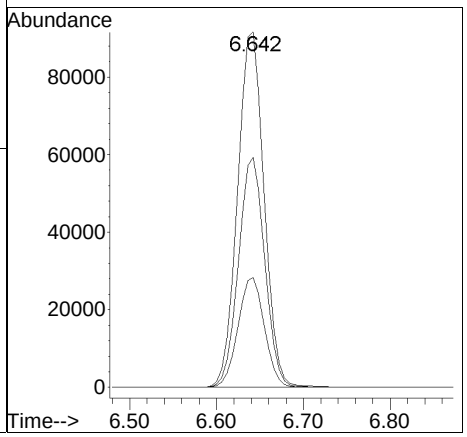


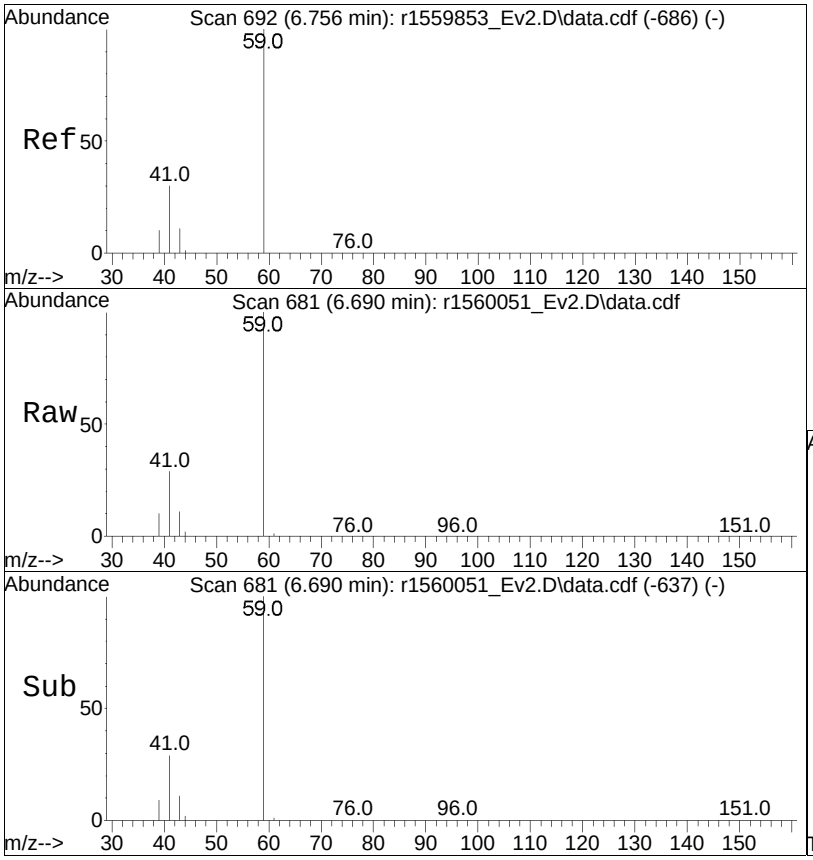


#18
1,1-dichloroethene
Concen: 5.33 ppbV
RT: 6.642 min Scan# 673
Delta R.T. -0.066 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 61 Resp: 194655

Ion	Ratio	Lower	Upper
61	100		
96	64.8	51.7	77.5
63	30.9	24.7	37.1

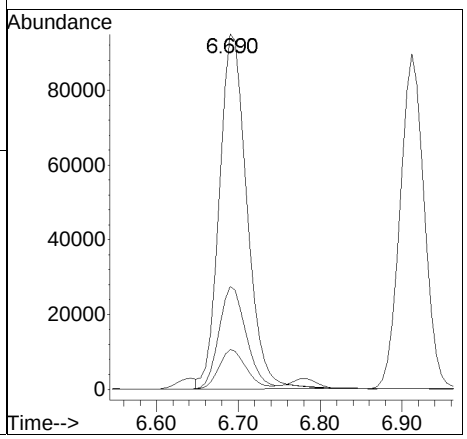


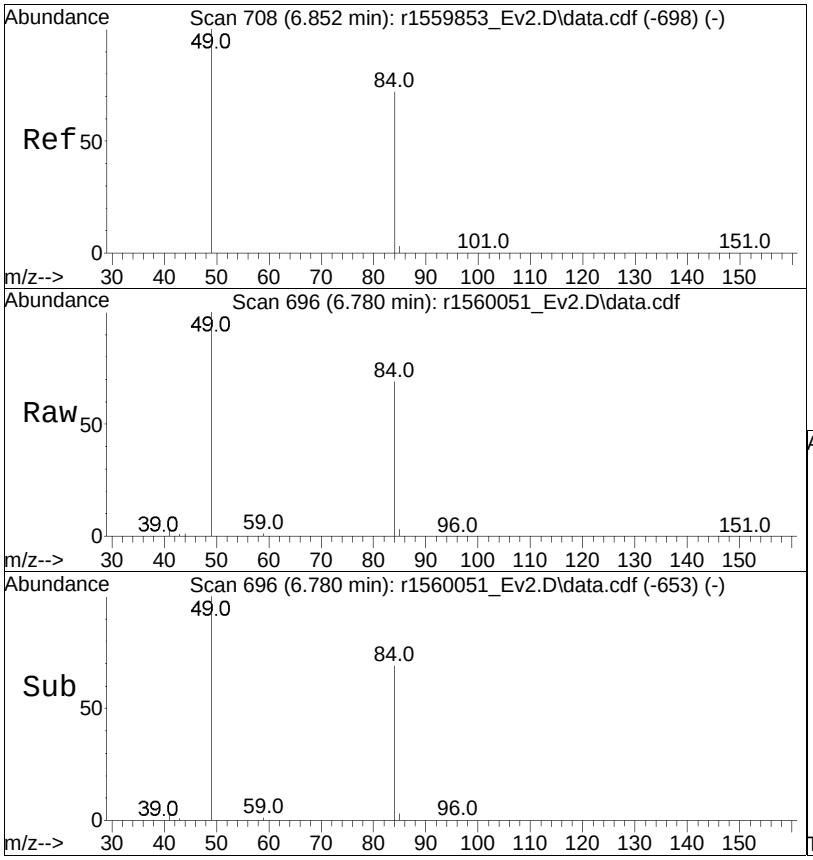


#19
tertiary butyl alcohol
Concen: 4.67 ppbV
RT: 6.690 min Scan# 681
Delta R.T. -0.066 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 59 Resp: 222473

Ion	Ratio	Lower	Upper
59	100		
41	28.8	23.9	35.9
43	10.9	8.6	13.0

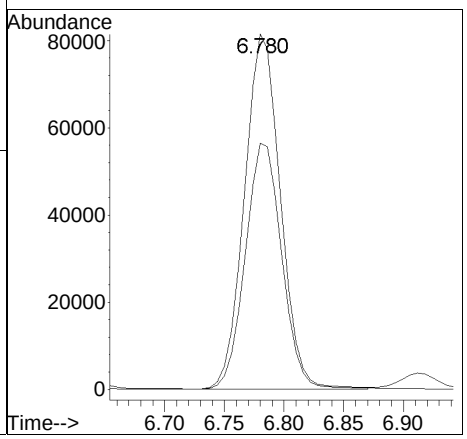


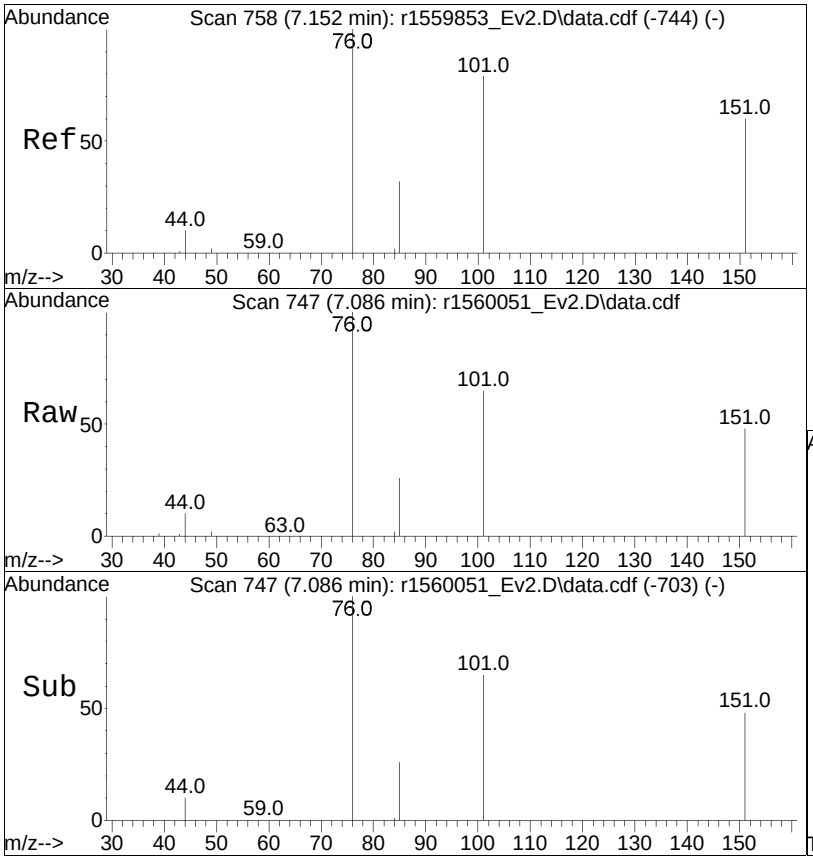


#20
methylene chloride
Concen: 5.28 ppbV
RT: 6.780 min Scan# 696
Delta R.T. -0.072 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 49 Resp: 170875

Ion	Ratio	Lower	Upper
49	100		
84	69.3	57.4	86.2

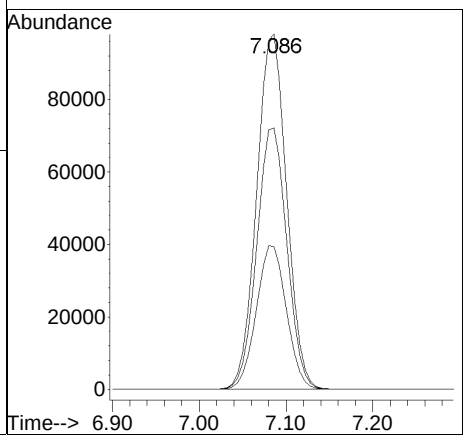


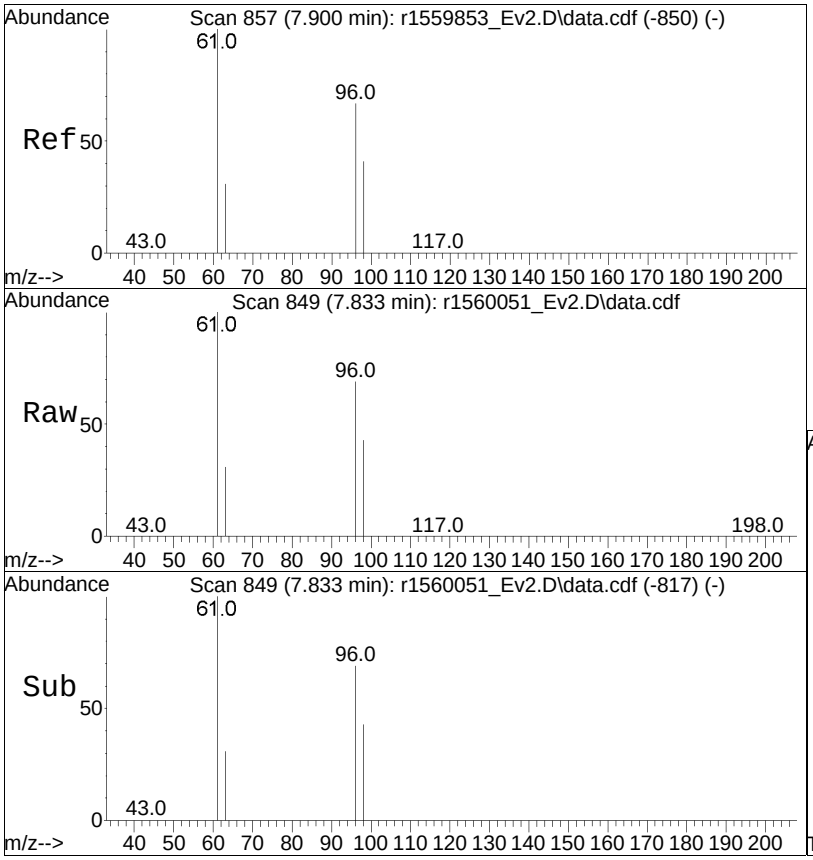


#23
Freon 113
Concen: 5.07 ppbV
RT: 7.086 min Scan# 747
Delta R.T. -0.066 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:101 Resp: 235850

Ion	Ratio	Lower	Upper
101	100		
85	40.2	32.7	49.1
151	73.6	60.2	90.2

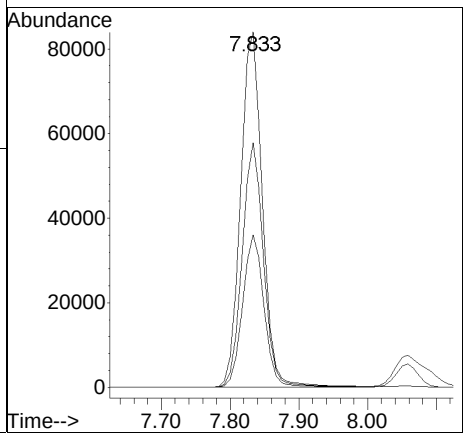


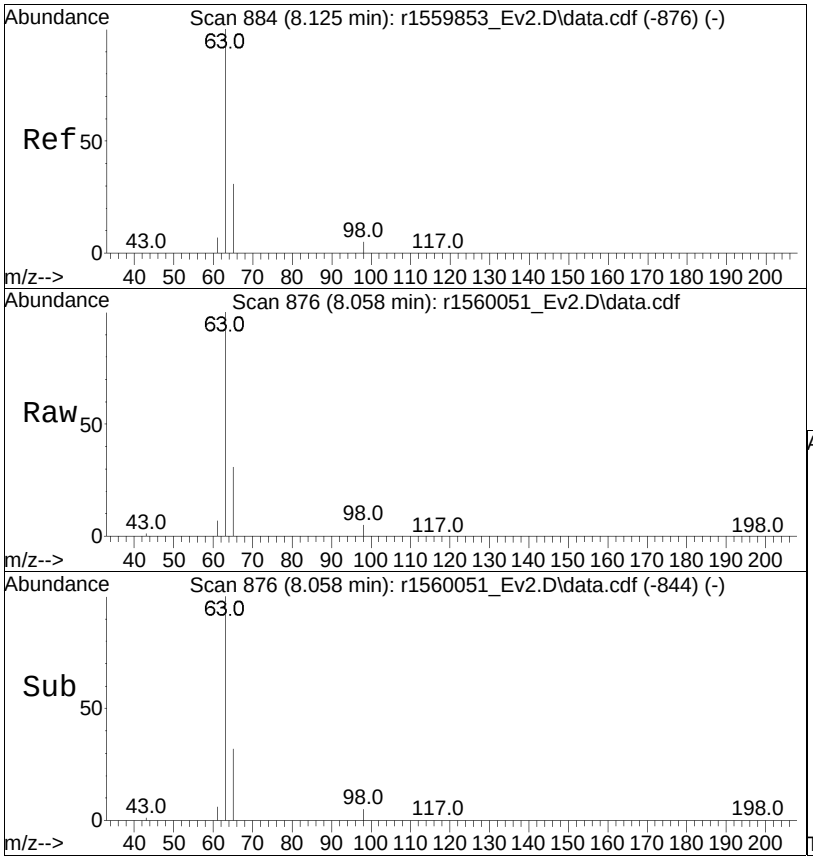


#24
trans-1,2-dichloroethene
Concen: 5.56 ppbV
RT: 7.833 min Scan# 849
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 61 Resp: 185413

Ion	Ratio	Lower	Upper
61	100		
96	68.9	53.3	79.9
98	43.0	33.1	49.7

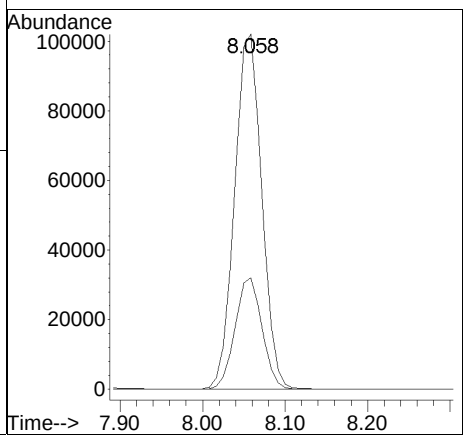


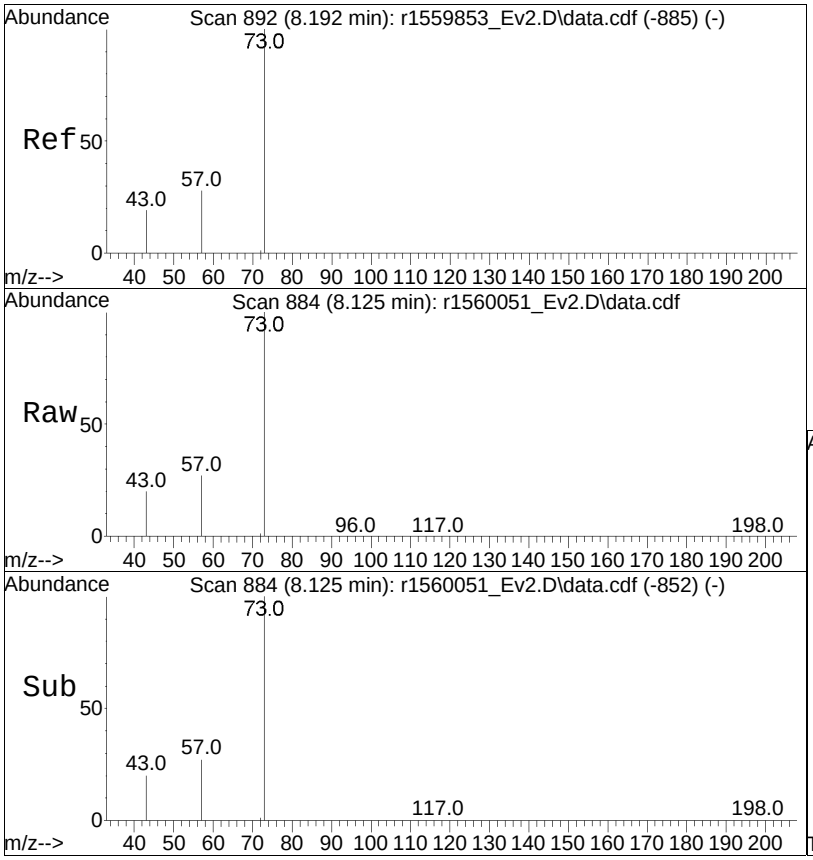


#25
1,1-dichloroethane
Concen: 5.07 ppbV
RT: 8.058 min Scan# 876
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 63 Resp: 233486

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.8	37.2

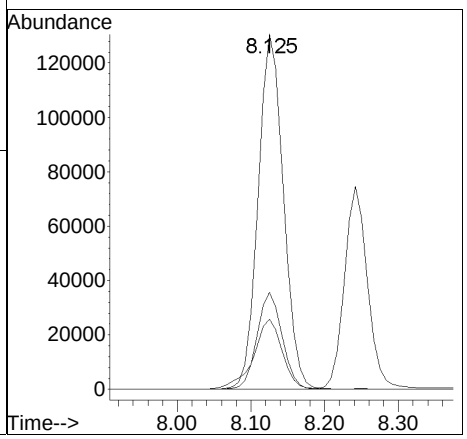


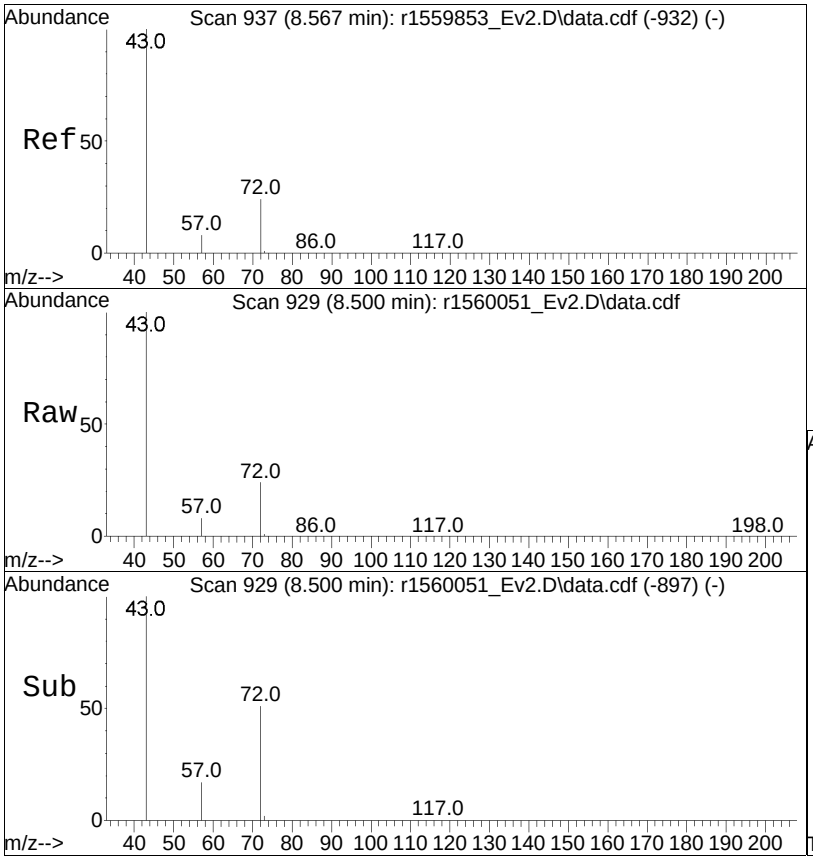


#26
MTBE
Concen: 5.88 ppbV
RT: 8.125 min Scan# 884
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 73 Resp: 312879

Ion	Ratio	Lower	Upper
73	100		
57	27.3	22.1	33.1
43	19.8	15.6	23.4

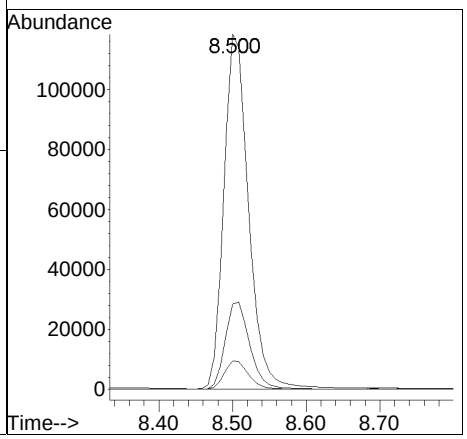


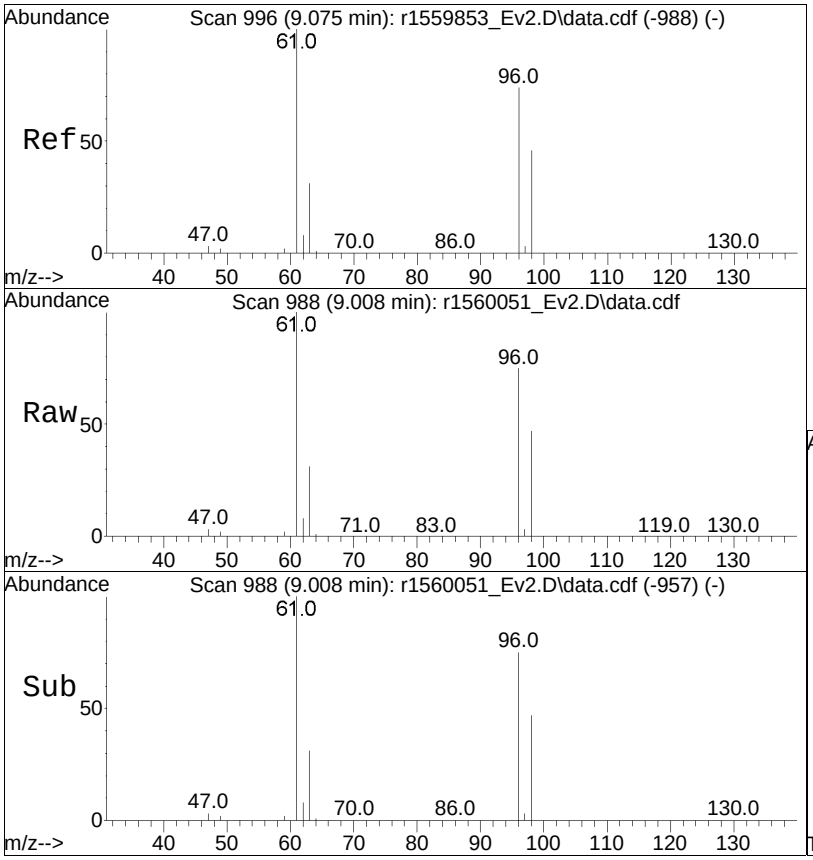


#28
2-butanone
Concen: 5.29 ppbV
RT: 8.500 min Scan# 929
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 43 Resp: 275952

Ion	Ratio	Lower	Upper
43	100		
72	24.0	19.4	29.2
57	8.0	6.5	9.7

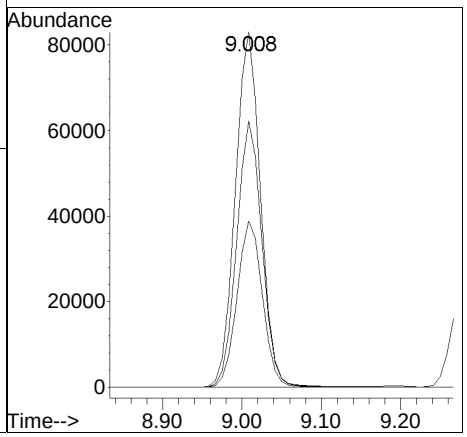


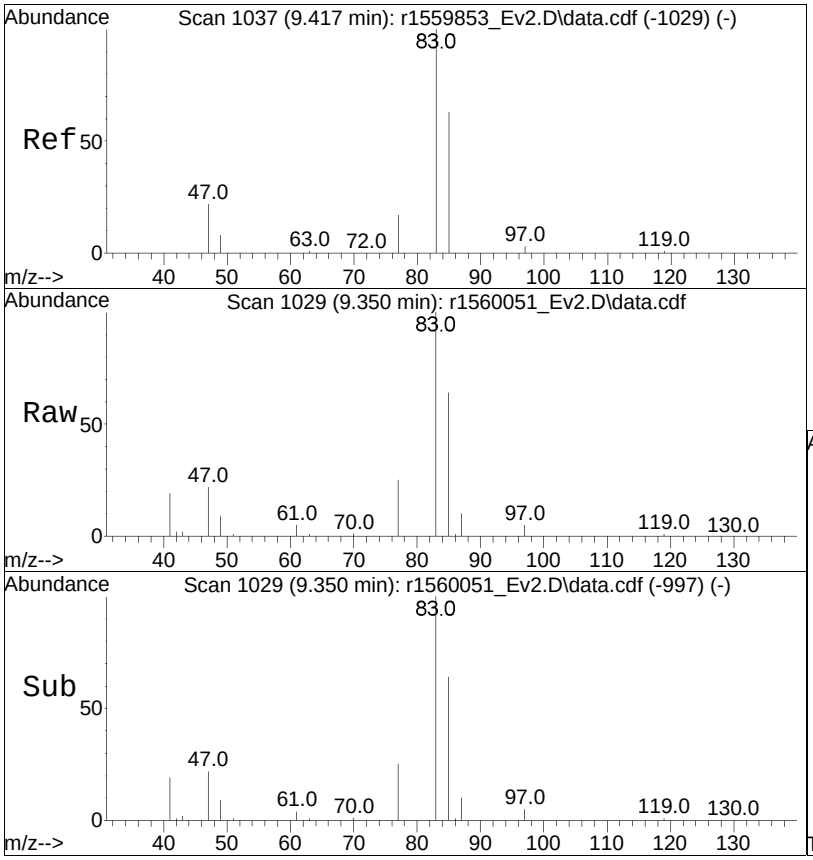


#29
cis-1,2-dichloroethene
Concen: 5.23 ppbV
RT: 9.008 min Scan# 988
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 61 Resp: 183460

Ion	Ratio	Lower	Upper
61	100		
96	74.9	59.4	89.2
98	46.9	36.8	55.2

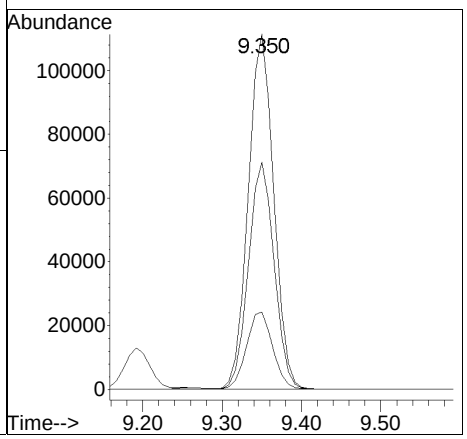


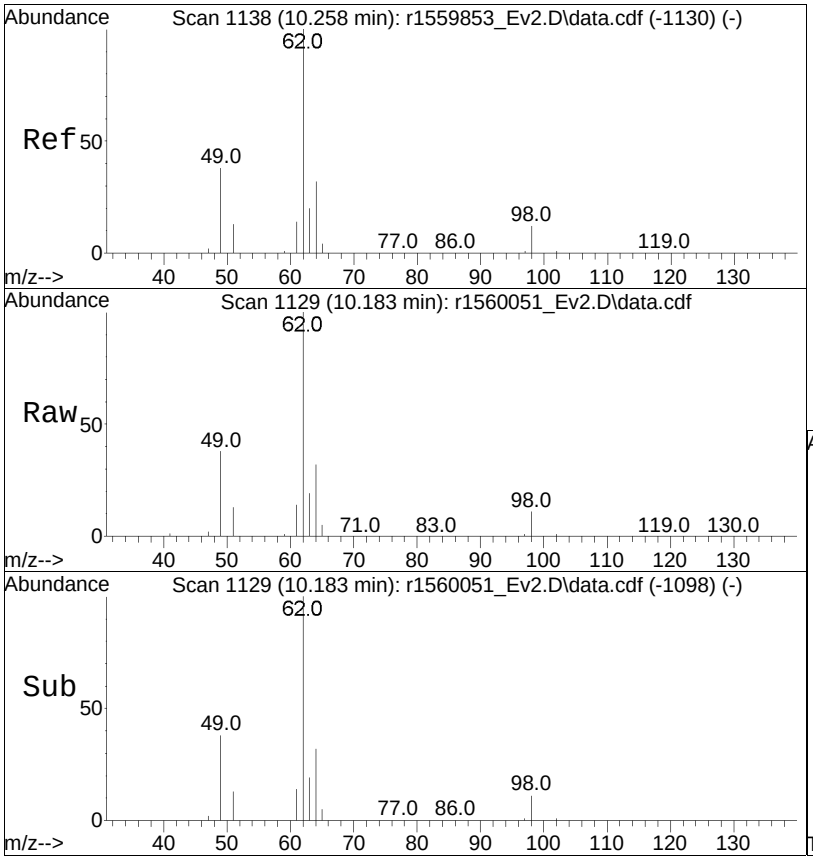


#31
chloroform
Concen: 5.10 ppbV
RT: 9.350 min Scan# 1029
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 83 Resp: 248889

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.5	75.7
47	21.8	17.7	26.5

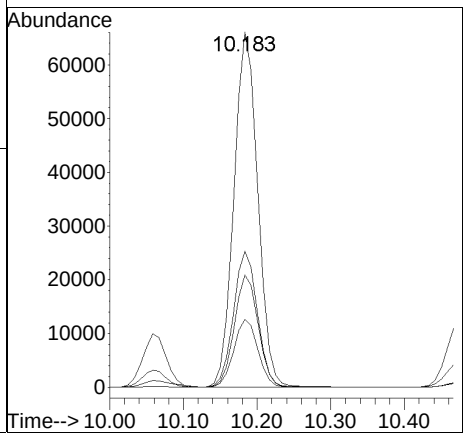


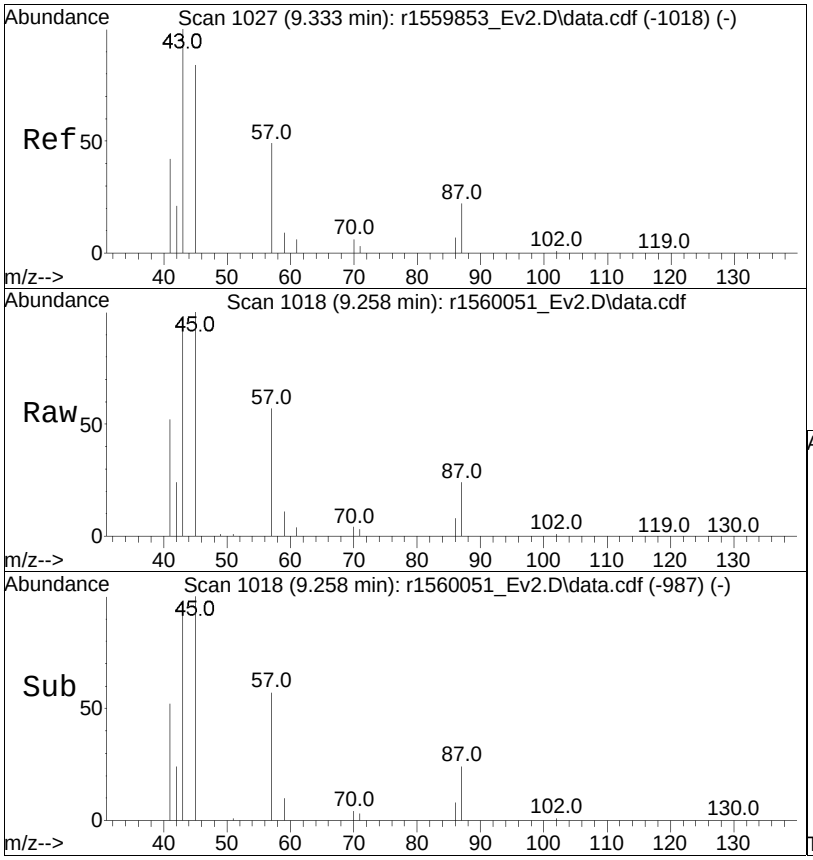


#33
1,2-dichloroethane
Concen: 5.12 ppbV
RT: 10.183 min Scan# 1129
Delta R.T. -0.075 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 62 Resp: 148597

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.5	38.3
49	38.3	30.9	46.3
63	19.2	15.8	23.8

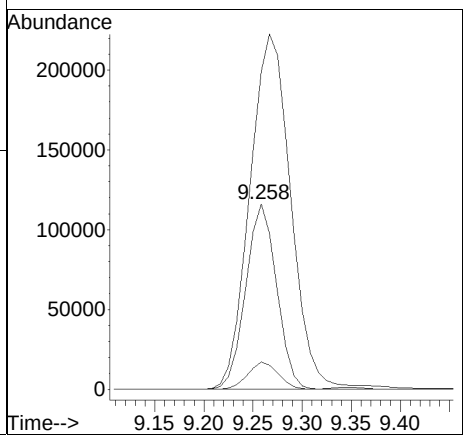


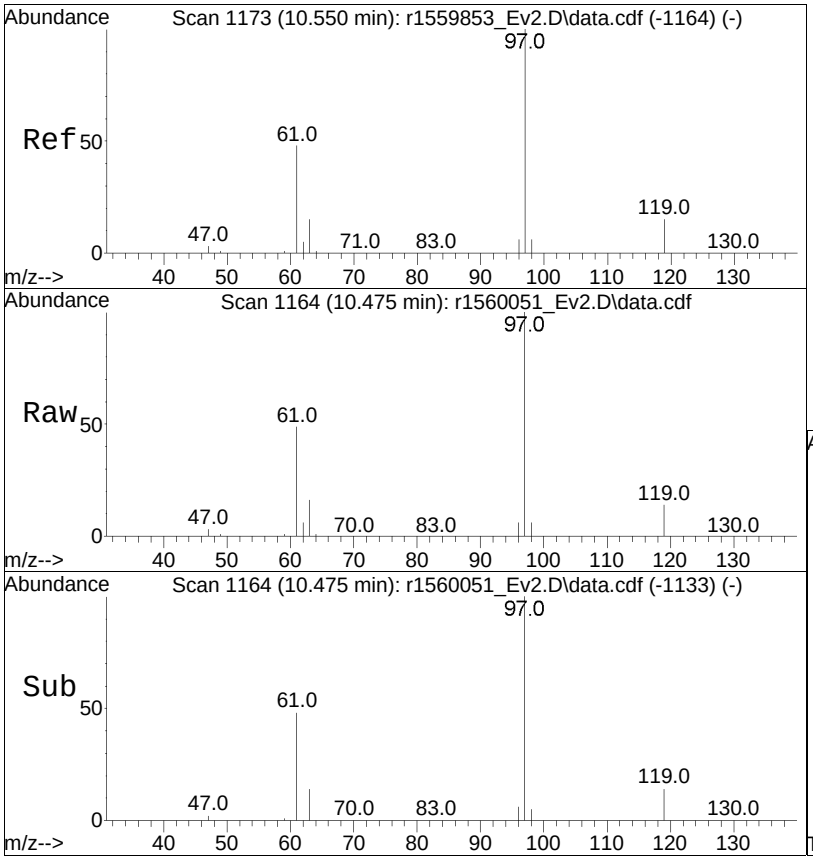


#35
hexane
Concen: 5.56 ppbV
RT: 9.258 min Scan# 1018
Delta R.T. -0.075 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 57 Resp: 253685

Ion	Ratio	Lower	Upper
57	100		
43	171.5	162.5	243.7
86	14.8	12.2	18.2

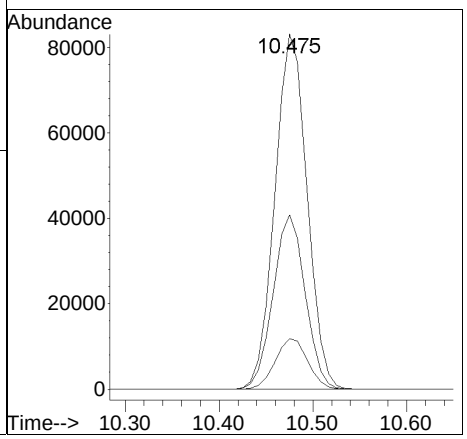


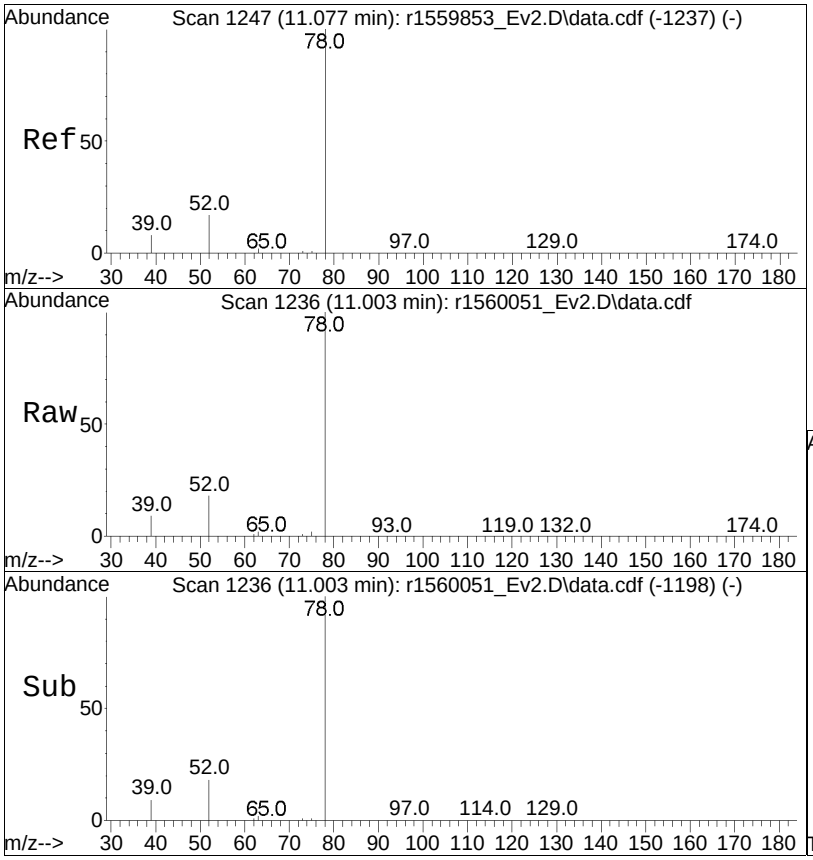


#37
1,1,1-trichloroethane
Concen: 5.01 ppbV
RT: 10.475 min Scan# 1164
Delta R.T. -0.075 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 97 Resp: 198254

Ion	Ratio	Lower	Upper
97	100		
61	49.1	38.3	57.5
119	14.3	11.8	17.6

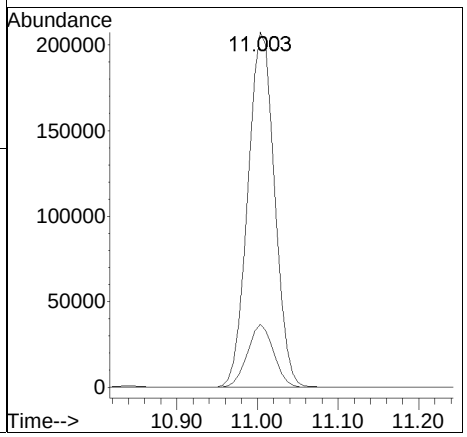


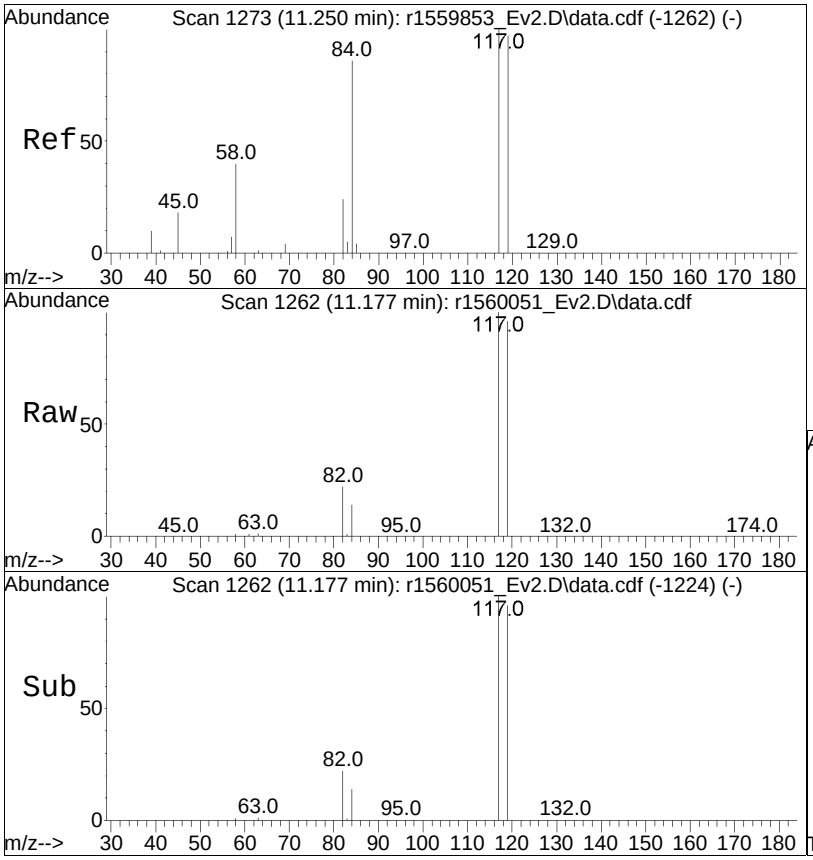


#38
benzene
Concen: 5.11 ppbV
RT: 11.003 min Scan# 1236
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 78 Resp: 479547

Ion	Ratio	Lower	Upper
78	100		
52	17.8	13.9	20.9

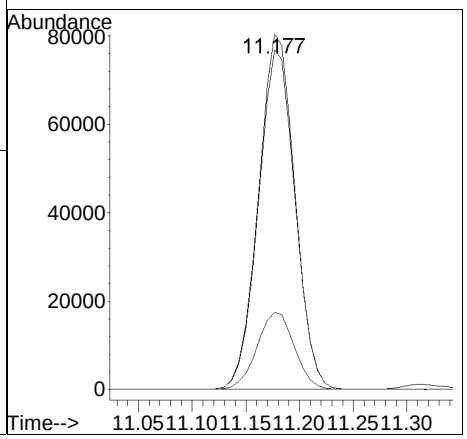


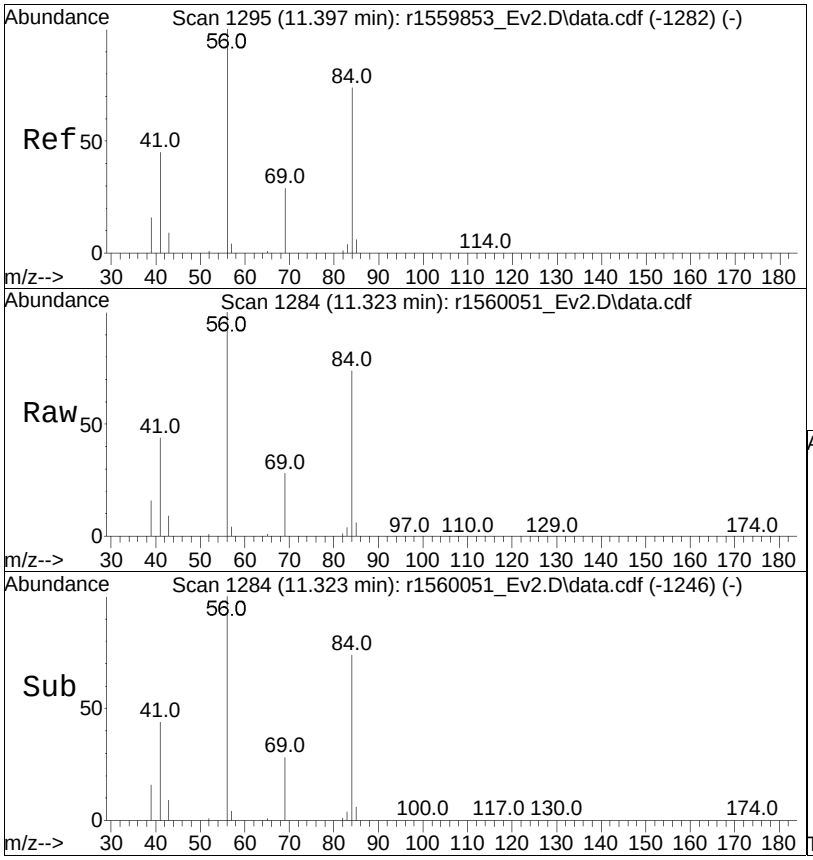


#39
carbon tetrachloride
Concen: 5.43 ppbV
RT: 11.177 min Scan# 1262
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:117 Resp: 189198

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.6	116.4
82	21.6	19.3	28.9

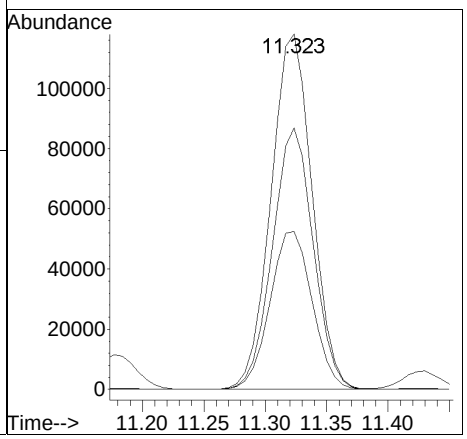


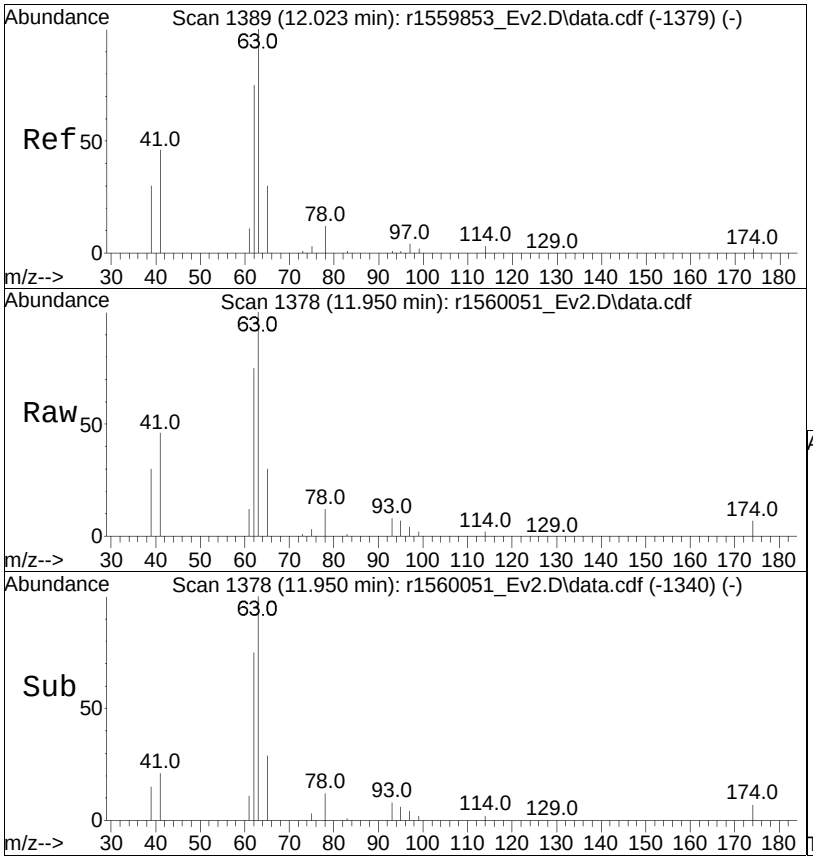


#40
cyclohexane
Concen: 5.63 ppbV
RT: 11.323 min Scan# 1284
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 56 Resp: 275123

Ion	Ratio	Lower	Upper
56	100		
84	73.6	59.8	89.8
41	44.4	36.2	54.4

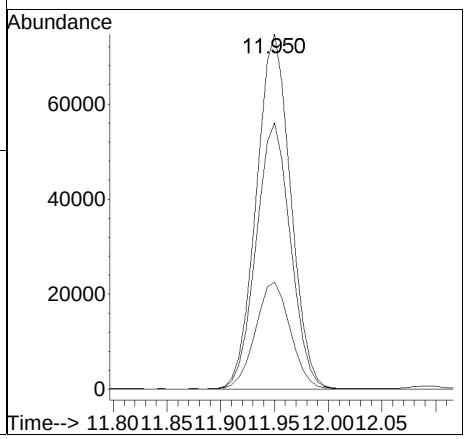


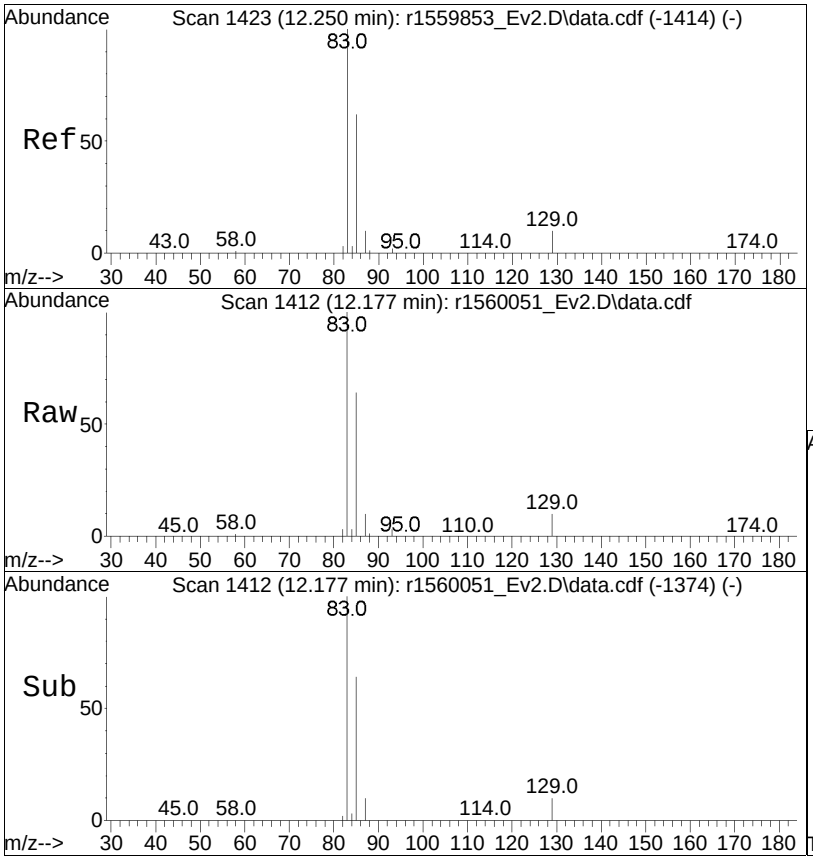


#42
1,2-dichloropropane
Concen: 5.06 ppbV
RT: 11.950 min Scan# 1378
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 63 Resp: 166172

Ion	Ratio	Lower	Upper
63	100		
62	75.1	59.9	89.9
39	30.2	23.8	35.8

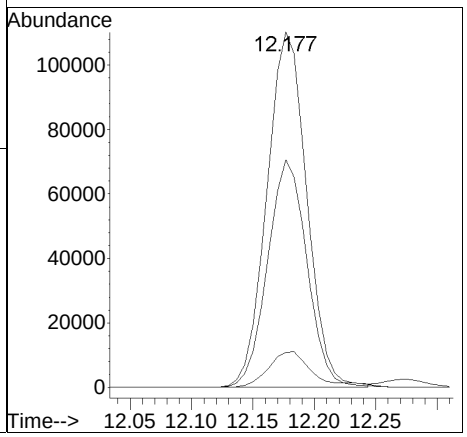


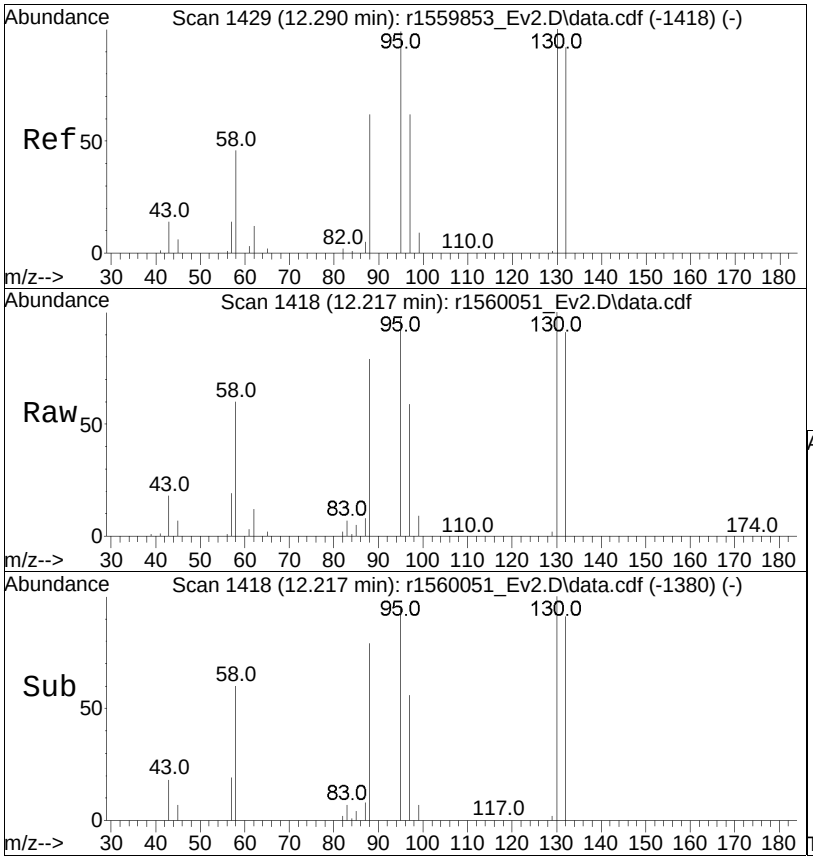


#43
bromodichloromethane
Concen: 5.78 ppbV
RT: 12.177 min Scan# 1412
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 83 Resp: 248570

Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.8	74.8
129	9.9	8.1	12.1

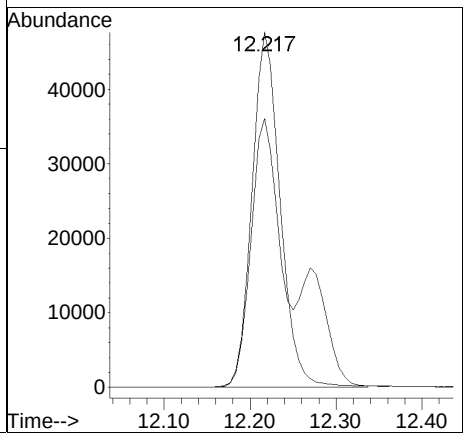


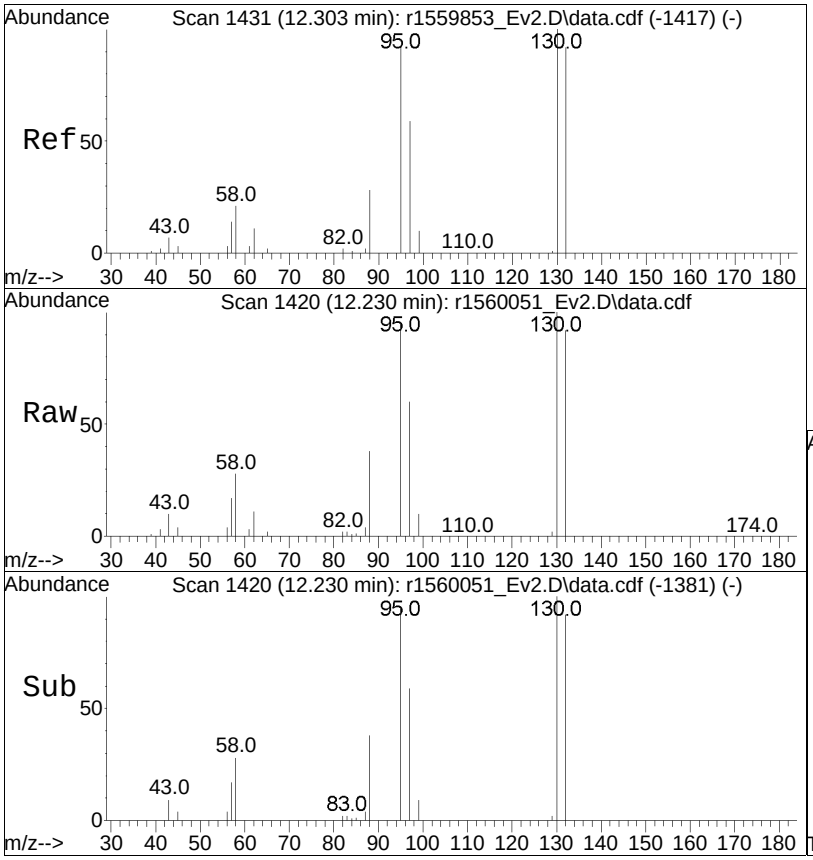


#44
1,4-dioxane
Concen: 5.97 ppbV
RT: 12.217 min Scan# 1418
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 88 Resp: 108446

Ion	Ratio	Lower	Upper
88	100		
58	75.7	60.2	90.2

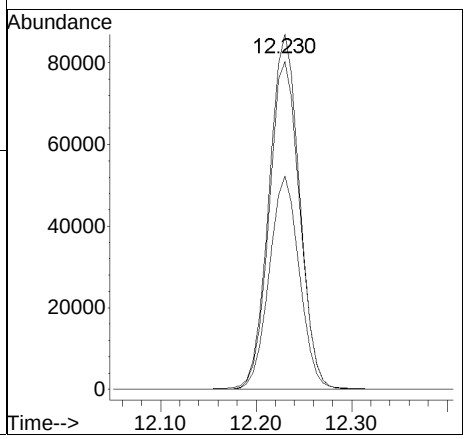


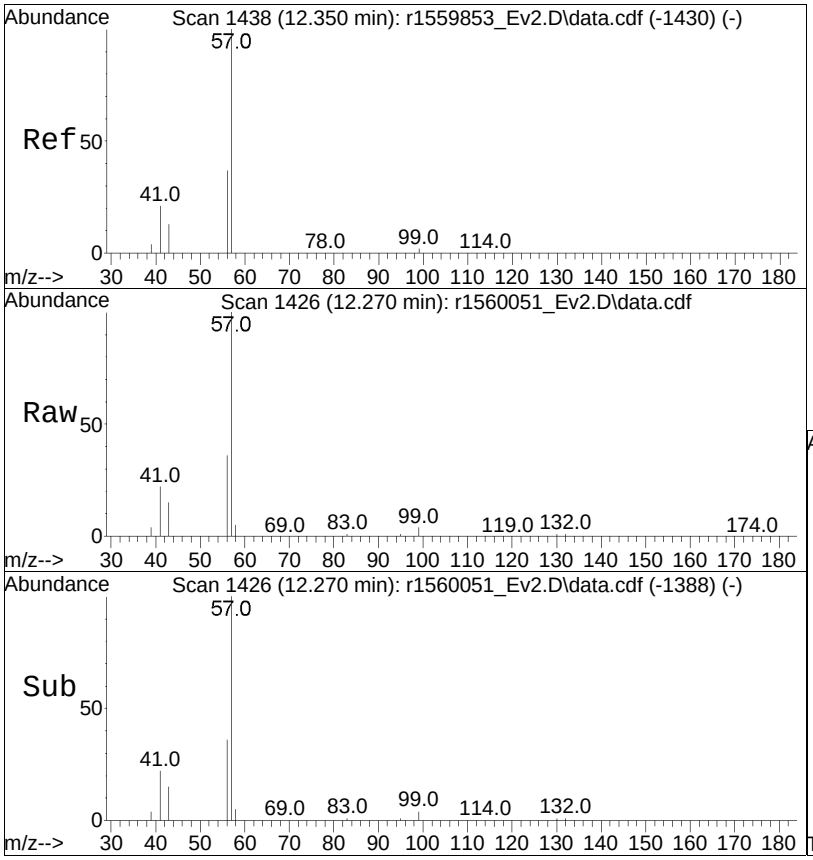


#45
trichloroethene
Concen: 5.16 ppbV
RT: 12.230 min Scan# 1420
Delta R.T. -0.073 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:130 Resp: 193126

Ion	Ratio	Lower	Upper
130	100		
132	92.2	73.5	110.3
97	60.1	47.4	71.0

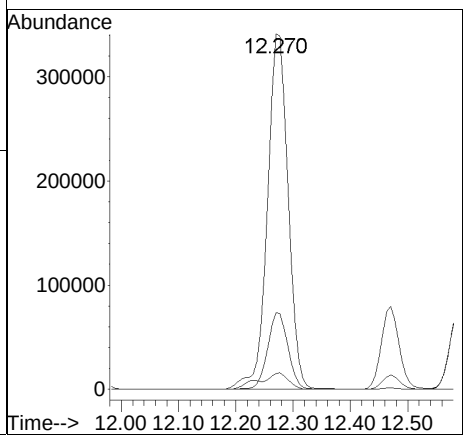


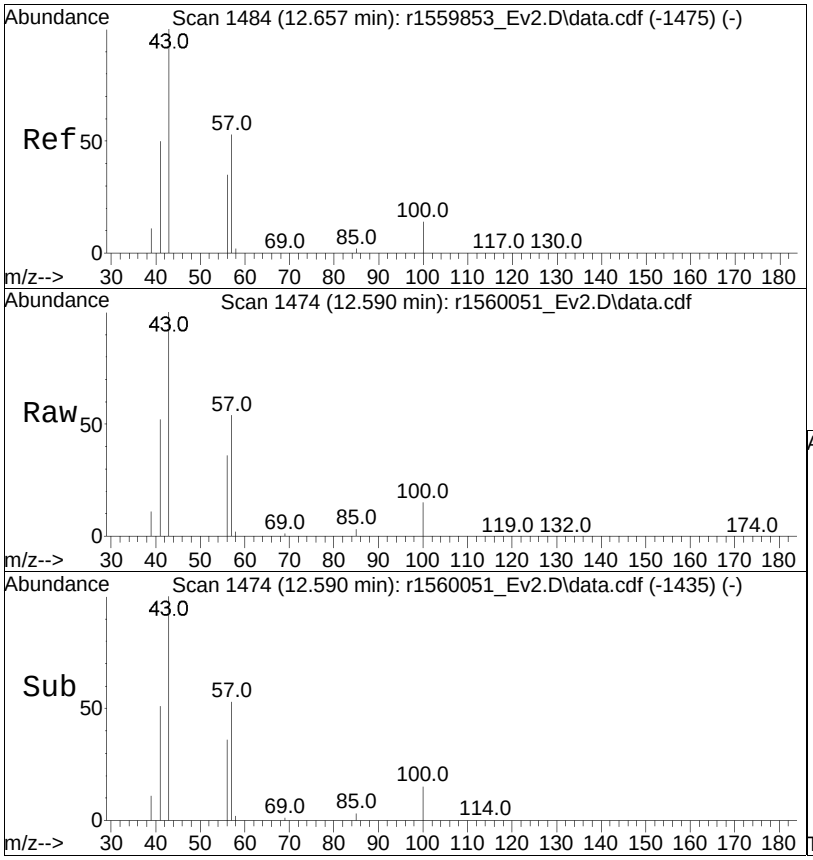


#46
2,2,4-trimethylpentane
Concen: 5.86 ppbV
RT: 12.270 min Scan# 1426
Delta R.T. -0.080 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 57 Resp: 860992

Ion	Ratio	Lower	Upper
57	100		
99	4.5	3.8	5.6
41	21.6	16.6	25.0

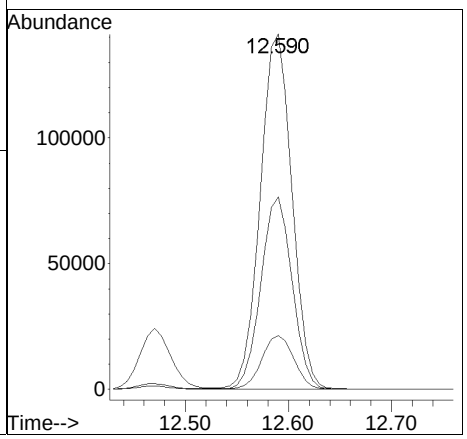


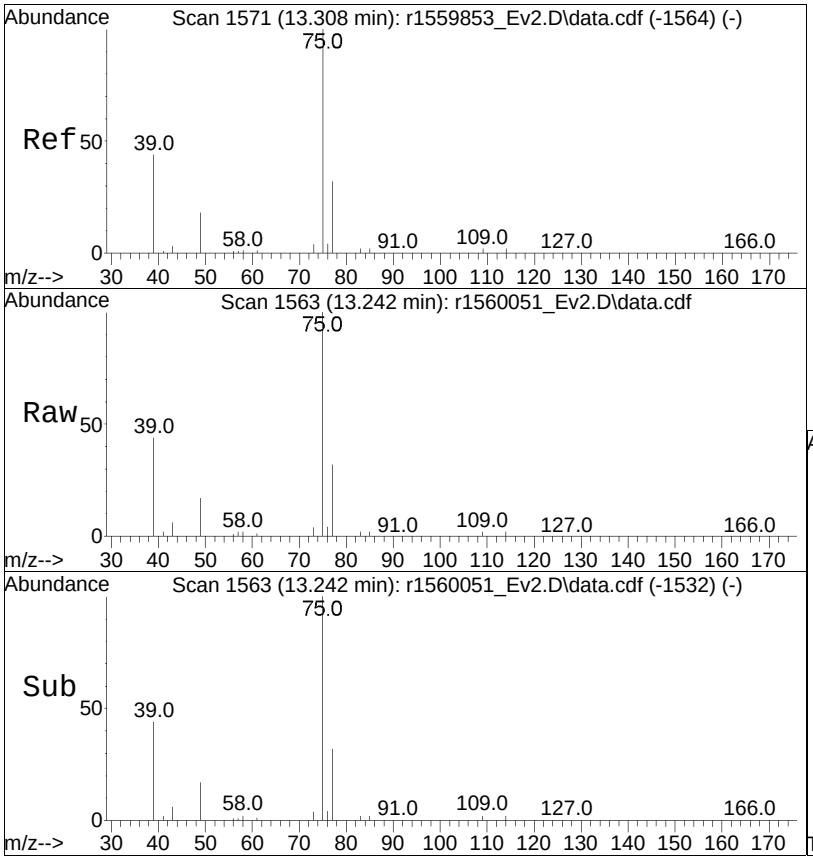


#47
heptane
Concen: 5.87 ppbV
RT: 12.590 min Scan# 1474
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 43 Resp: 301997

Ion	Ratio	Lower	Upper
43	100		
57	54.1	42.3	63.5
100	15.1	11.8	17.6

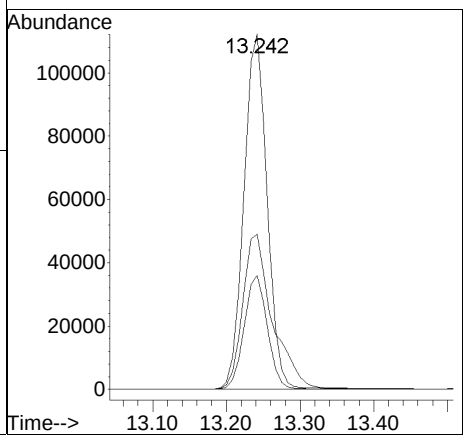


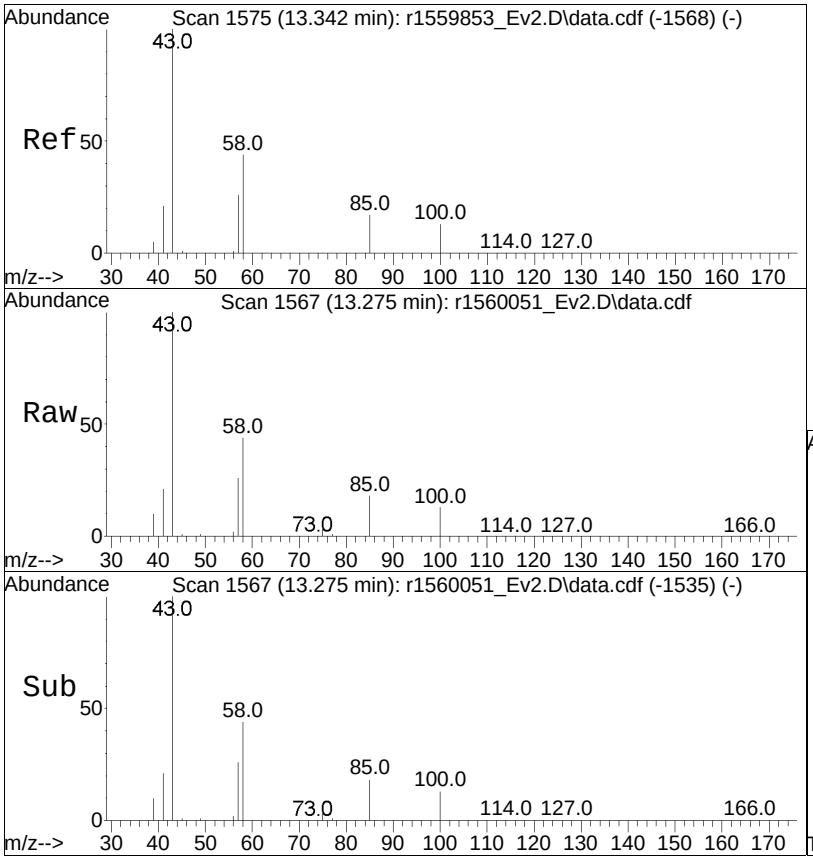


#48
cis-1,3-dichloropropene
Concen: 6.66 ppbV
RT: 13.242 min Scan# 1563
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 75 Resp: 245448

Ion	Ratio	Lower	Upper
75	100		
39	43.6	35.8	53.6
77	32.1	25.8	38.8

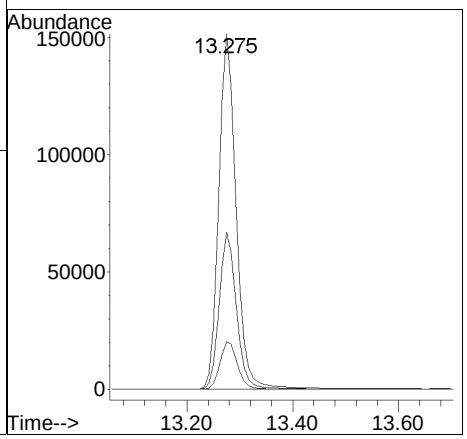


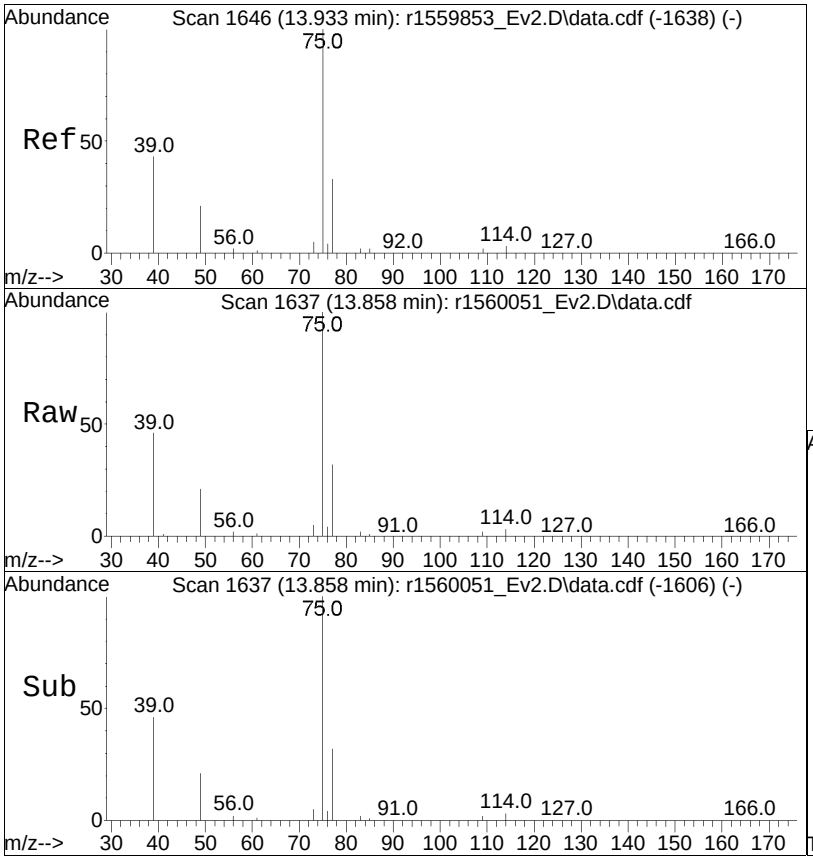


#49
4-methyl-2-pentanone
Concen: 5.96 ppbV
RT: 13.275 min Scan# 1567
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 43 Resp: 345903

Ion	Ratio	Lower	Upper
43	100		
58	44.2	35.1	52.7
100	13.4	10.7	16.1

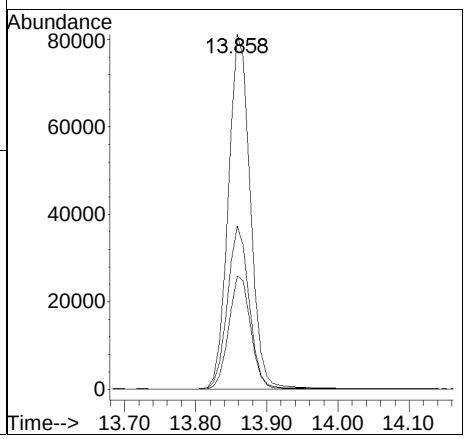


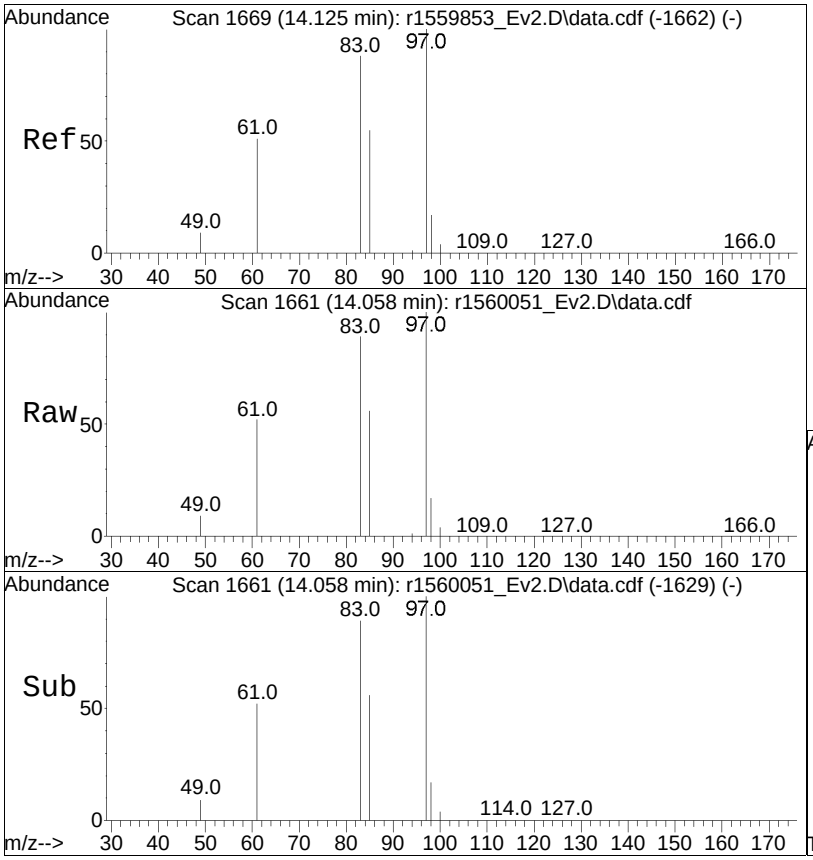


#50
trans-1,3-dichloropropene
Concen: 6.95 ppbV
RT: 13.858 min Scan# 1637
Delta R.T. -0.075 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 75 Resp: 174984

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.1	39.1
39	46.0	34.6	51.8

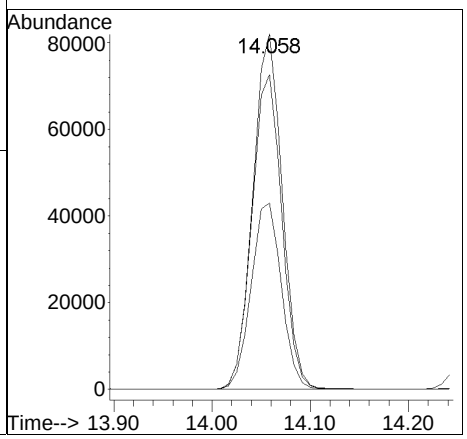


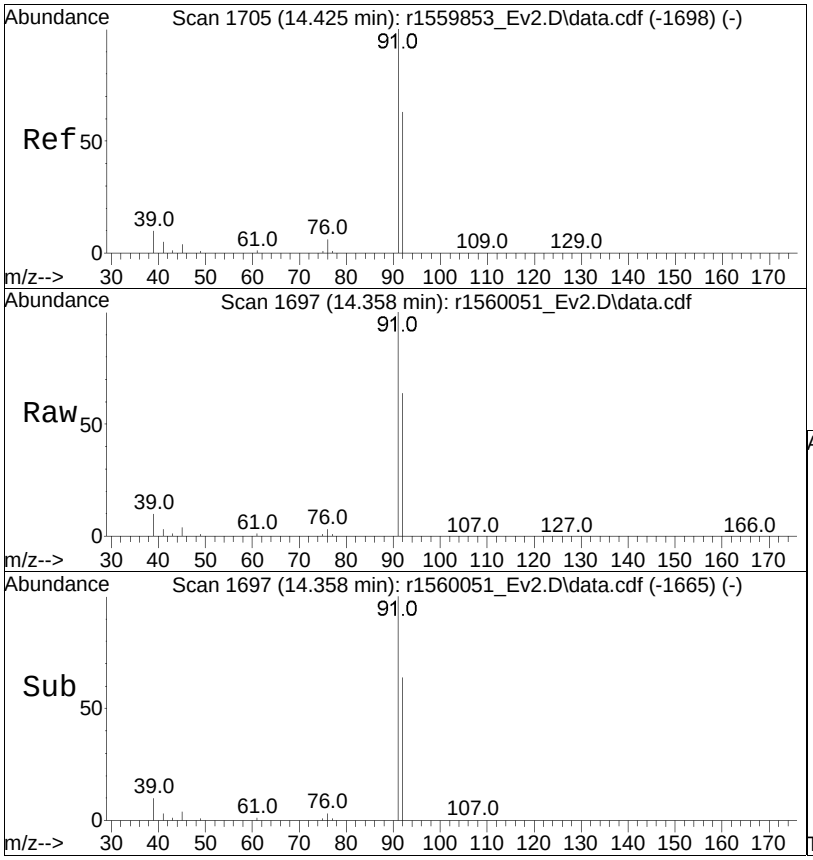


#51
1,1,2-trichloroethane
Concen: 5.11 ppbV
RT: 14.058 min Scan# 1661
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 97 Resp: 170844

Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.1	105.1
61	52.5	40.7	61.1

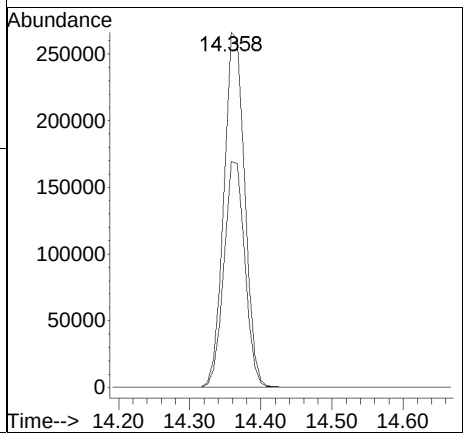


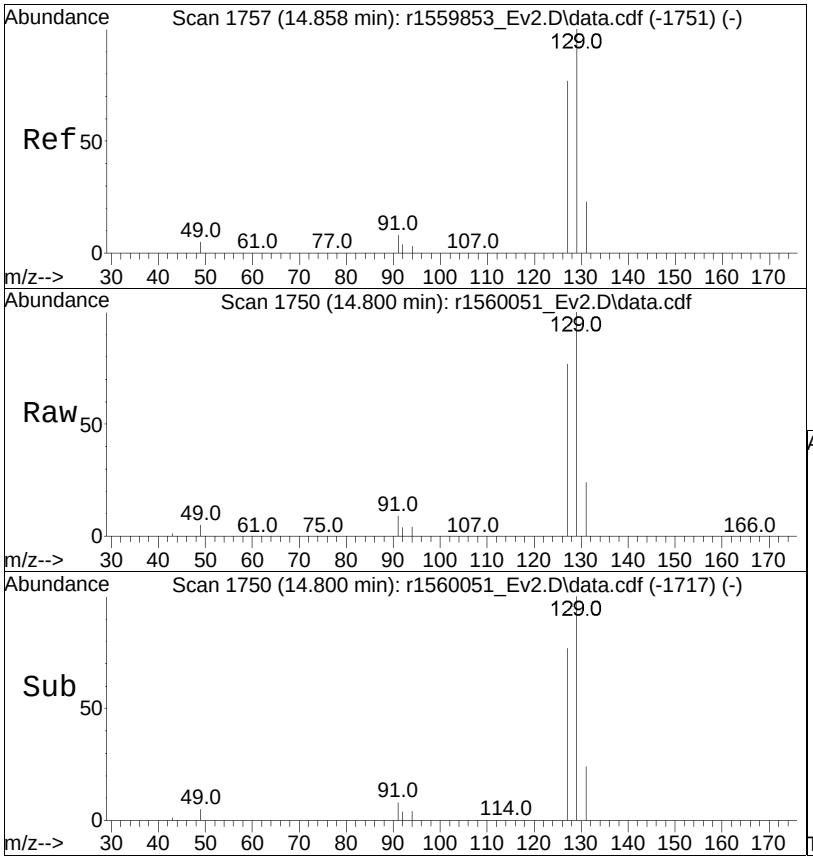


#53
toluene
Concen: 5.50 ppbV
RT: 14.358 min Scan# 1697
Delta R.T. -0.067 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 91 Resp: 542811

Ion	Ratio	Lower	Upper
91	100		
92	63.6	50.6	75.8

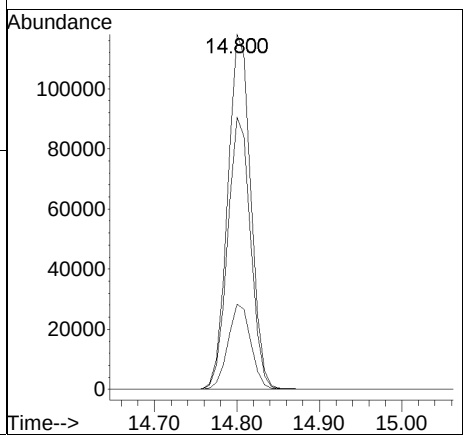


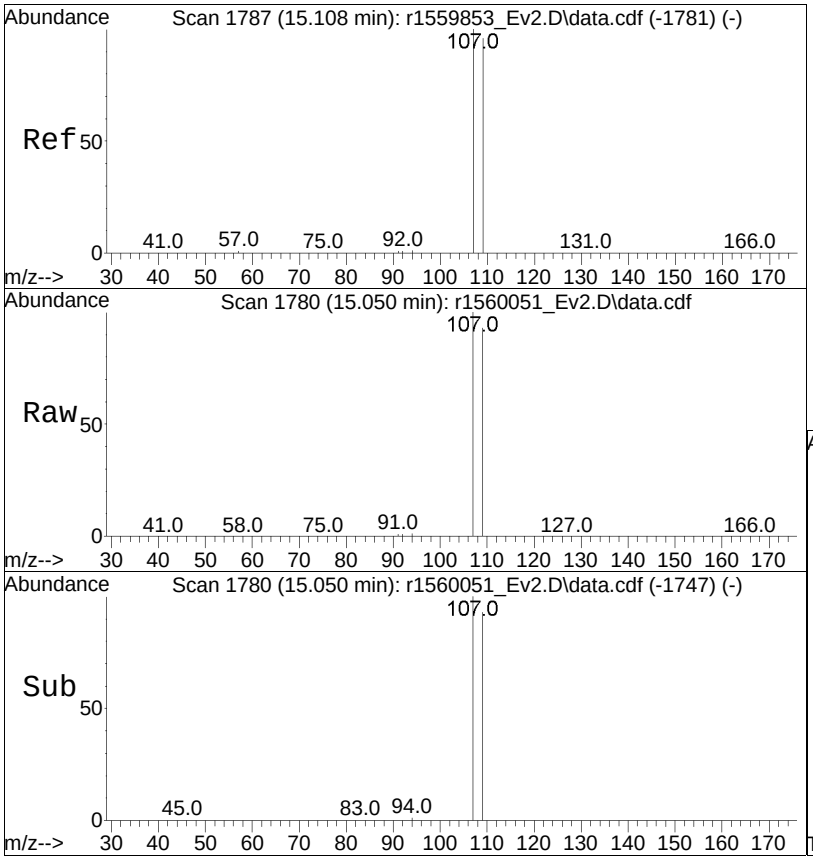


#56
dibromochloromethane
Concen: 6.13 ppbV
RT: 14.800 min Scan# 1750
Delta R.T. -0.058 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:129 Resp: 229036

Ion	Ratio	Lower	Upper
129	100		
127	76.6	61.4	92.2
131	24.0	18.9	28.3

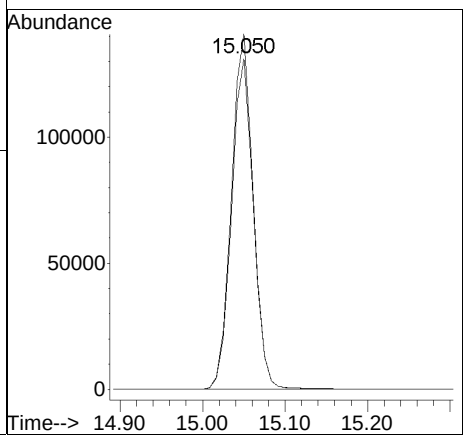


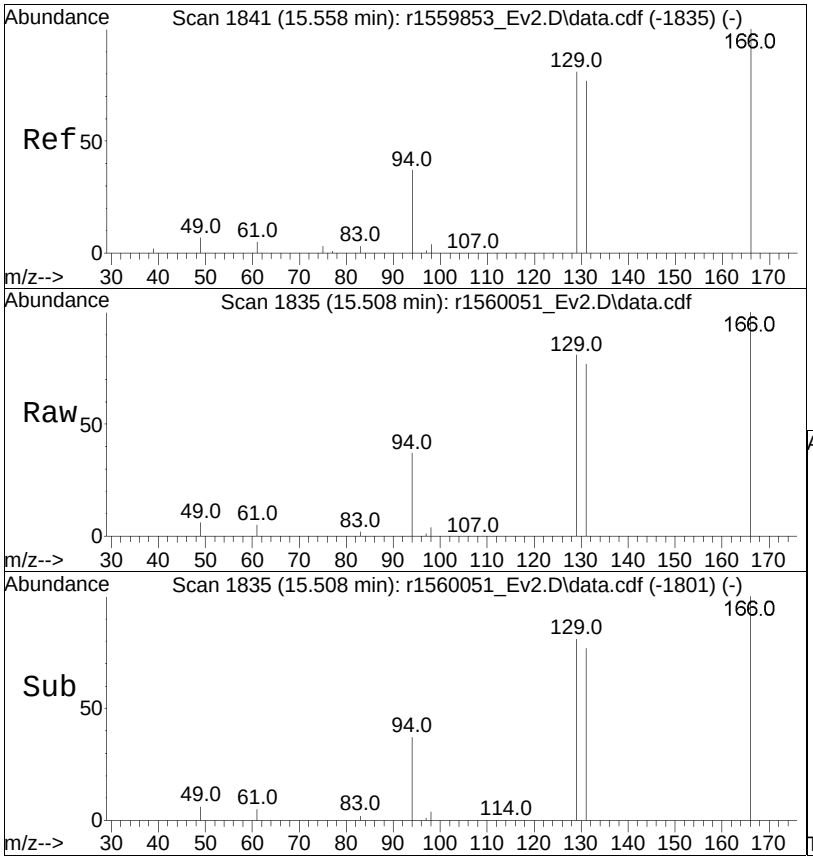


#57
1,2-dibromoethane
Concen: 5.91 ppbV
RT: 15.050 min Scan# 1780
Delta R.T. -0.058 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:107 Resp: 258651

Ion	Ratio	Lower	Upper
107	100		
109	93.1	76.8	115.2

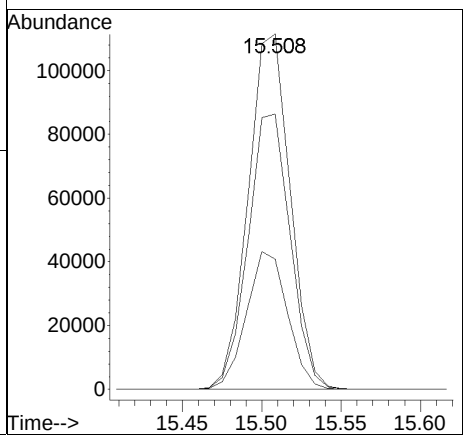


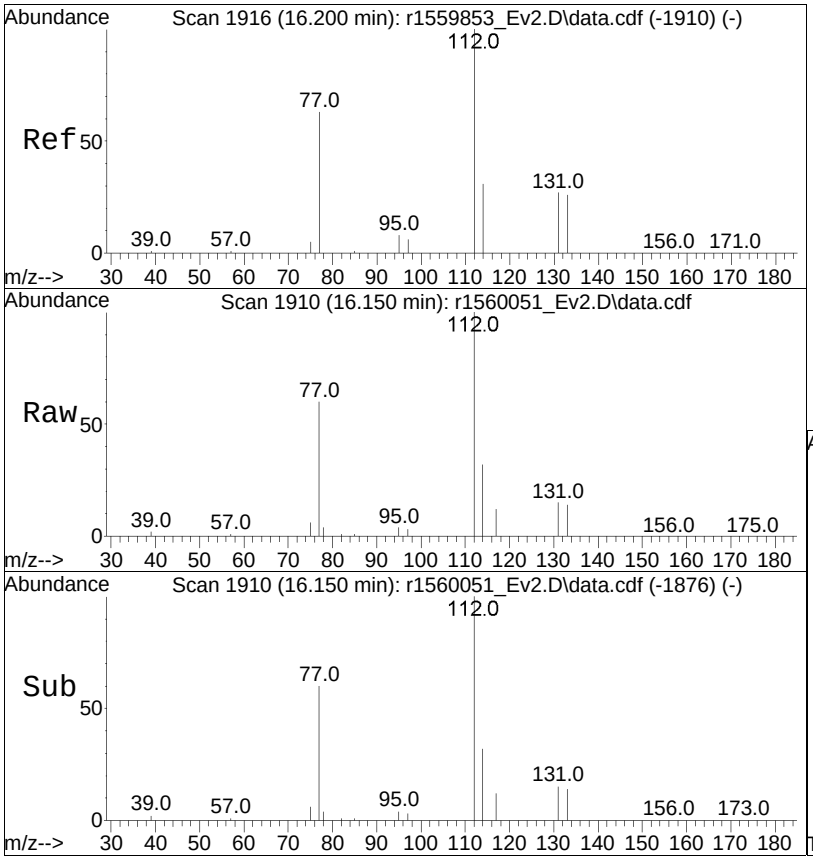


#58
tetrachloroethene
Concen: 5.29 ppbV
RT: 15.508 min Scan# 1835
Delta R.T. -0.050 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:166 Resp: 205567

Ion	Ratio	Lower	Upper
166	100		
131	77.5	61.3	91.9
94	36.7	29.4	44.2

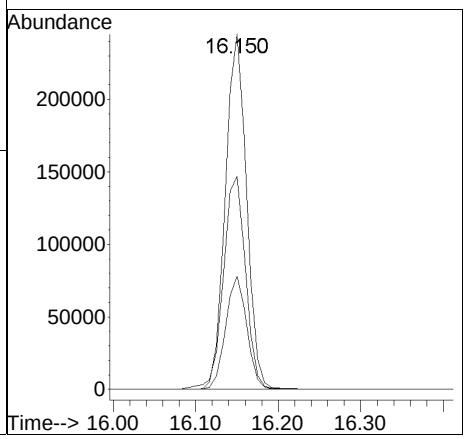


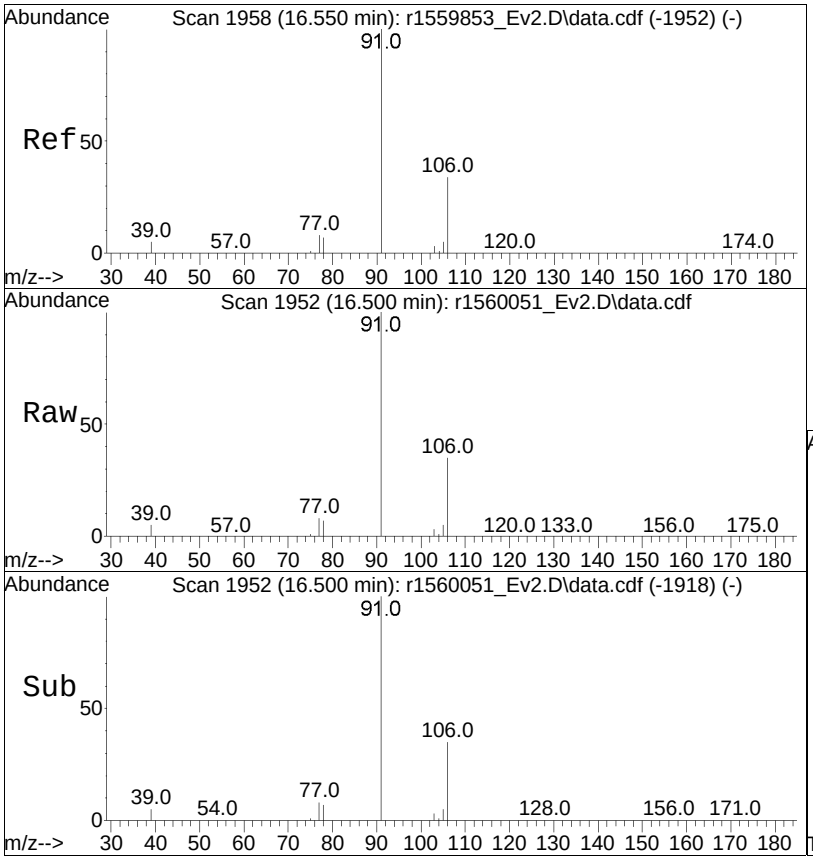


#60
chlorobenzene
Concen: 5.34 ppbV
RT: 16.150 min Scan# 1910
Delta R.T. -0.050 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:112 Resp: 437553

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7
77	60.0	50.7	76.1

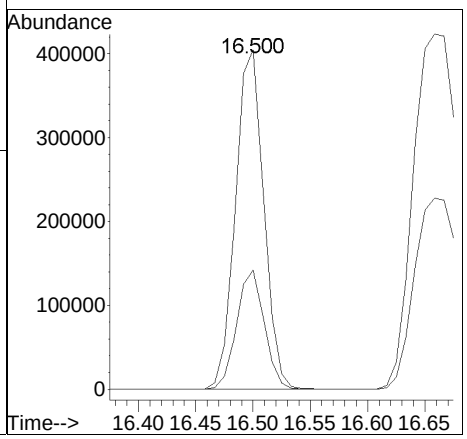


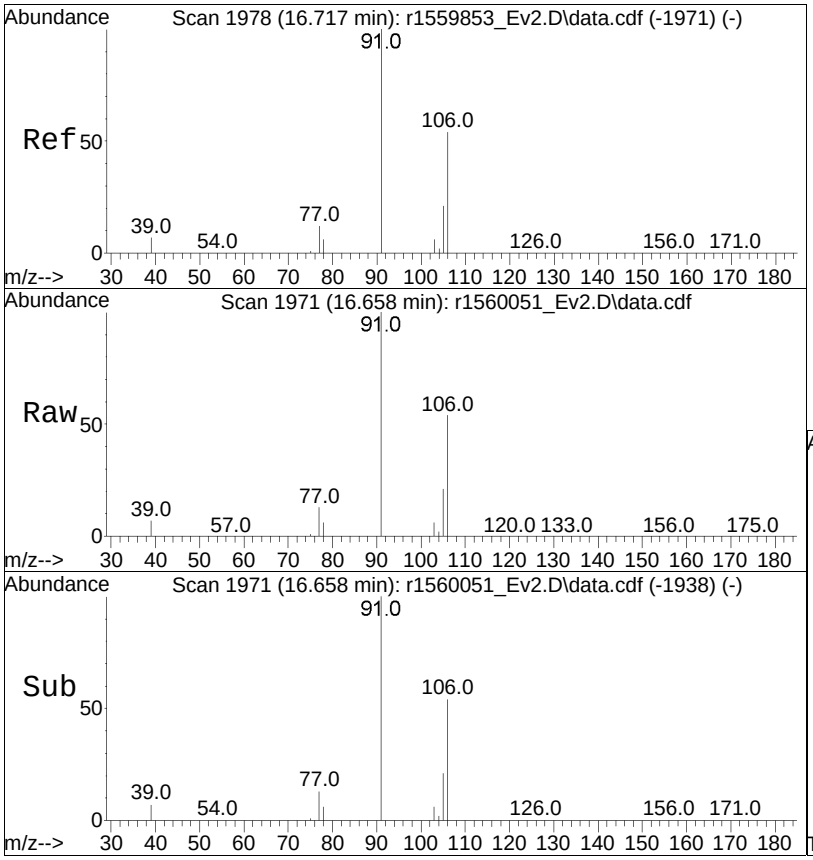


#61
ethylbenzene
Concen: 5.63 ppbV
RT: 16.500 min Scan# 1952
Delta R.T. -0.050 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 91 Resp: 694734

Ion	Ratio	Lower	Upper
91	100		
106	35.1	27.4	41.0

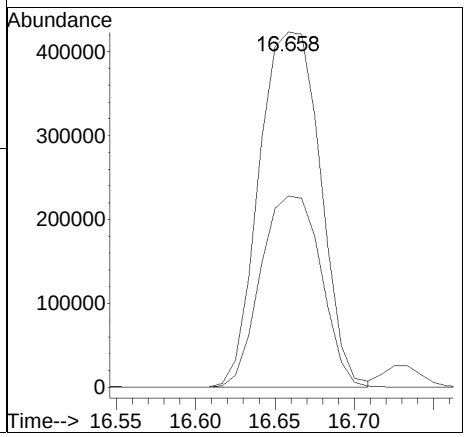


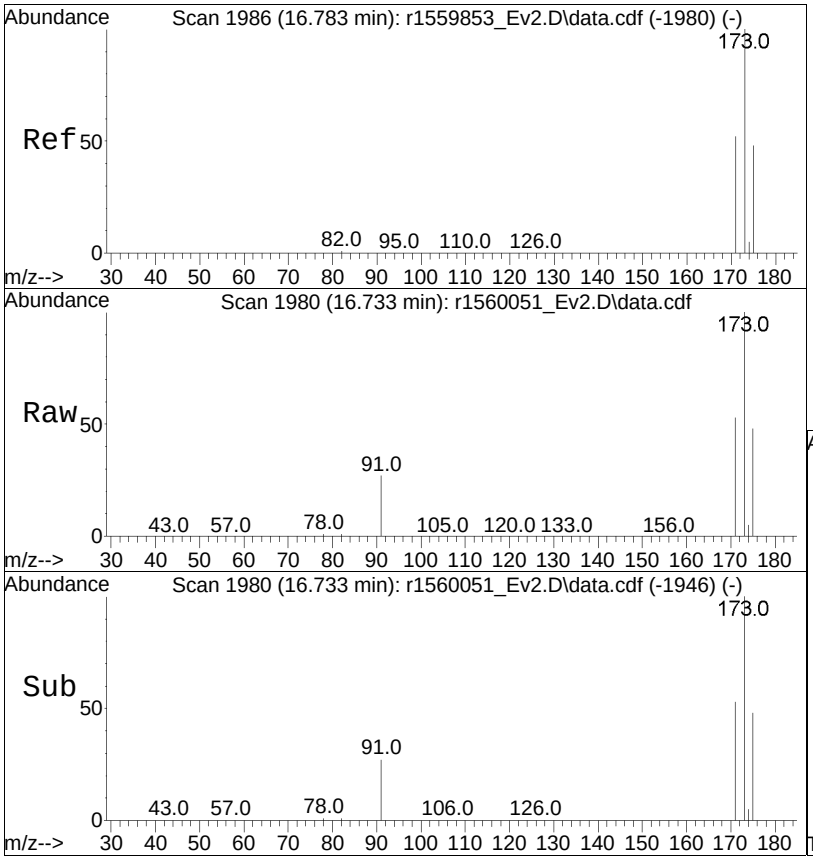


#62
m+p-xylene
Concen: 11.50 ppbV
RT: 16.658 min Scan# 1971
Delta R.T. -0.058 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 91 Resp: 1135625

Ion	Ratio	Lower	Upper
91	100		
106	53.8	43.0	64.4

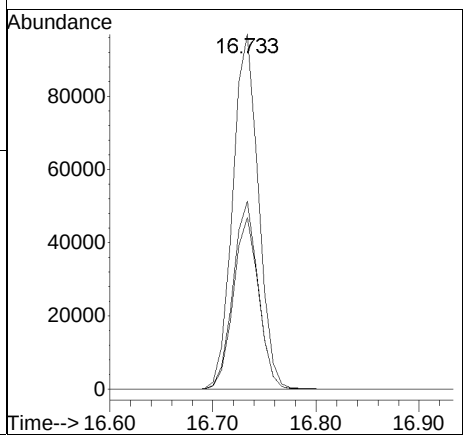


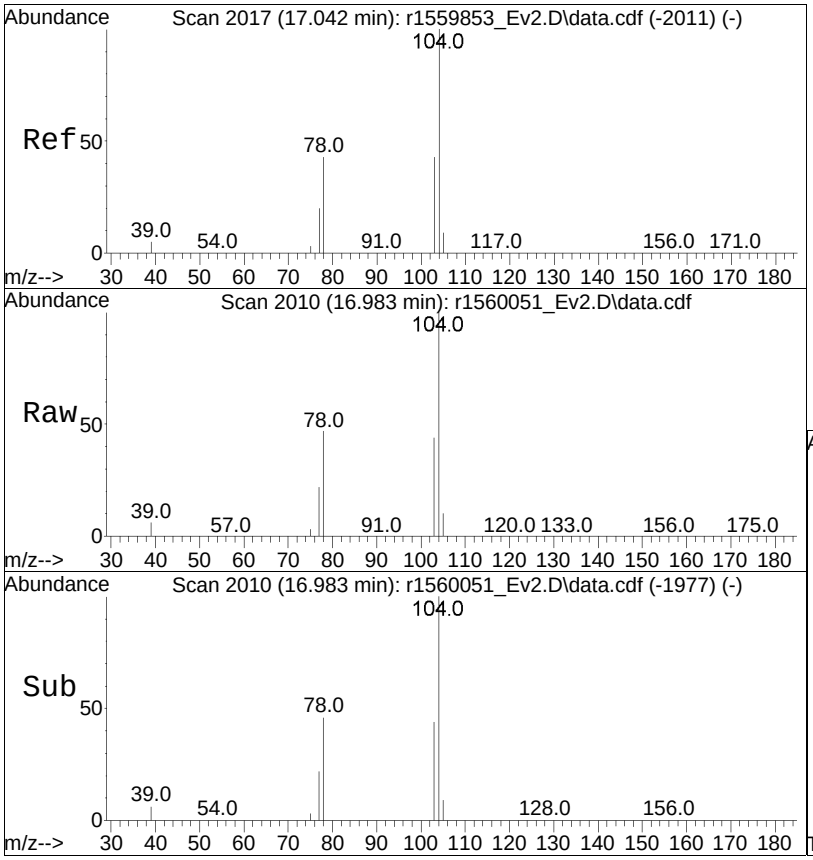


#63
bromoform
Concen: 5.93 ppbV
RT: 16.733 min Scan# 1980
Delta R.T. -0.050 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:173 Resp: 168138

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.6	58.0
171	52.9	41.8	62.8

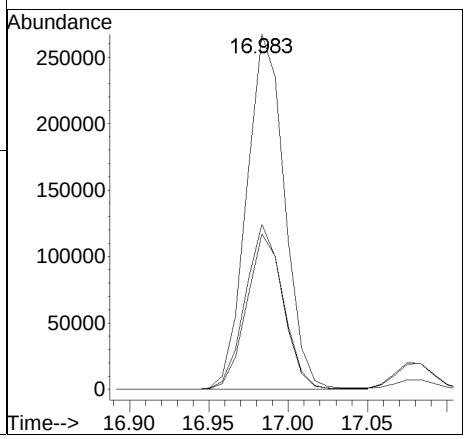


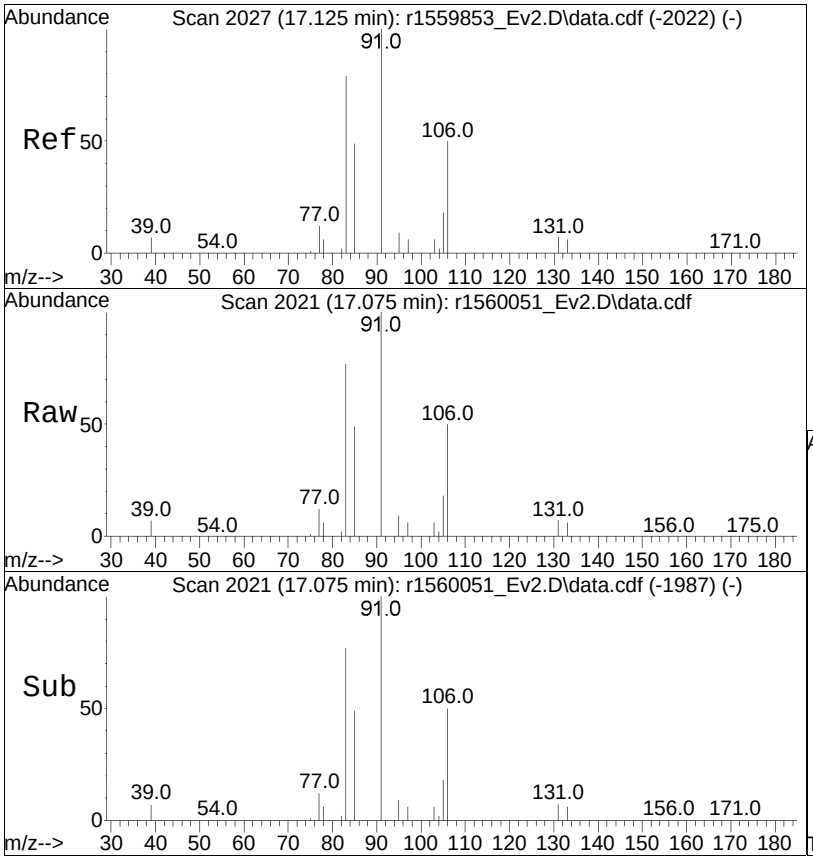


#64
styrene
Concen: 6.06 ppbV
RT: 16.983 min Scan# 2010
Delta R.T. -0.058 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:104 Resp: 444229

Ion	Ratio	Lower	Upper
104	100		
103	43.8	34.4	51.6
78	46.5	34.2	51.4

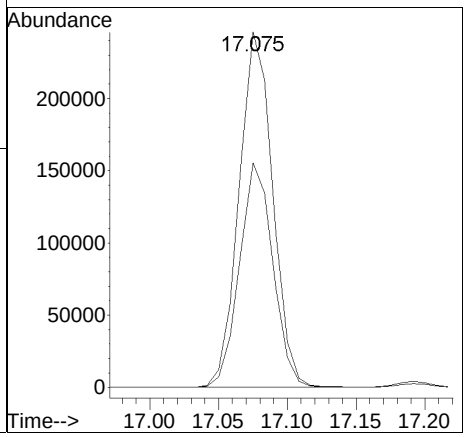


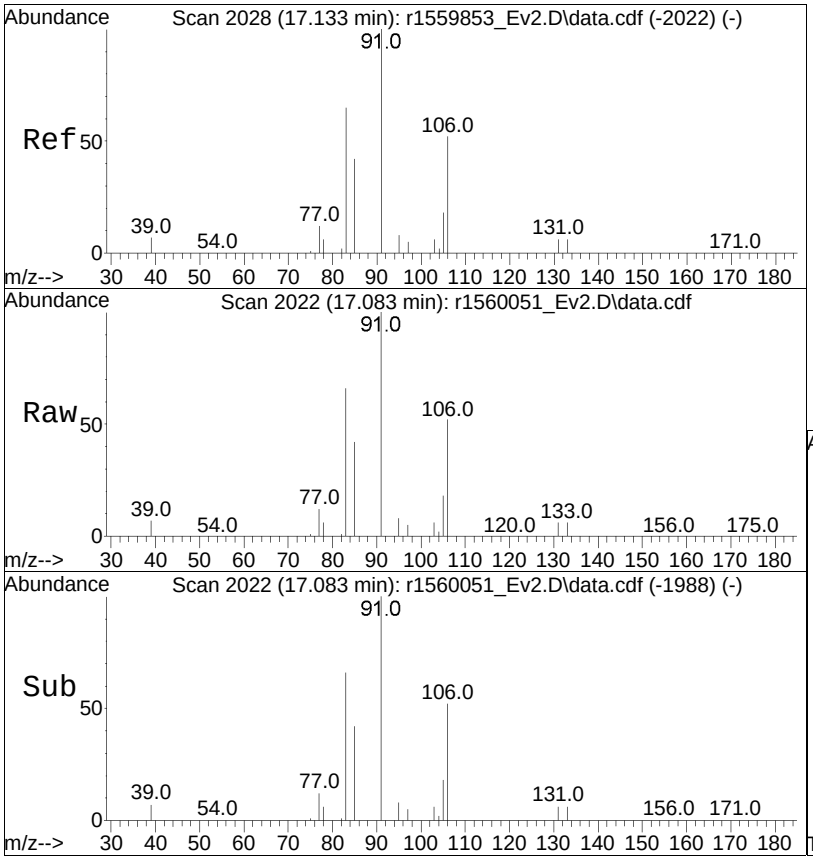


#65
1,1,2,2-tetrachloroethane
Concen: 5.69 ppbV
RT: 17.075 min Scan# 2021
Delta R.T. -0.050 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 83 Resp: 418291

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.2	75.4

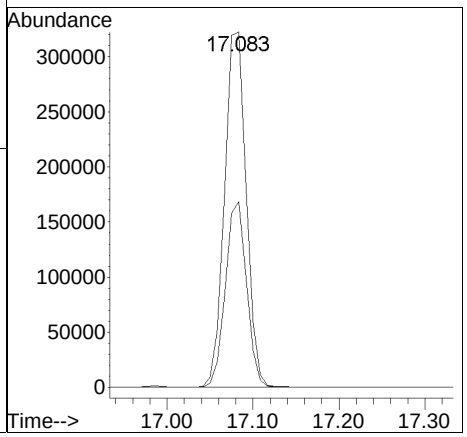


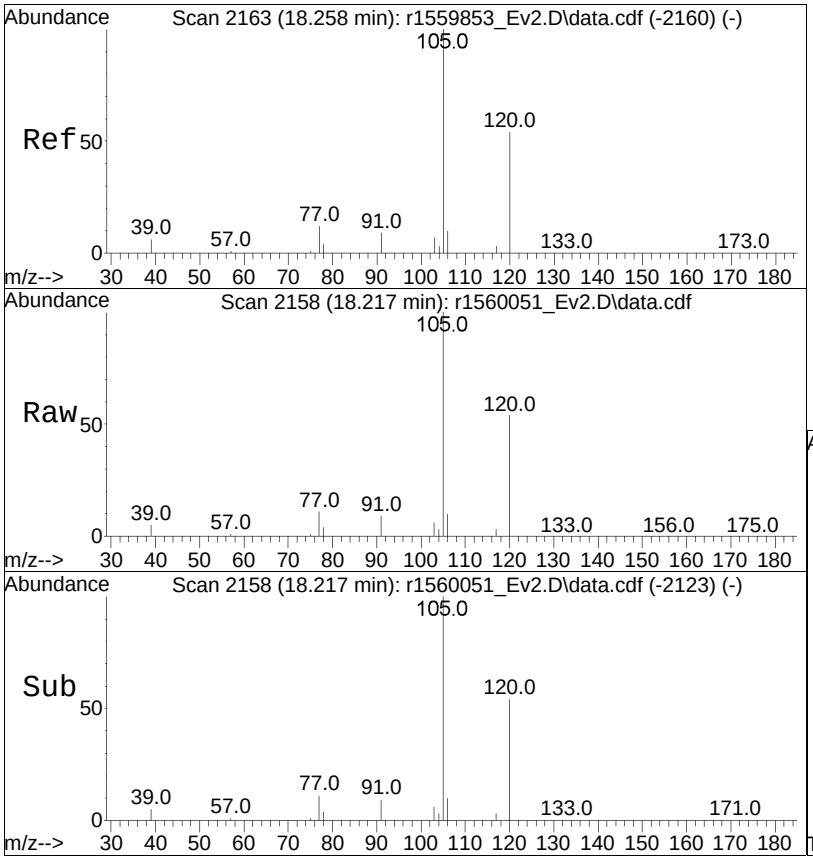


#66
o-xylene
Concen: 5.76 ppbV
RT: 17.083 min Scan# 2022
Delta R.T. -0.050 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 91 Resp: 567962

Ion	Ratio	Lower	Upper
91	100		
106	52.3	41.4	62.0

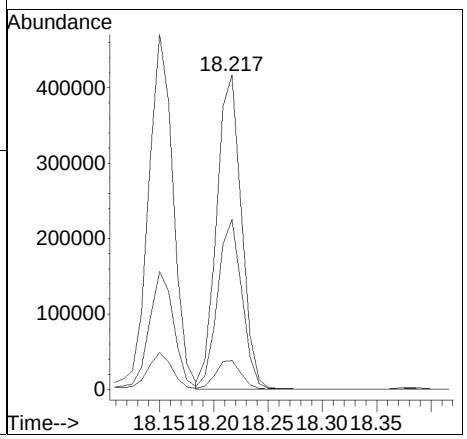


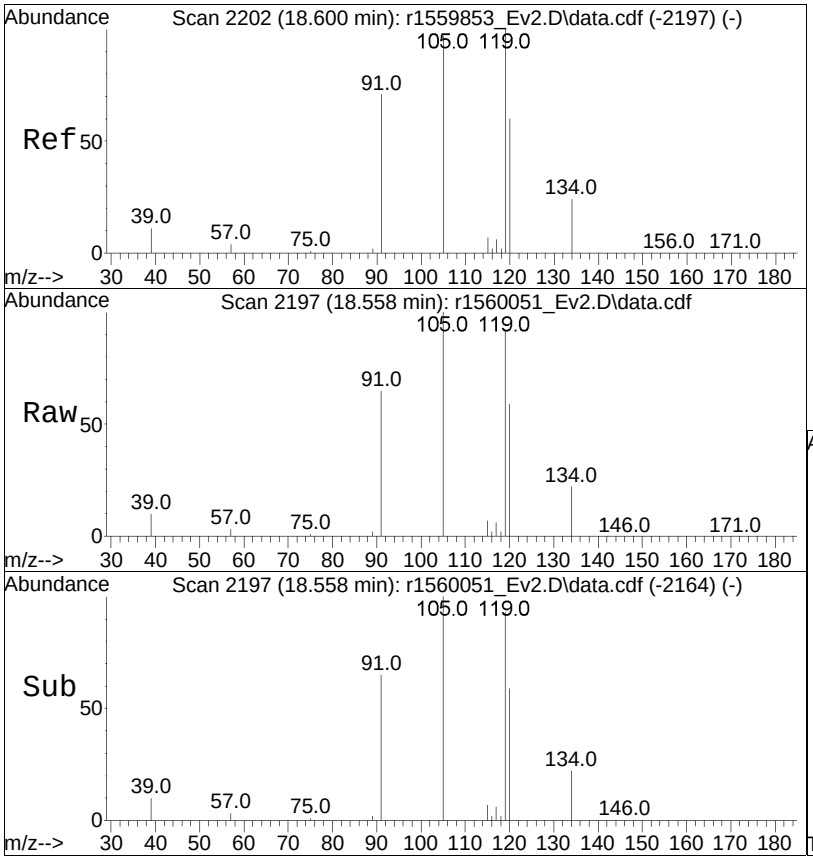


#72
1,3,5-trimethylbenzene
Concen: 6.05 ppbV
RT: 18.217 min Scan# 2158
Delta R.T. -0.042 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:105 Resp: 663730

Ion	Ratio	Lower	Upper
105	100		
120	54.1	42.7	64.1
91	9.2	7.7	11.5

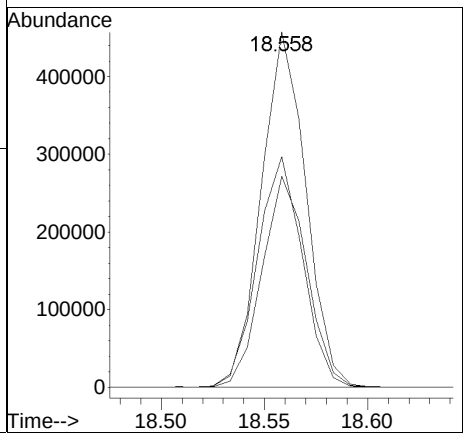


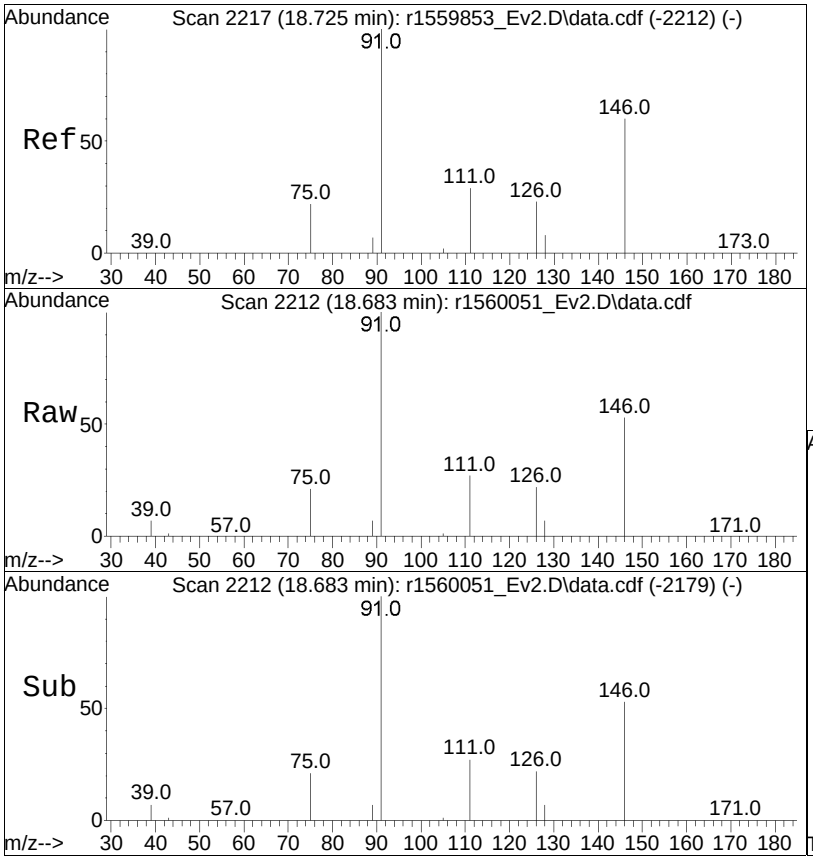


#74
1,2,4-trimethylbenzene
Concen: 6.33 ppbV
RT: 18.558 min Scan# 2197
Delta R.T. -0.042 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:105 Resp: 685581

Ion	Ratio	Lower	Upper
105	100		
120	59.4	49.3	73.9
91	64.9	58.3	87.5

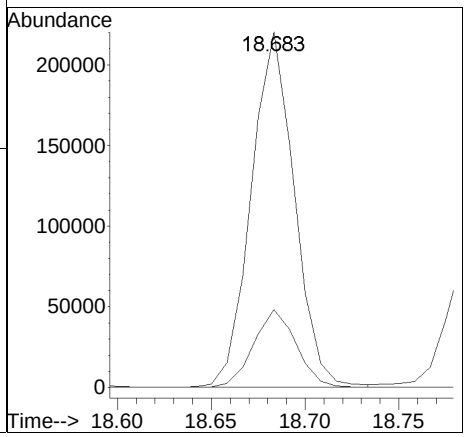


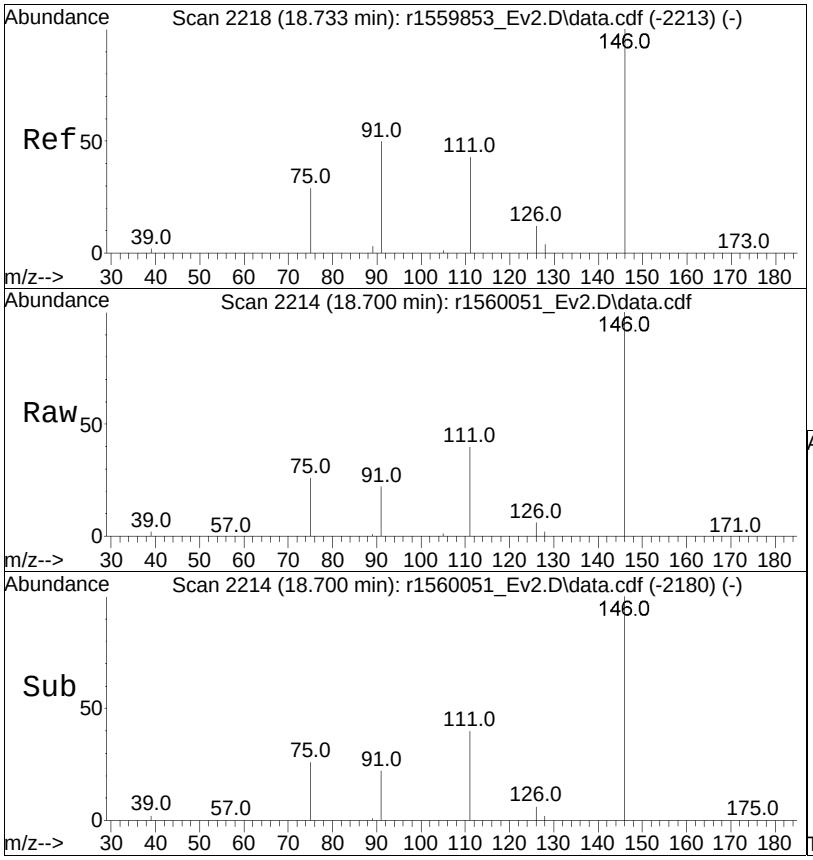


#75
Benzyl Chloride
Concen: 5.11 ppbV
RT: 18.683 min Scan# 2212
Delta R.T. -0.042 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion: 91 Resp: 351598

Ion	Ratio	Lower	Upper
91	100		
126	21.9	18.3	27.5

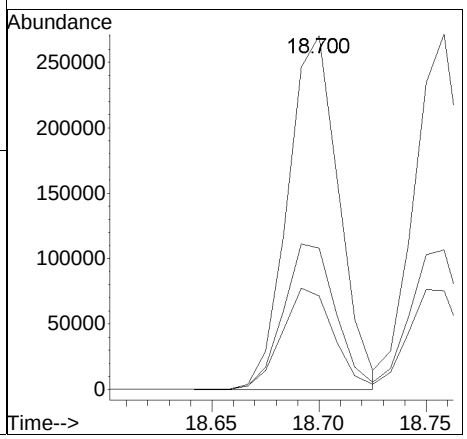


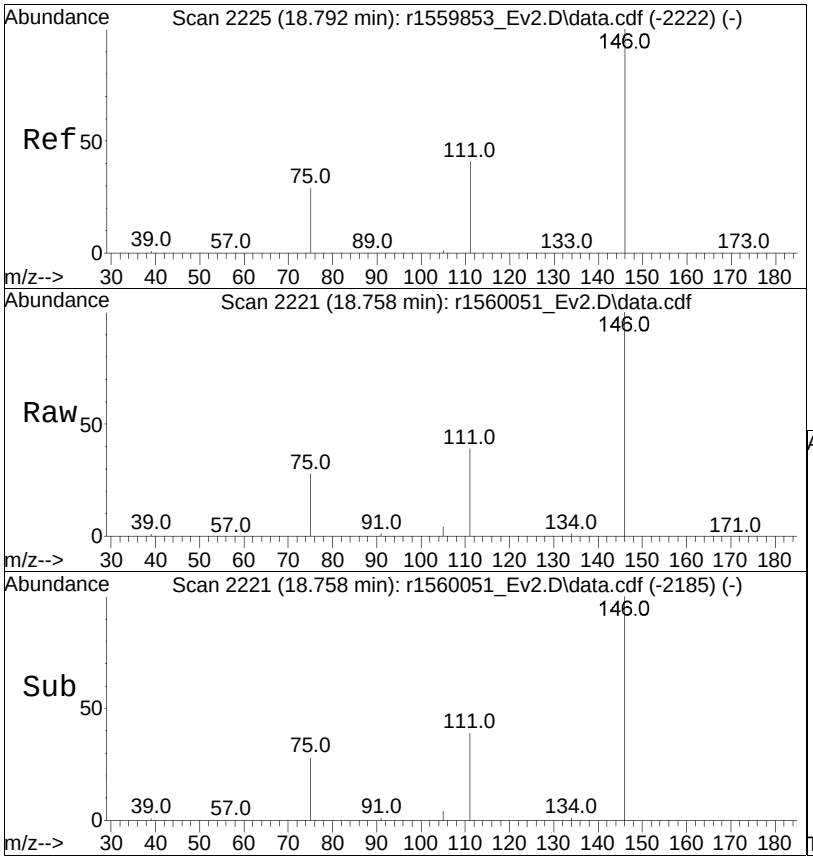


#76
1,3-dichlorobenzene
Concen: 5.97 ppbV m
RT: 18.700 min Scan# 2214
Delta R.T. -0.033 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:146 Resp: 448185

Ion	Ratio	Lower	Upper
146	100		
111	40.0	34.5	51.7
75	26.4	23.5	35.3

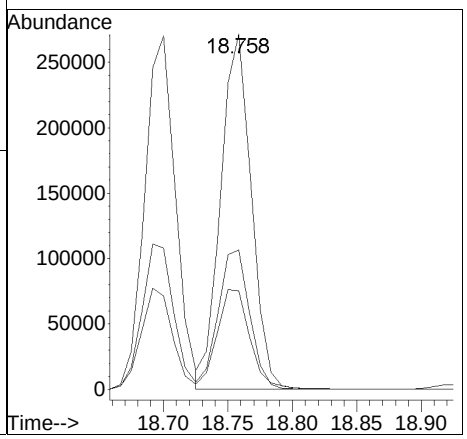


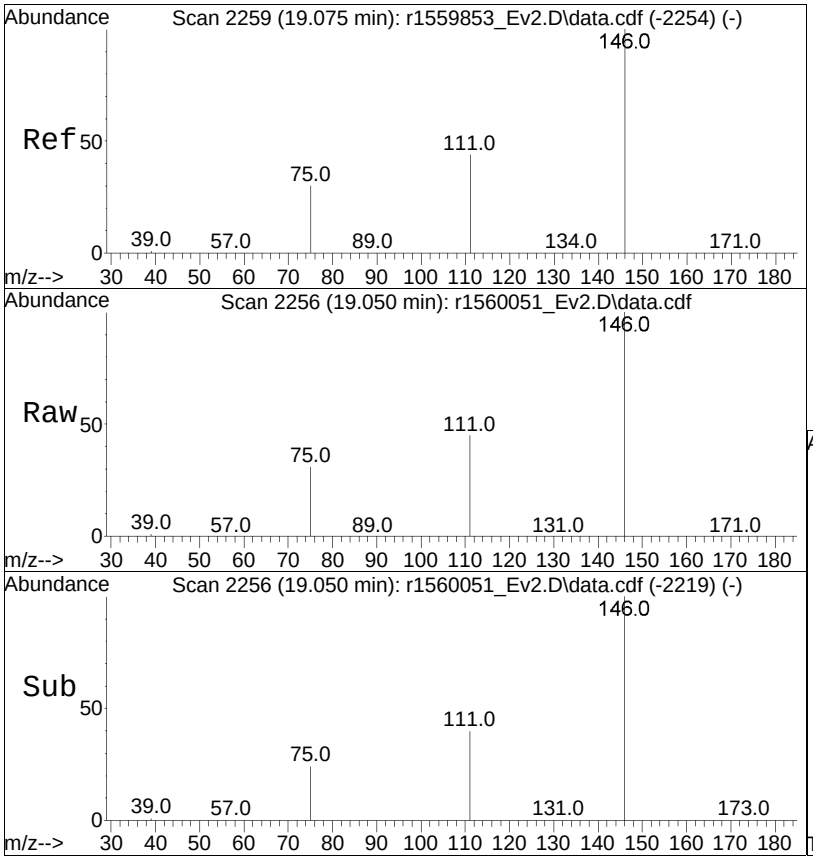


#77
1,4-dichlorobenzene
Concen: 5.93 ppbV
RT: 18.758 min Scan# 2221
Delta R.T. -0.033 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:146 Resp: 447591

Ion	Ratio	Lower	Upper
146	100		
111	39.3	33.0	49.4
75	27.8	23.5	35.3

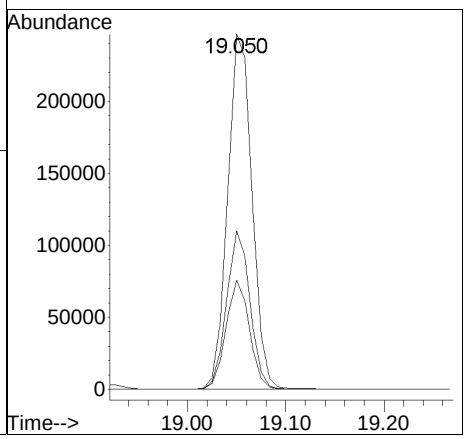


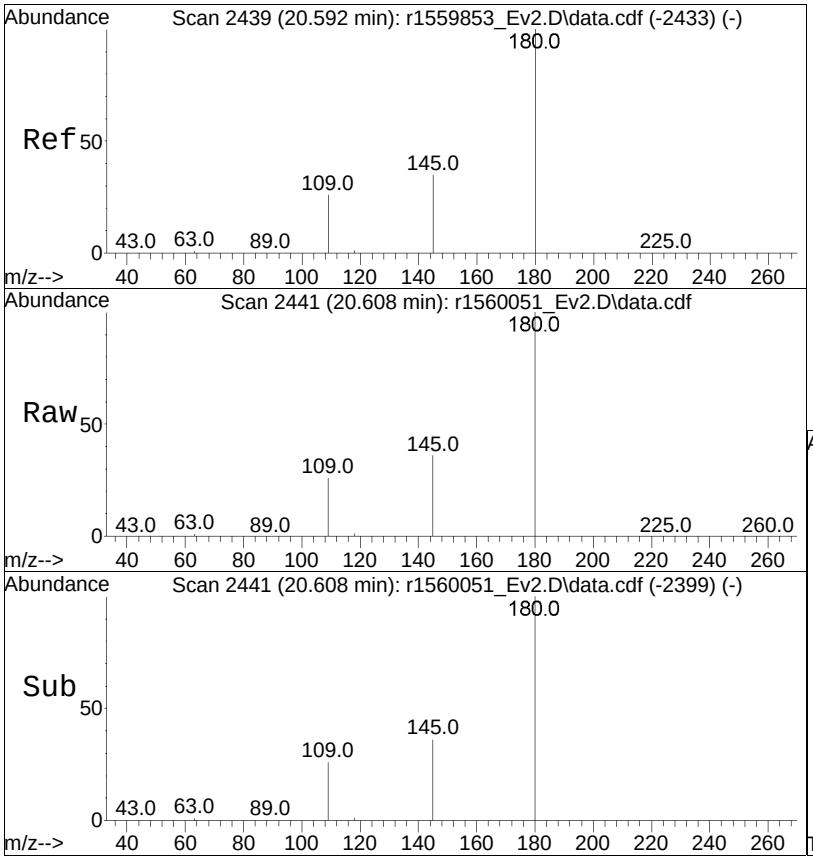


#81
1,2-dichlorobenzene
Concen: 5.76 ppbV
RT: 19.050 min Scan# 2256
Delta R.T. -0.025 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:146 Resp: 424513

Ion	Ratio	Lower	Upper
146	100		
111	44.6	35.0	52.6
75	30.7	23.8	35.8

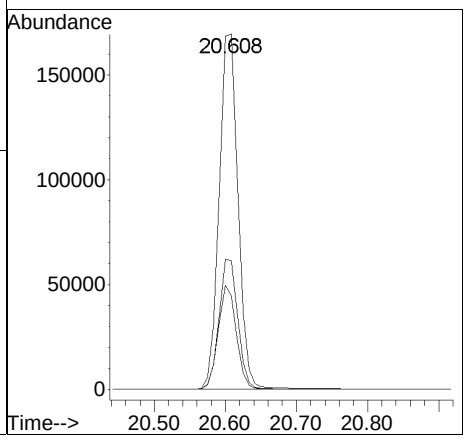


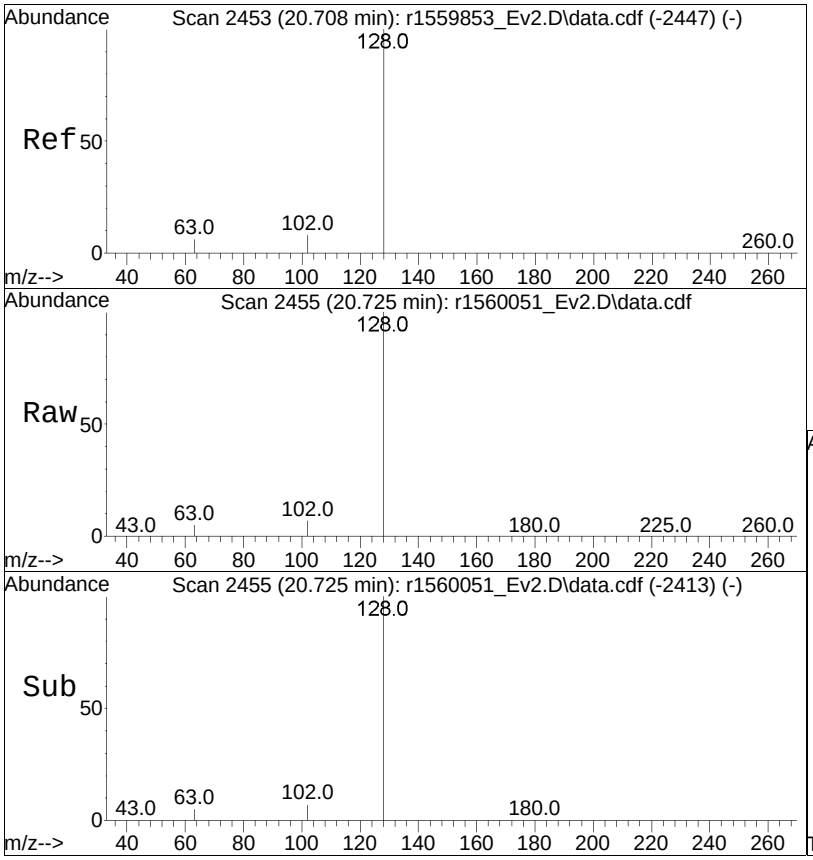


#84
1,2,4-trichlorobenzene
Concen: 6.83 ppbV
RT: 20.608 min Scan# 2441
Delta R.T. 0.017 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:180 Resp: 314692

Ion	Ratio	Lower	Upper
180	100		
145	36.3	28.2	42.2
109	26.3	21.0	31.4

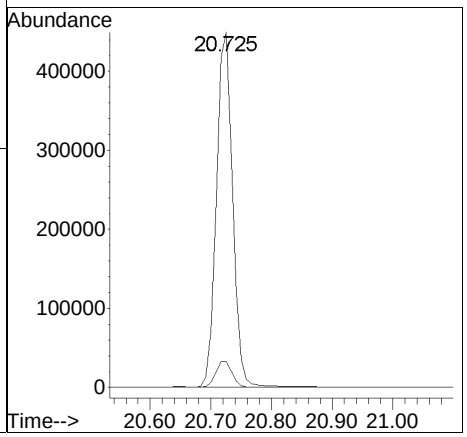


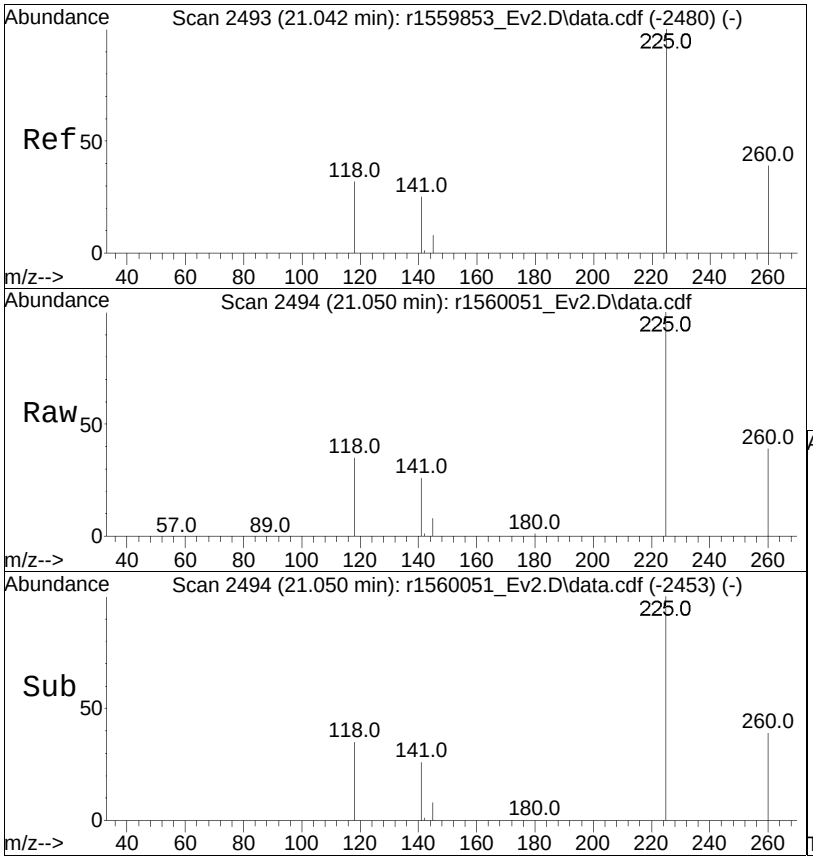


#85
naphthalene
Concen: 5.94 ppbV
RT: 20.725 min Scan# 2455
Delta R.T. 0.017 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:128 Resp: 836971

Ion	Ratio	Lower	Upper
128	100		
102	7.4	6.0	9.0

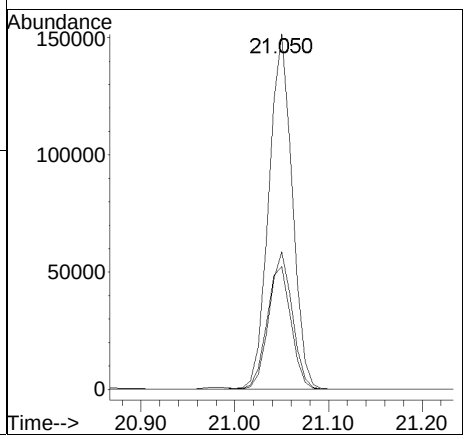




#87
hexachlorobutadiene
Concen: 6.15 ppbV
RT: 21.050 min Scan# 2494
Delta R.T. 0.008 min
Lab File: r1560051_Ev2.D
Acq: 29 Mar 2026 11:10 AM

Tgt Ion:225 Resp: 263454

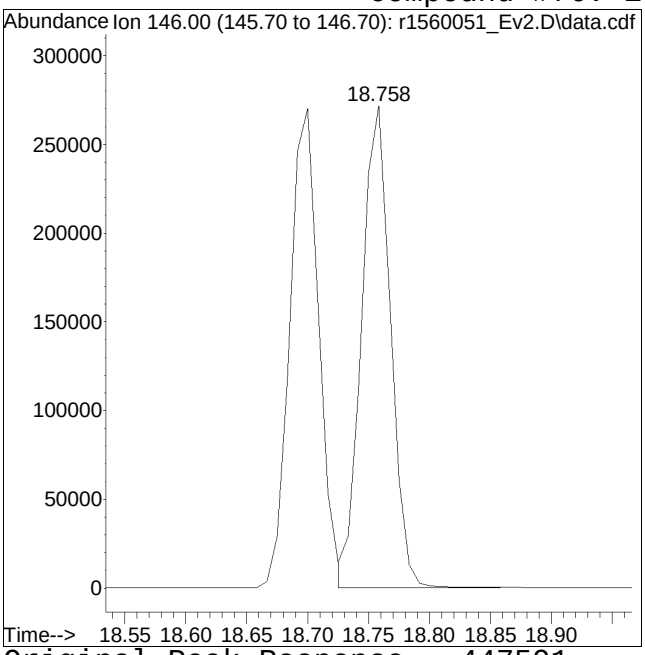
Ion	Ratio	Lower	Upper
225	100		
260	38.7	31.0	46.4
118	34.6	25.5	38.3

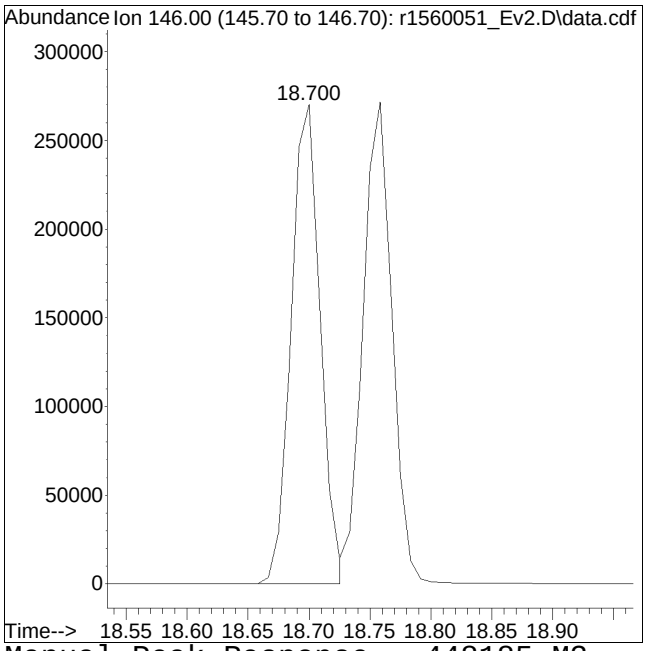


Manual Integration Report

Data Path : X:\Airlab\Data\Airlab15\20QMethod : TSIM15_260320.M
Data File : r1560051_Ev2.D Operator : AIRLAB15:TPH
Date Inj'd : 3/29/2026 11:10 AM Instrument :
Sample : WG2191136-3,3,250,250 Quant Date : 3/29/2026 12:08 pm

Compound #76: 1,3-dichlorobenzene





Original Peak Response = 447591 Manual Peak Response = 448185 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\Airlab17\2026\03\0327SIM\
Data File : r1755143_Ev2.D
Acq On : 28 Mar 2026 7:03 AM
Operator : AIRLAB17:SL
Sample : WG2190695-5,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:14 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.767	49	244915	10.000	ppbV	0.00
Standard Area = 255556			Recovery =		95.84%	
34) 1,4-difluorobenzene	10.977	114	846418	10.000	ppbV	0.00
Standard Area = 912824			Recovery =		92.73%	
52) chlorobenzene-D5	15.750	54	106226	10.000	ppbV	0.00
Standard Area = 110427			Recovery =		96.20%	
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	3.844	85	26955	0.723	ppbV	99
5) chloromethane	3.994	50	9418	0.535	ppbV	98
6) Freon-114	4.096	85	810	0.018	ppbV	98
7) vinyl chloride	0.000		0	N.D.		
9) bromomethane	4.612		0	N.D.		
10) chloroethane	0.000		0	N.D.		
11) ethanol	4.912	31	738716	41.904	ppbV #	86
15) trichlorofluoromethane	5.597	101	8471	0.222	ppbV	93
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	0.000		0	N.D.	d	
20) methylene chloride	6.408	49	2928	0.142	ppbV	88
23) Freon 113	6.708	101	3083	0.074	ppbV	93
24) trans-1,2-dichloroethene	0.000		0	N.D.		
25) 1,1-dichloroethane	7.650		0	N.D.		
26) MTBE	7.725		0	N.D.		
28) 2-butanone	8.108	43	8166	0.226	ppbV	97
29) cis-1,2-dichloroethene	8.583	61	451	0.014	ppbV	85
31) chloroform	8.917	83	978	0.027	ppbV #	95
33) 1,2-dichloroethane	9.750	62	909	0.037	ppbV	99
35) hexane	8.842	57	4829	0.124	ppbV #	23
37) 1,1,1-trichloroethane	10.042		0	N.D.		
38) benzene	10.557	78	5638	0.076	ppbV	99
39) carbon tetrachloride	10.723	117	2151	0.066	ppbV	97
40) cyclohexane	0.000		0	N.D.	d	
42) 1,2-dichloropropane	11.497	63	1037	0.034	ppbV #	87
43) bromodichloromethane	11.723		0	N.D.		
44) 1,4-dioxane	11.817		0	N.D.		
45) trichloroethene	11.770	130	921	0.024	ppbV	83

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755143_Ev2.D
Acq On : 28 Mar 2026 7:03 AM
Operator : AIRLAB17:SL
Sample : WG2190695-5,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:14 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2026\03\0327SIM\r1755128_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

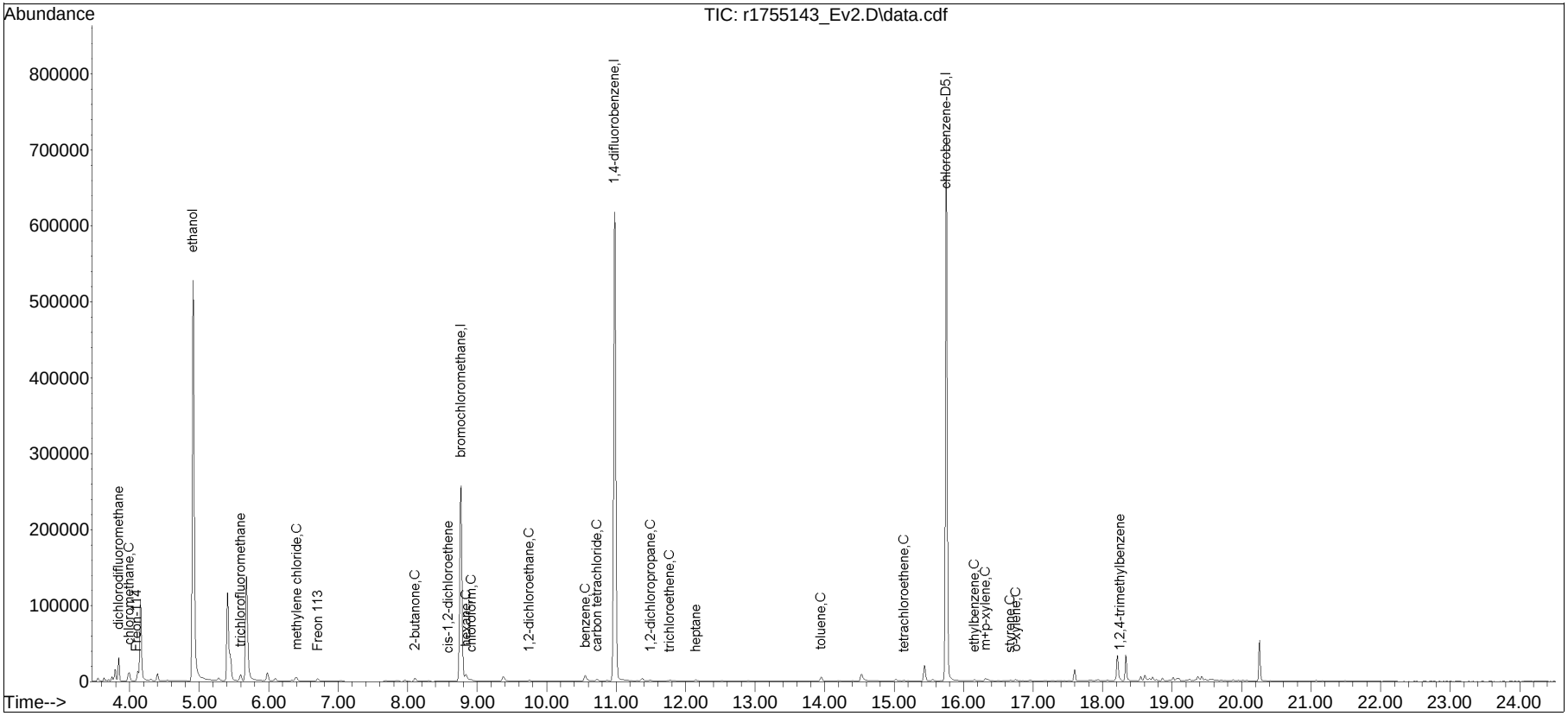
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
47) heptane	12.150	43	1220	0.030	ppbV	98
48) cis-1,3-dichloropropene	0.000		0	N.D.		
49) 4-methyl-2-pentanone	12.900		0	N.D.		
50) trans-1,3-dichloropropene	0.000		0	N.D.		
51) 1,1,2-trichloroethane	0.000		0	N.D.		
53) toluene	13.950	91	6678	0.080	ppbV	94
56) dibromochloromethane	0.000		0	N.D.		
57) 1,2-dibromoethane	0.000		0	N.D.		
58) tetrachloroethene	15.142	166	807	0.025	ppbV	95
60) chlorobenzene	15.792		0	N.D.		
61) ethylbenzene	16.158	91	1761	0.017	ppbV	90
62) m+p-xylene	16.317	91	4350	0.053	ppbV	96
63) bromoform	16.467		0	N.D.		
64) styrene	16.667	104	753	0.013	ppbV #	89
65) 1,1,2,2-tetrachloroethane	16.792		0	N.D.		
66) o-xylene	16.750	91	1551	0.019	ppbV	89
72) 1,3,5-trimethylbenzene	17.900		0	N.D.		
74) 1,2,4-trimethylbenzene	18.250	105	1908	0.023	ppbV #	53
75) Benzyl Chloride	18.442		0	N.D.		
76) 1,3-dichlorobenzene	18.325		0	N.D.		
77) 1,4-dichlorobenzene	18.450		0	N.D.		
81) 1,2-dichlorobenzene	18.725		0	N.D.		
84) 1,2,4-trichlorobenzene	20.108		0	N.D.		
85) naphthalene	20.258		0	N.D.		
87) hexachlorobutadiene	0.000		0	N.D.		

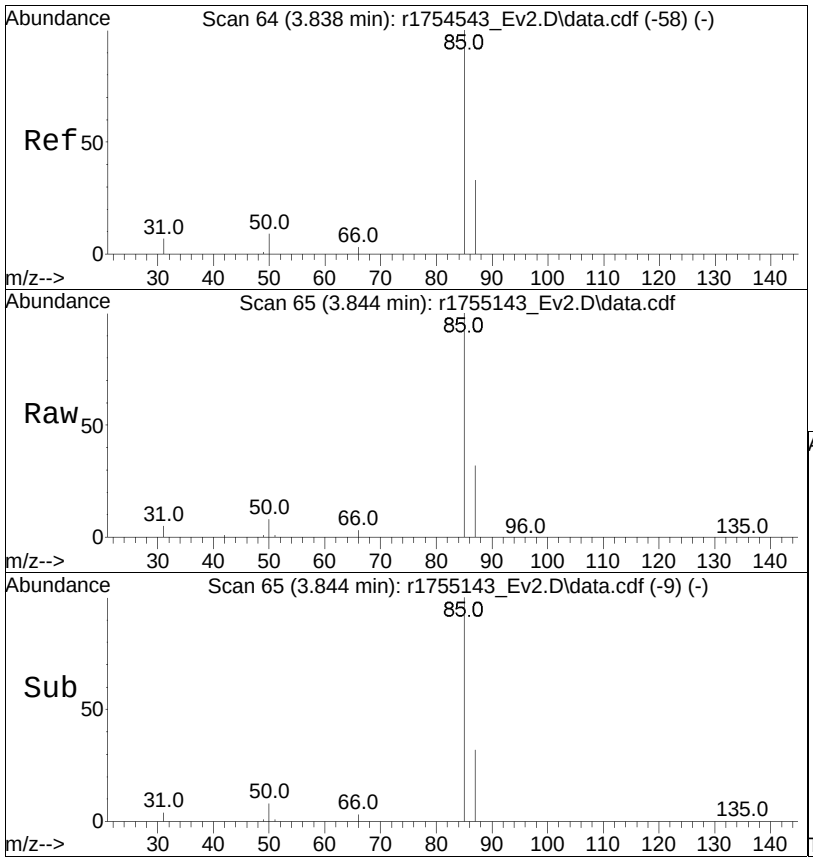
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab17\2026\03\0327SIM\r1755128_Ev2.D

Data Path : X:\Airlab\Data\Airlab17\2026\03\0327SIM\
Data File : r1755143_Ev2.D
Acq On : 28 Mar 2026 7:03 AM
Operator : AIRLAB17:SL
Sample : WG2190695-5,3,250,250
Misc : WG2190695,ICAL23125
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 12:38:14 2026
Quant Method : X:\Airlab\Data\Airlab17\2026\03\0327SIM\TSIM17_260305.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Mar 05 19:54:50 2026
Response via : Initial Calibration

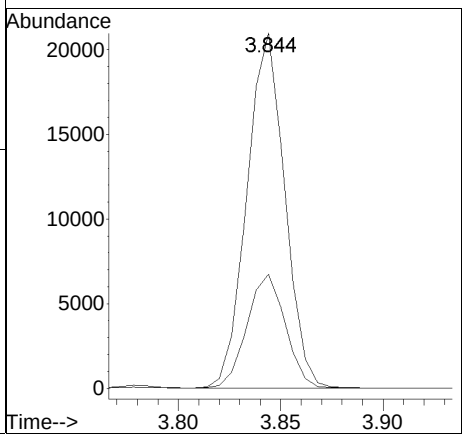


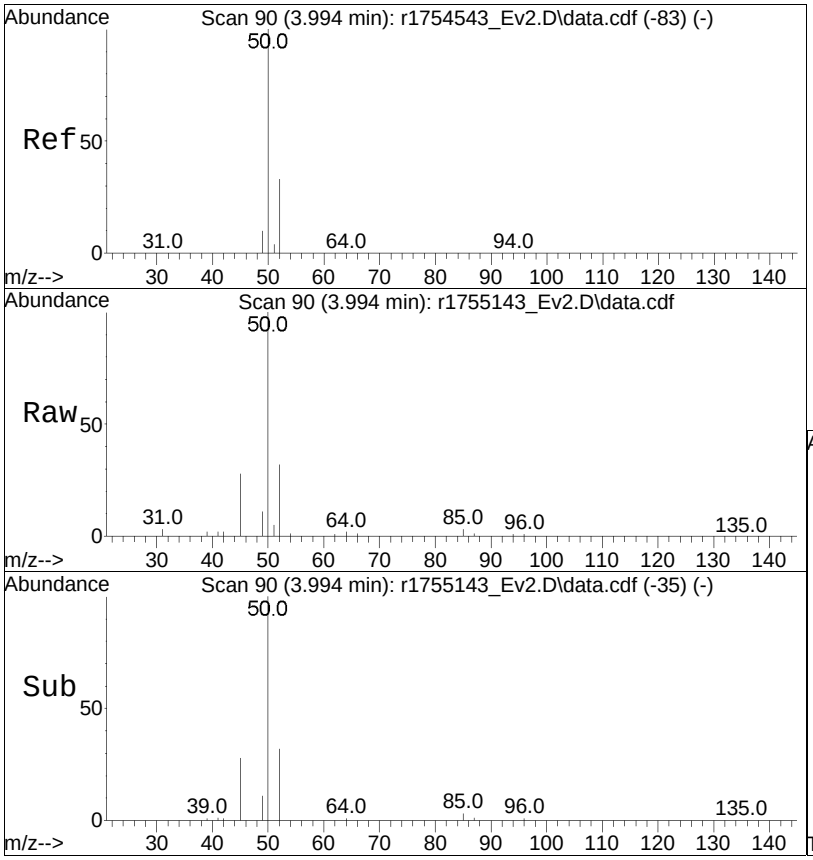


#4
dichlorodifluoromethane
Concen: 0.72 ppbV
RT: 3.844 min Scan# 65
Delta R.T. 0.006 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 85 Resp: 26955

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.2	39.4

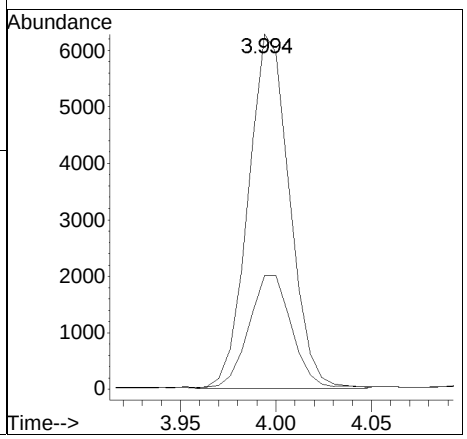


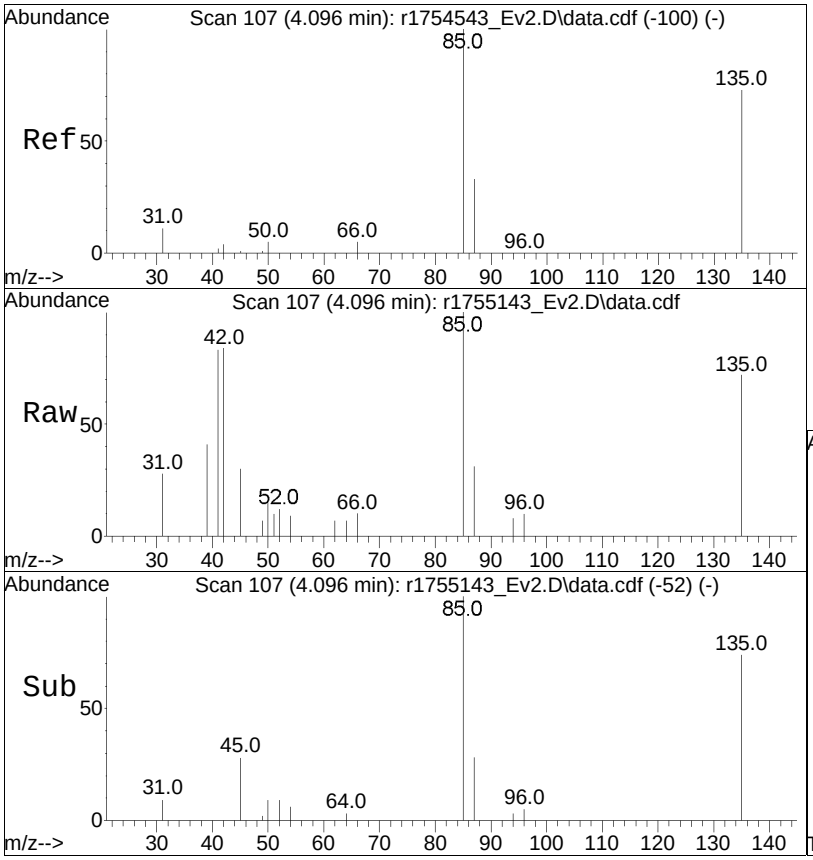


#5
chloromethane
Concen: 0.53 ppbV
RT: 3.994 min Scan# 90
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 50 Resp: 9418

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.6	39.8

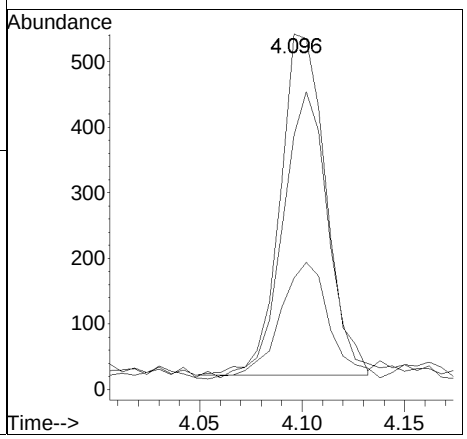


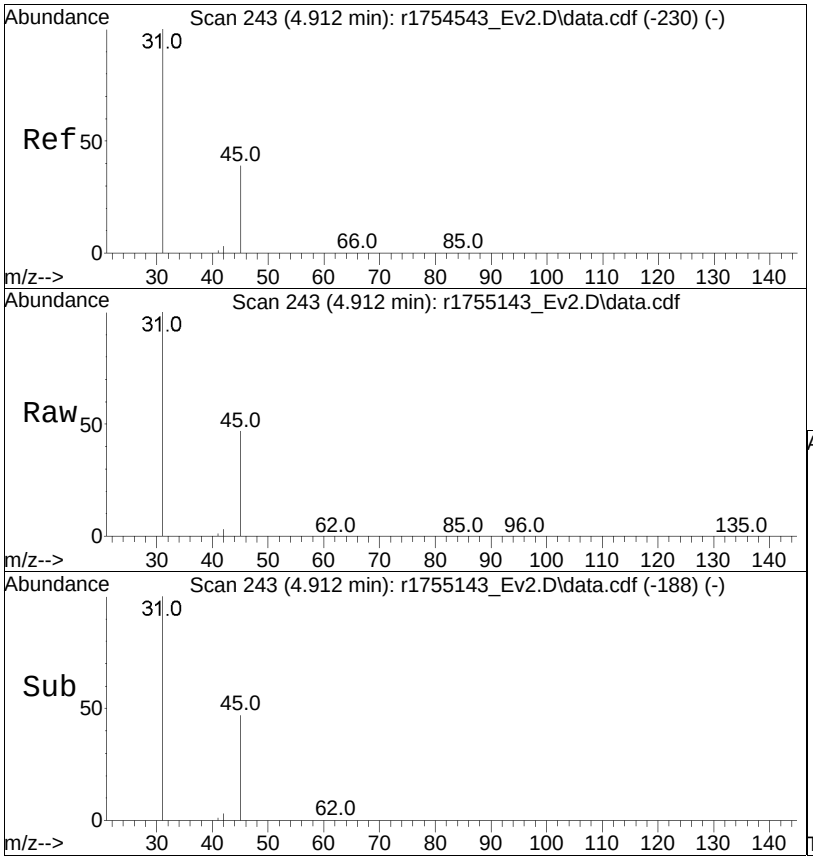


#6
Freon-114
Concen: 0.02 ppbV
RT: 4.096 min Scan# 107
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 85 Resp: 810

Ion	Ratio	Lower	Upper
85	100		
87	31.4	26.2	39.4
135	71.6	58.1	87.1

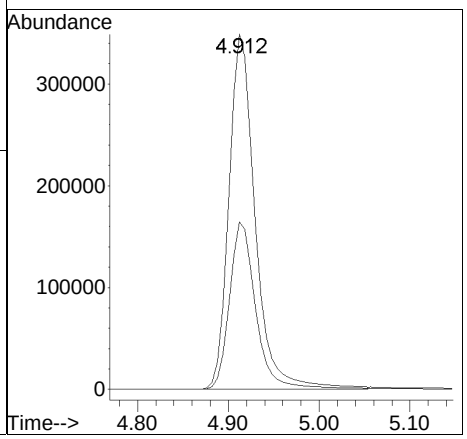


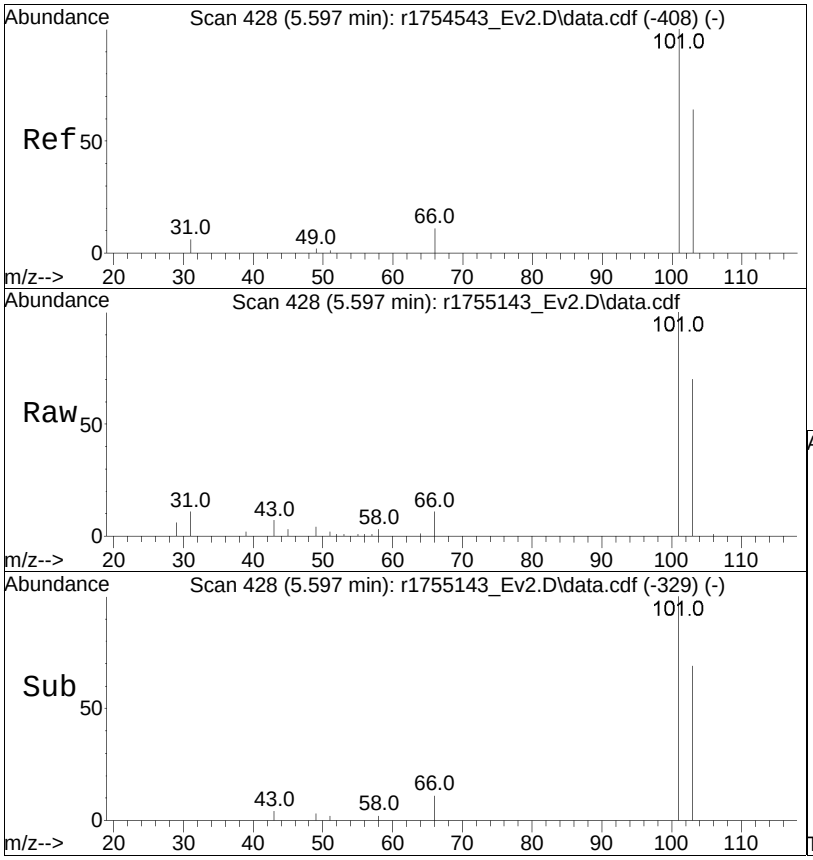


#11
ethanol
Concen: 41.90 ppbV
RT: 4.912 min Scan# 243
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 31 Resp: 738716

Ion	Ratio	Lower	Upper
31	100		
45	47.2	31.0	46.4#

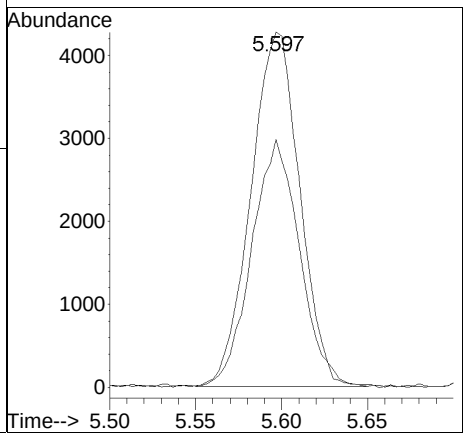


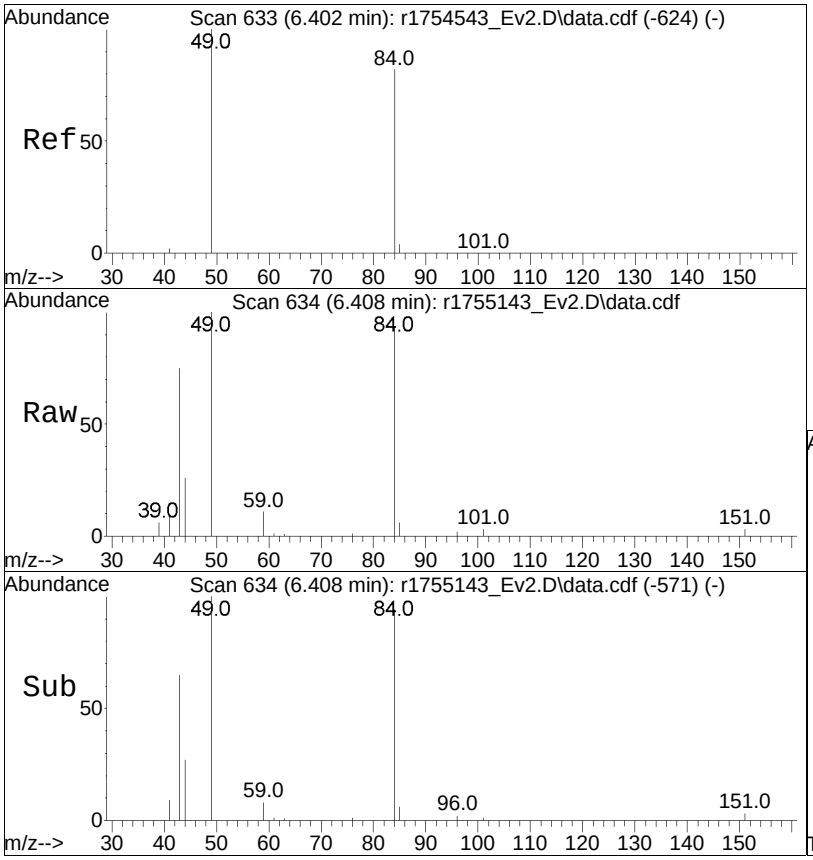


#15
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 5.597 min Scan# 428
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:101 Resp: 8471

Ion	Ratio	Lower	Upper
101	100		
103	69.8	51.4	77.0

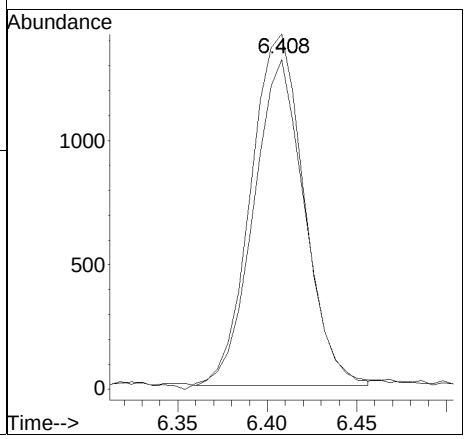


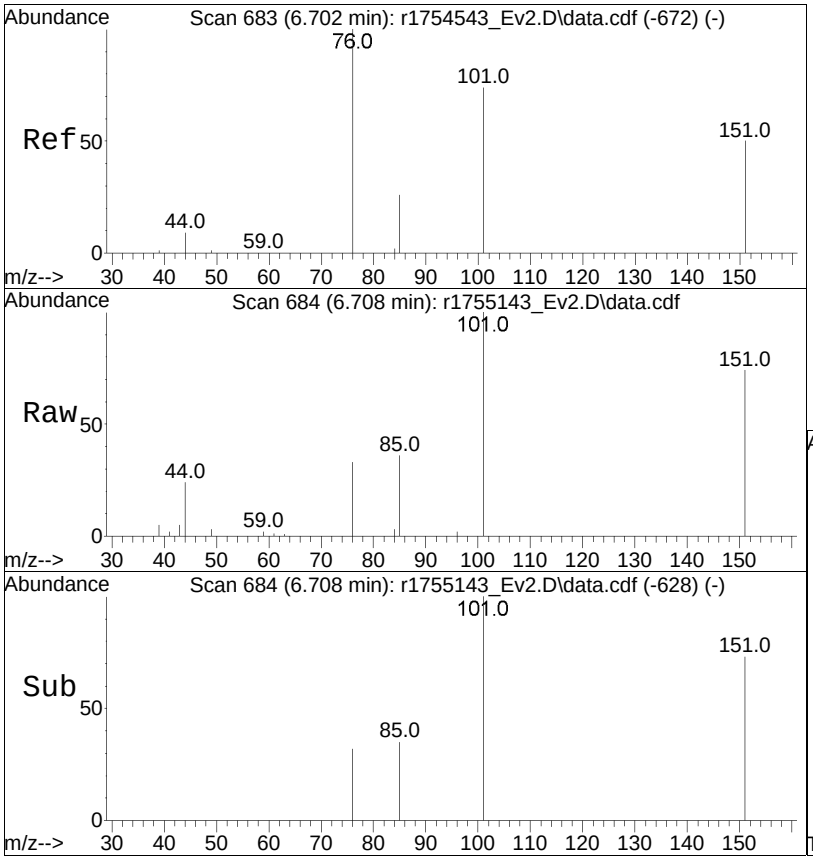


#20
methylene chloride
Concen: 0.14 ppbV
RT: 6.408 min Scan# 634
Delta R.T. 0.006 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 49 Resp: 2928

Ion	Ratio	Lower	Upper
49	100		
84	92.8	65.9	98.9

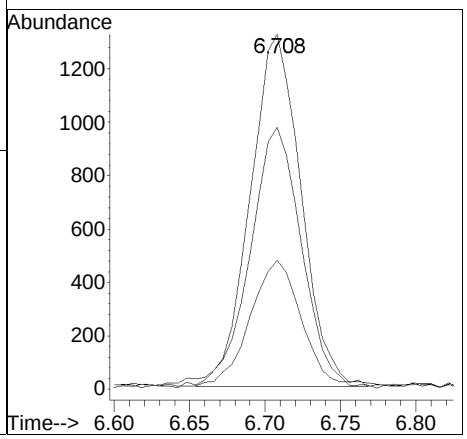


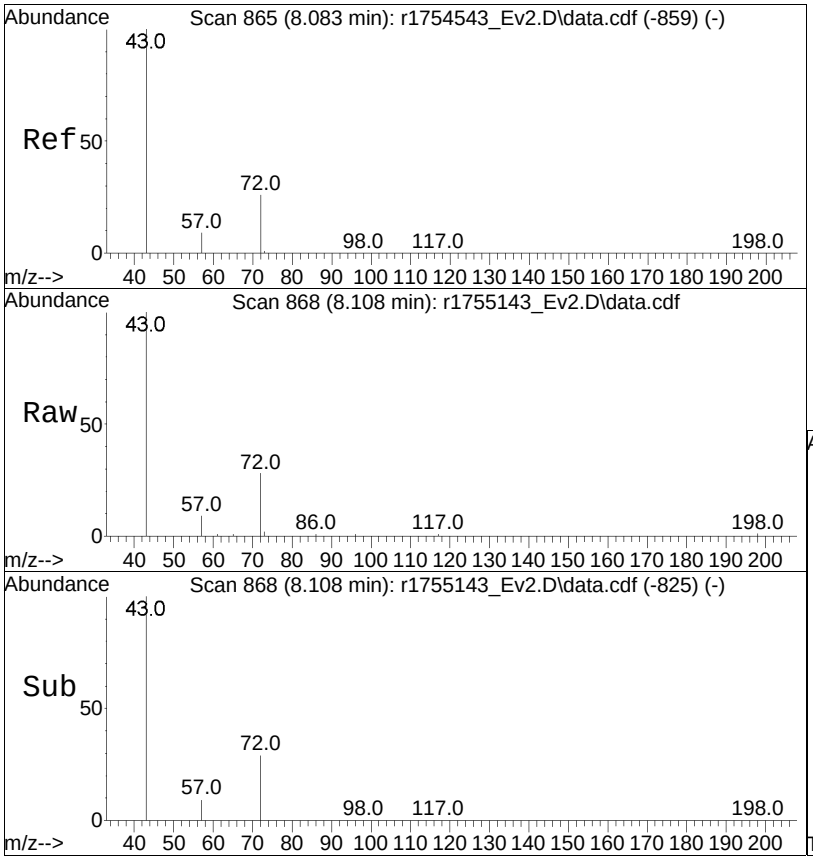


#23
Freon 113
Concen: 0.07 ppbV
RT: 6.708 min Scan# 684
Delta R.T. 0.006 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:101 Resp: 3083

Ion	Ratio	Lower	Upper
101	100		
85	36.3	27.5	41.3
151	73.8	53.4	80.0

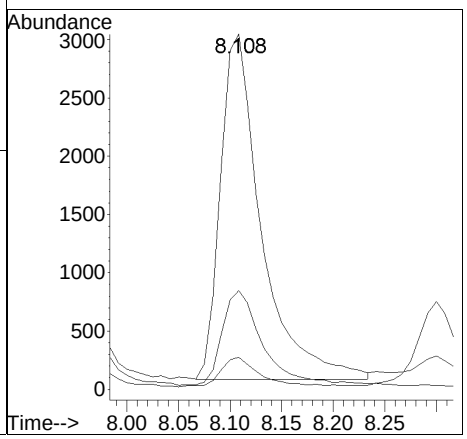


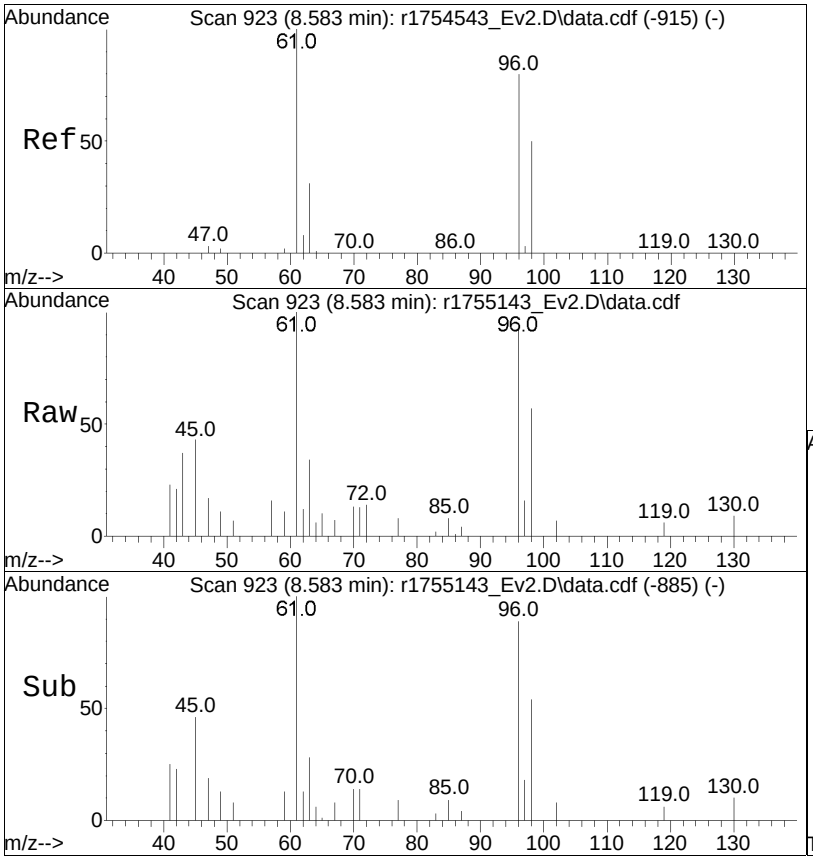


#28
2-butanone
Concen: 0.23 ppbV
RT: 8.108 min Scan# 868
Delta R.T. 0.025 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 43 Resp: 8166

Ion	Ratio	Lower	Upper
43	100		
72	27.8	20.7	31.1
57	9.1	6.9	10.3

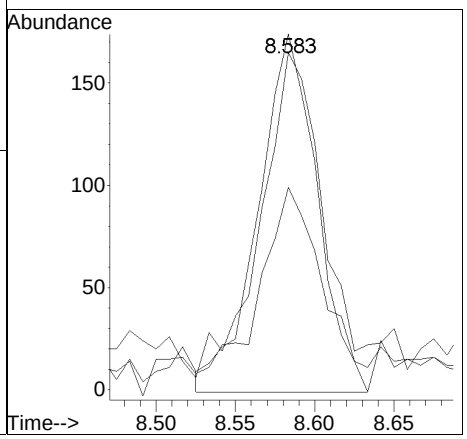


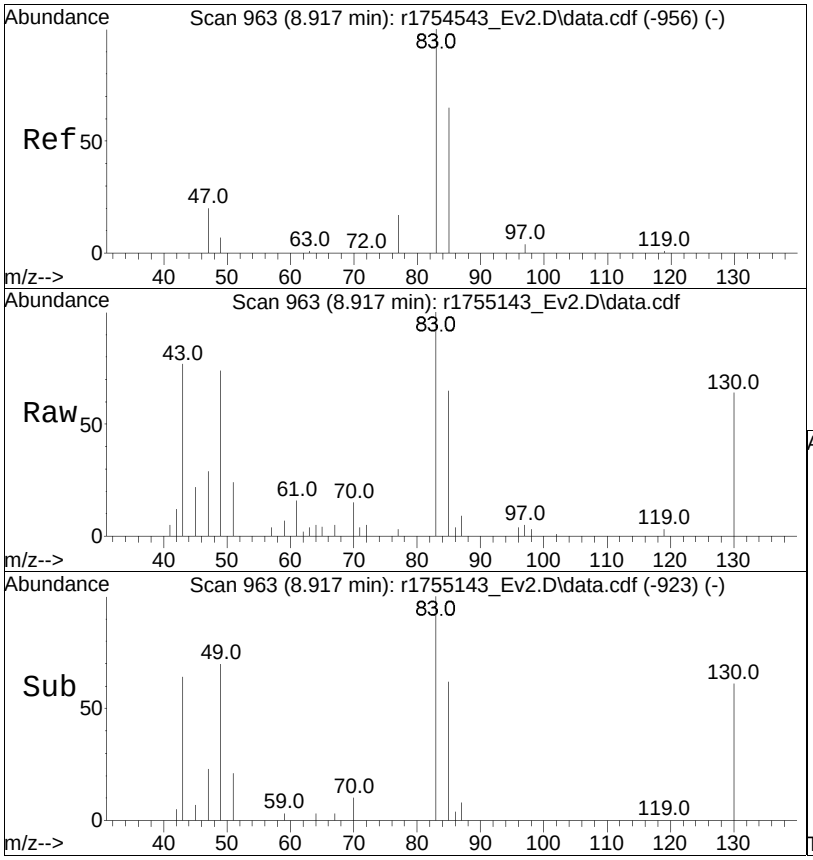


#29
cis-1,2-dichloroethene
Concen: 0.01 ppbV
RT: 8.583 min Scan# 923
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 61 Resp: 451

Ion	Ratio	Lower	Upper
61	100		
96	94.8	63.8	95.8
98	56.9	39.7	59.5

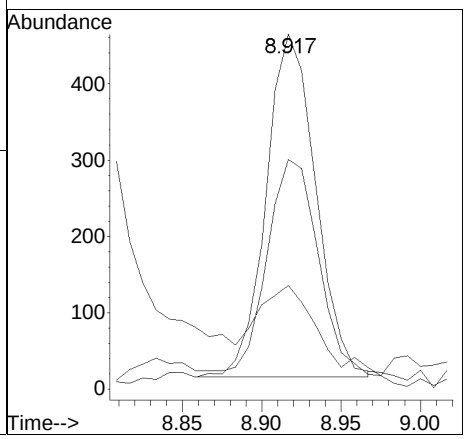


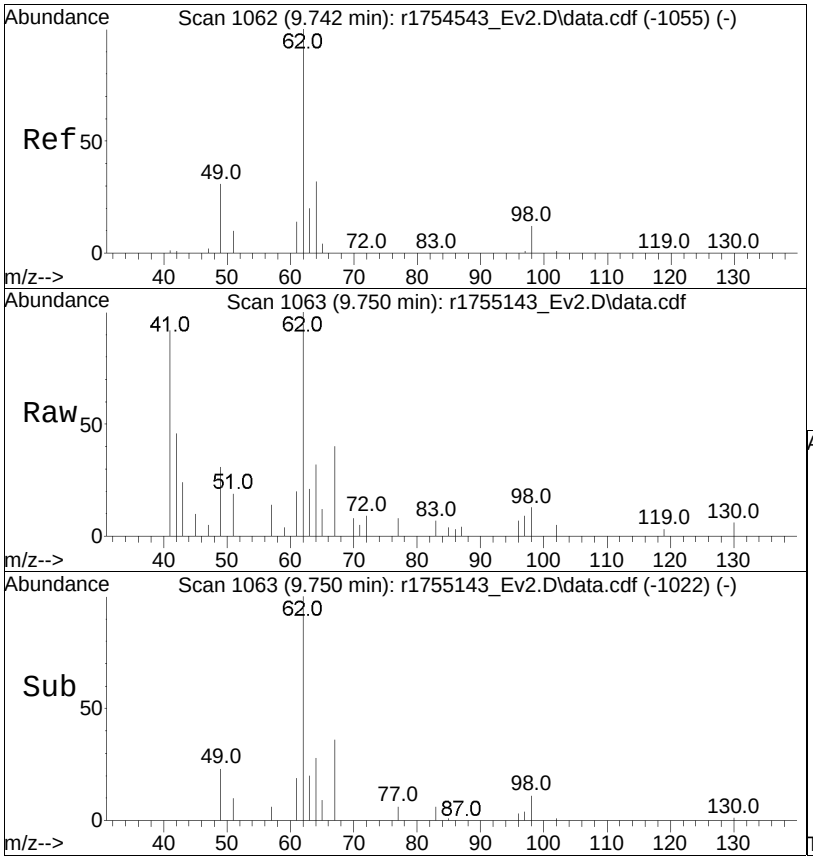


#31
chloroform
Concen: 0.03 ppbV
RT: 8.917 min Scan# 963
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 83 Resp: 978

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5
47	29.2	16.5	24.7#

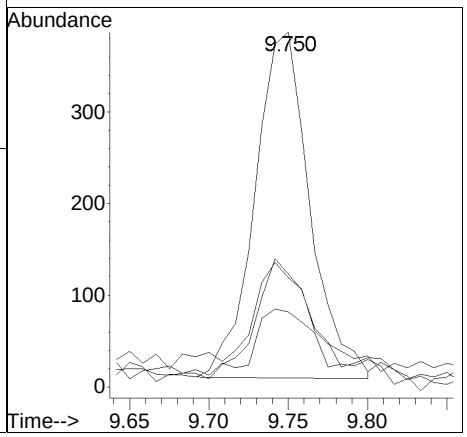


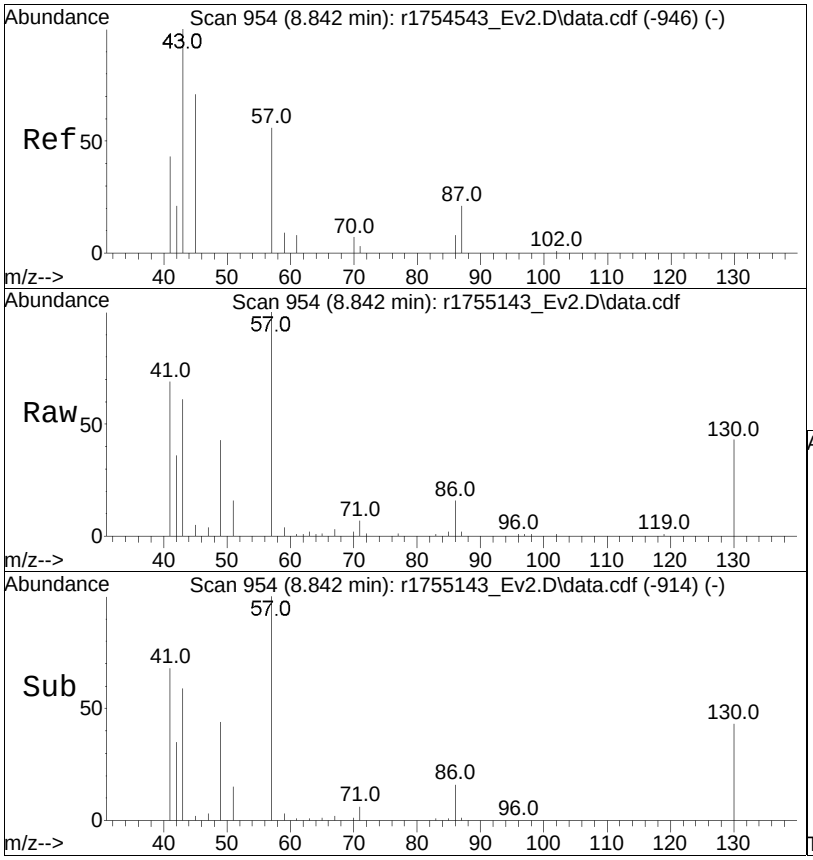


#33
1,2-dichloroethane
Concen: 0.04 ppbV
RT: 9.750 min Scan# 1063
Delta R.T. 0.008 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 62 Resp: 909

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2
49	30.7	24.6	37.0
63	21.2	15.9	23.9

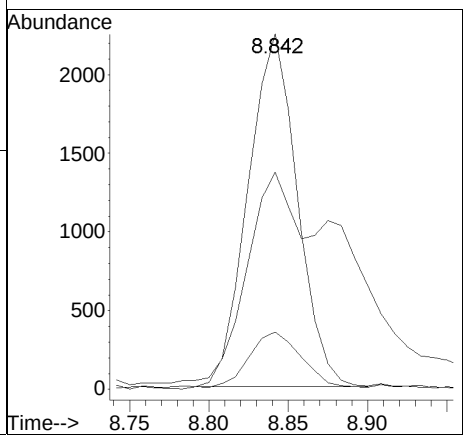


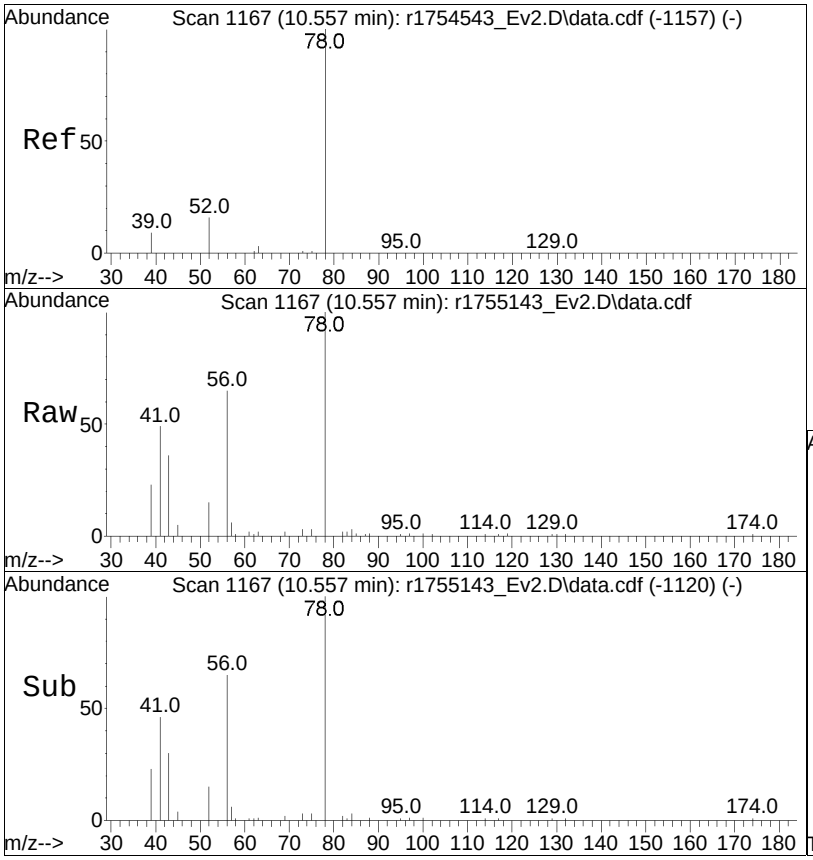


#35
hexane
Concen: 0.12 ppbV
RT: 8.842 min Scan# 954
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 57 Resp: 4829

Ion	Ratio	Lower	Upper
57	100		
43	61.1	143.4	215.2#
86	16.2	11.9	17.9

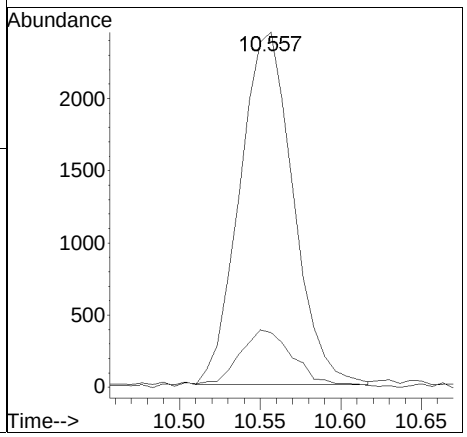


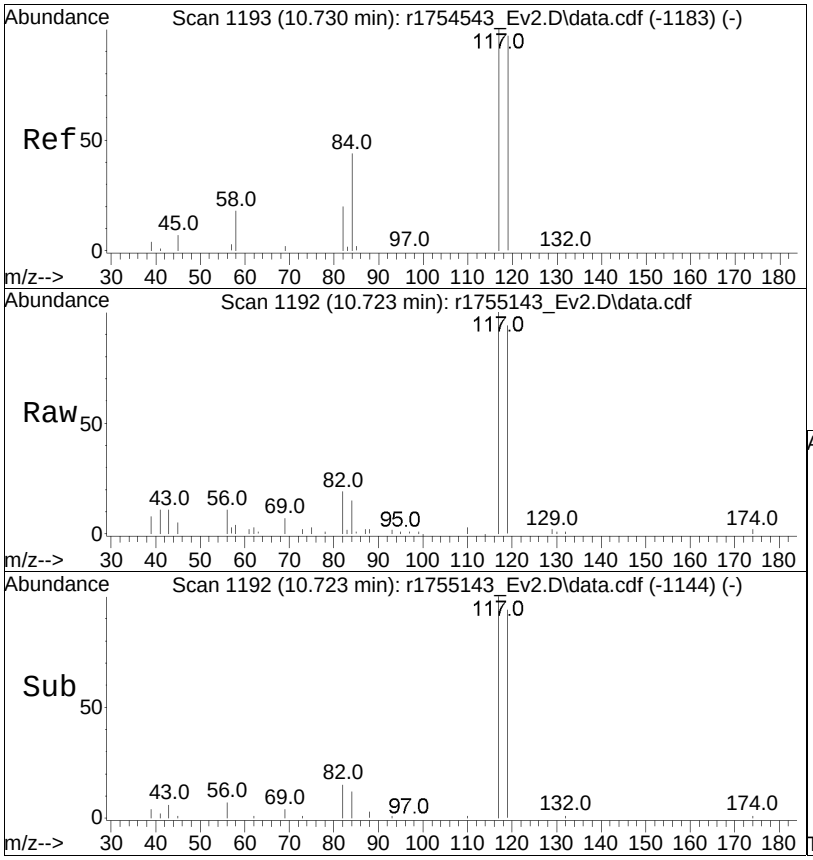


#38
benzene
Concen: 0.08 ppbV
RT: 10.557 min Scan# 1167
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 78 Resp: 5638

Ion	Ratio	Lower	Upper
78	100		
52	15.4	12.7	19.1

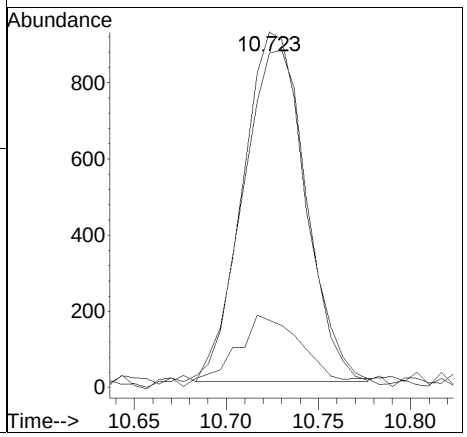


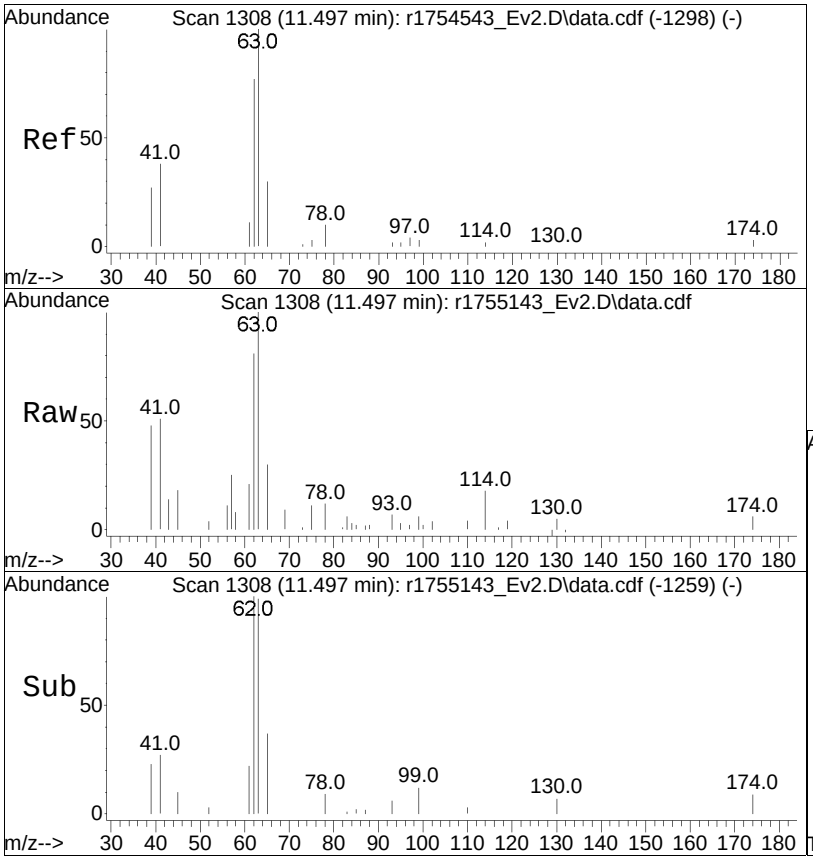


#39
carbon tetrachloride
Concen: 0.07 ppbV
RT: 10.723 min Scan# 1192
Delta R.T. -0.007 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:117 Resp: 2151

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.3	115.9
82	18.9	16.2	24.2

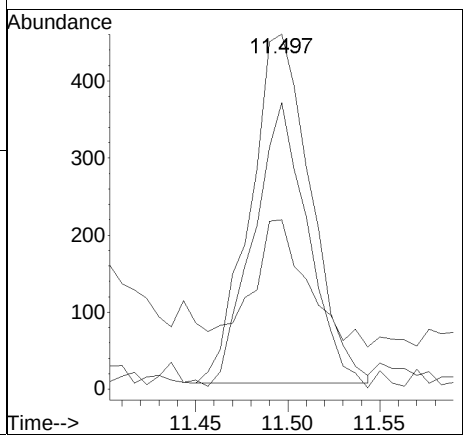


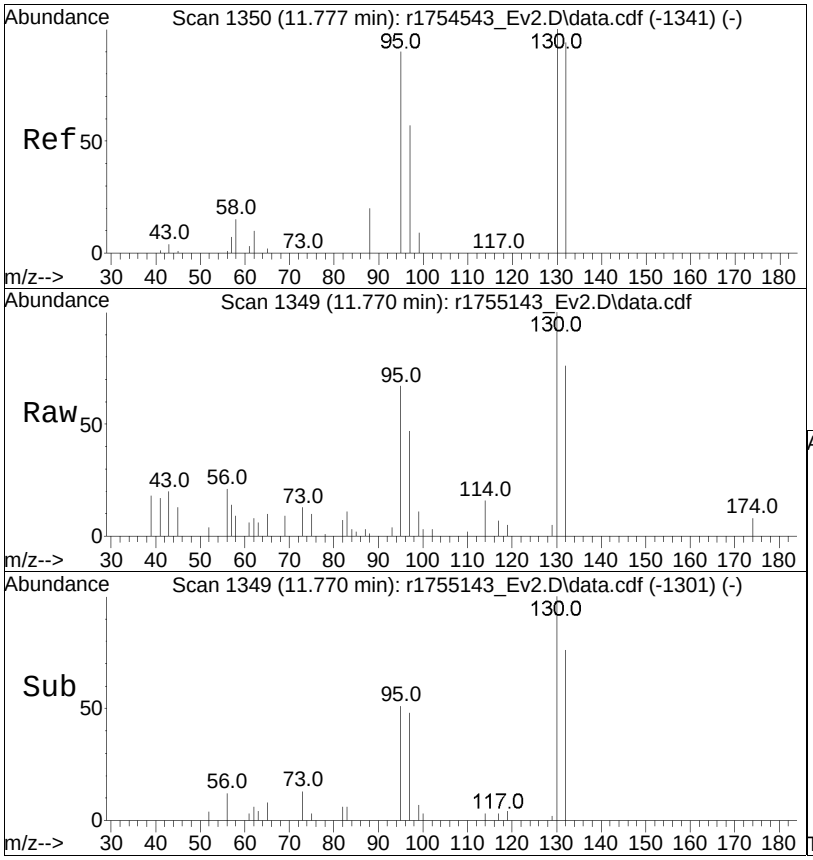


#42
1,2-dichloropropane
Concen: 0.03 ppbV
RT: 11.497 min Scan# 1308
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 63 Resp: 1037

Ion	Ratio	Lower	Upper
63	100		
62	80.7	61.5	92.3
39	47.7	22.2	33.2#

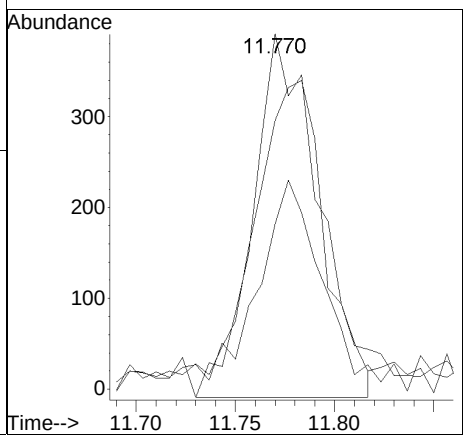


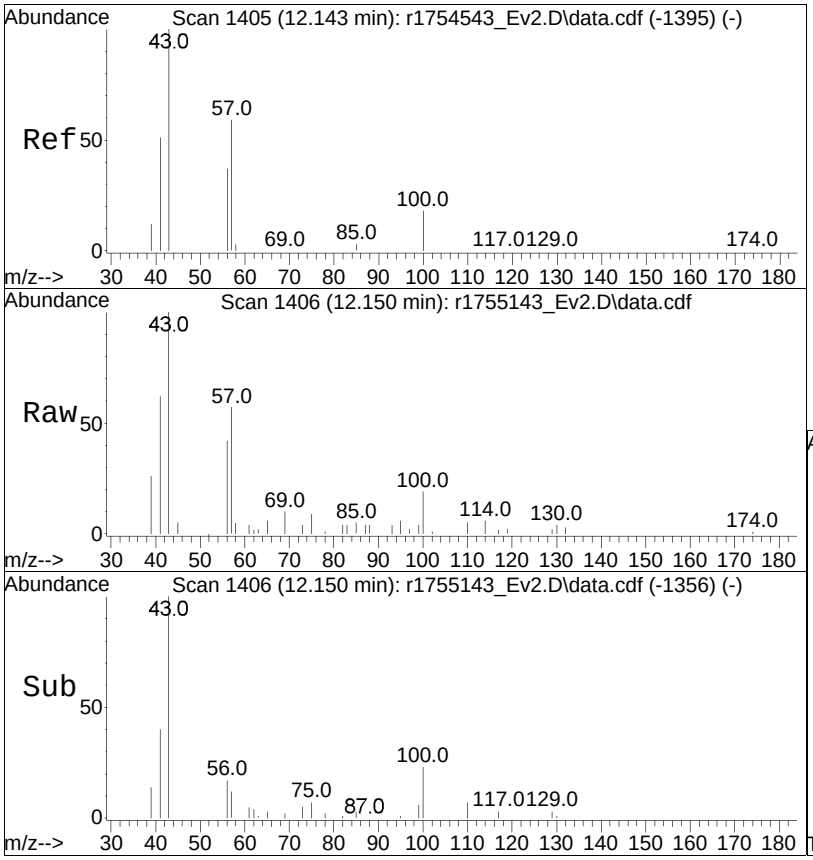


#45
trichloroethene
Concen: 0.02 ppbV
RT: 11.770 min Scan# 1349
Delta R.T. -0.007 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:130 Resp: 921

Ion	Ratio	Lower	Upper
130	100		
132	75.7	75.0	112.4
97	46.5	45.4	68.2

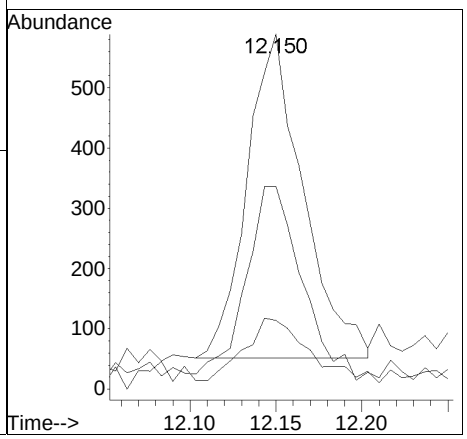


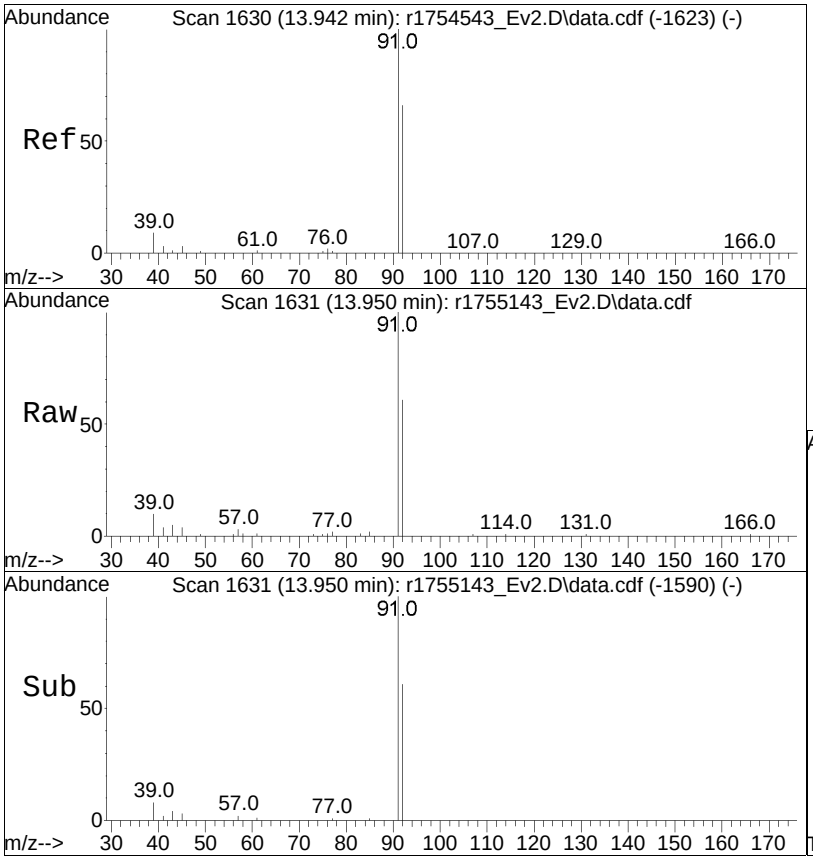


#47
heptane
Concen: 0.03 ppbV
RT: 12.150 min Scan# 1406
Delta R.T. 0.007 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 43 Resp: 1220

Ion	Ratio	Lower	Upper
43	100		
57	57.0	47.2	70.8
100	19.4	14.9	22.3

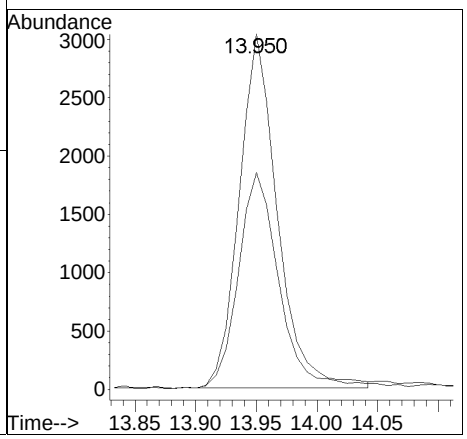


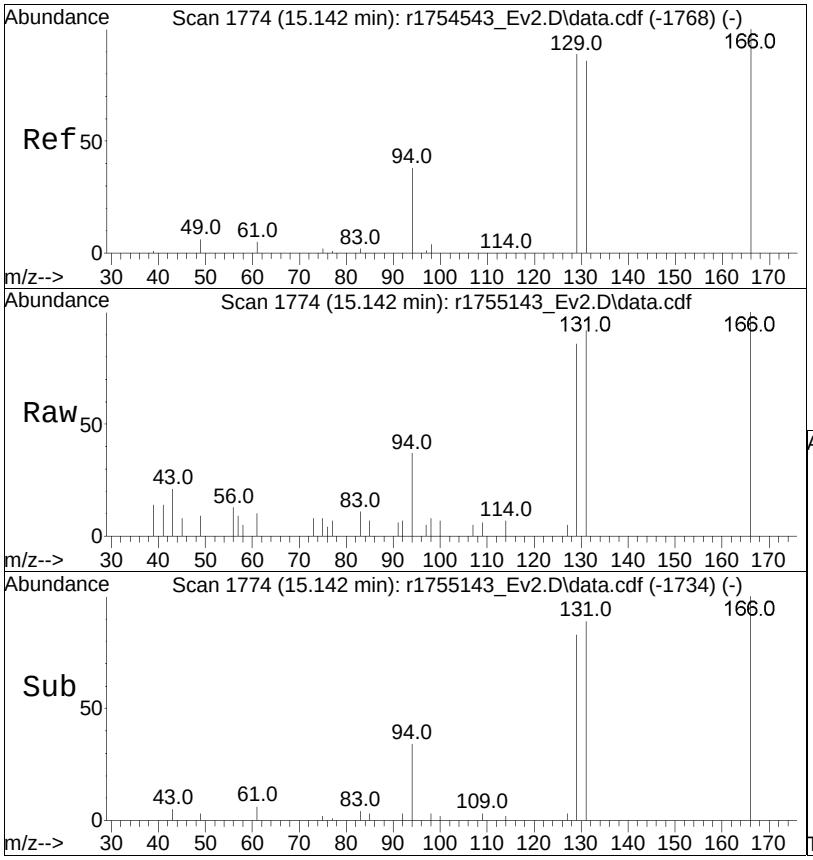


#53
toluene
Concen: 0.08 ppbV
RT: 13.950 min Scan# 1631
Delta R.T. 0.008 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 91 Resp: 6678

Ion	Ratio	Lower	Upper
91	100		
92	61.0	52.6	78.8

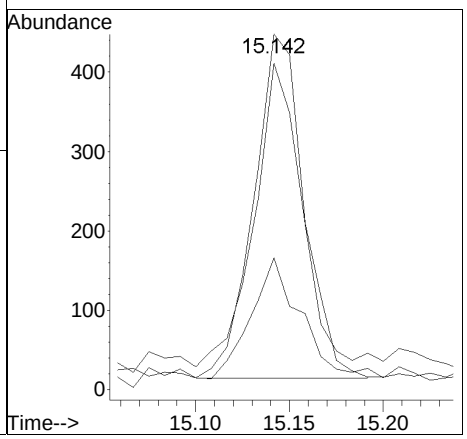


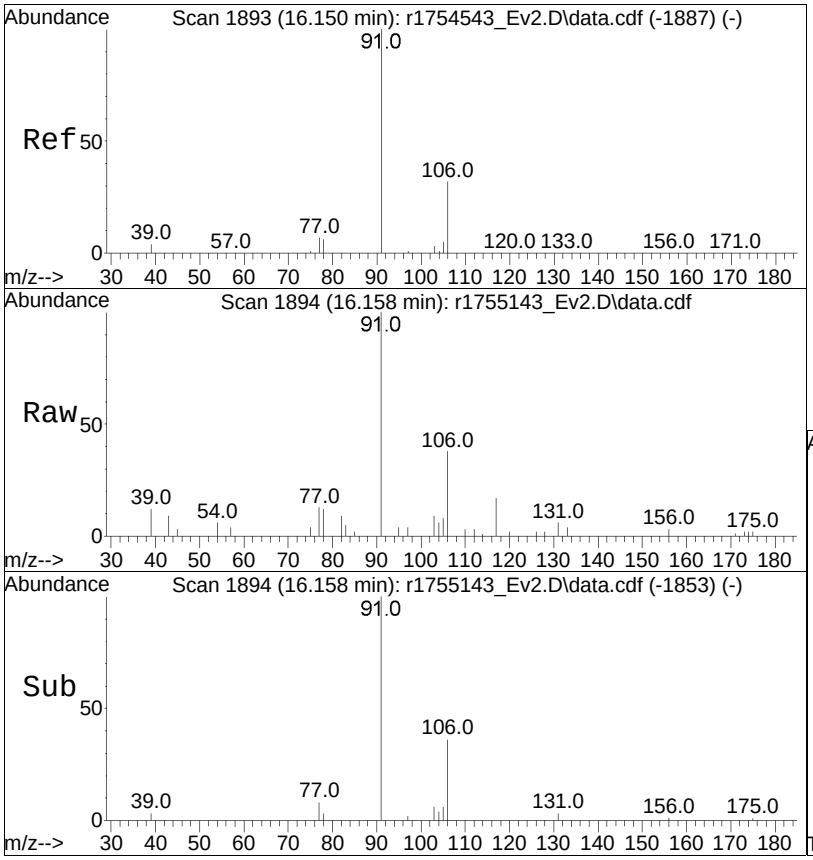


#58
tetrachloroethene
Concen: 0.03 ppbV
RT: 15.142 min Scan# 1774
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:166 Resp: 807

Ion	Ratio	Lower	Upper
166	100		
131	91.7	69.1	103.7
94	37.1	30.7	46.1

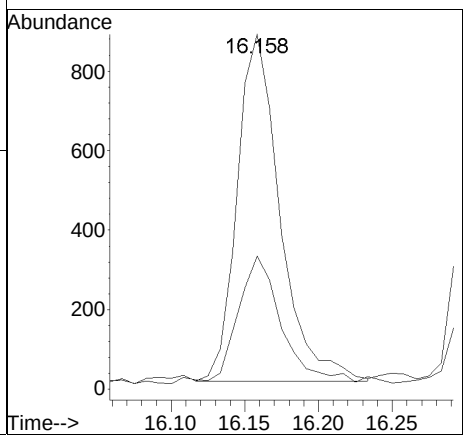


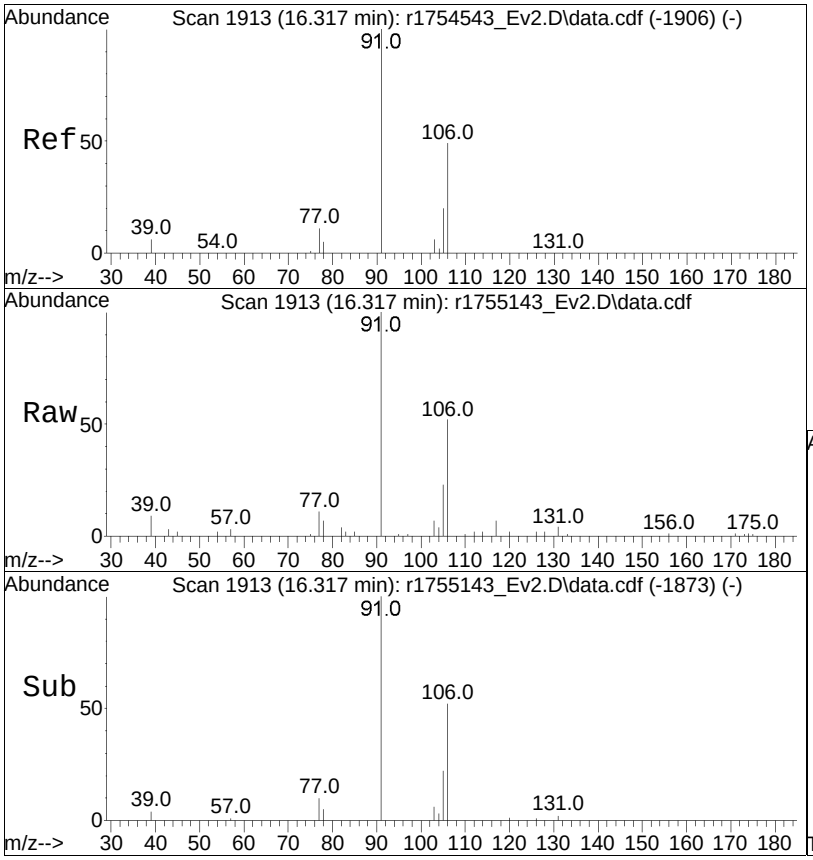


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.158 min Scan# 1894
Delta R.T. 0.008 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 91 Resp: 1761

Ion	Ratio	Lower	Upper
91	100		
106	37.5	25.8	38.6

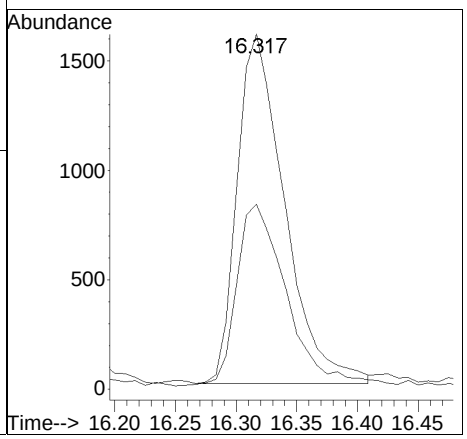


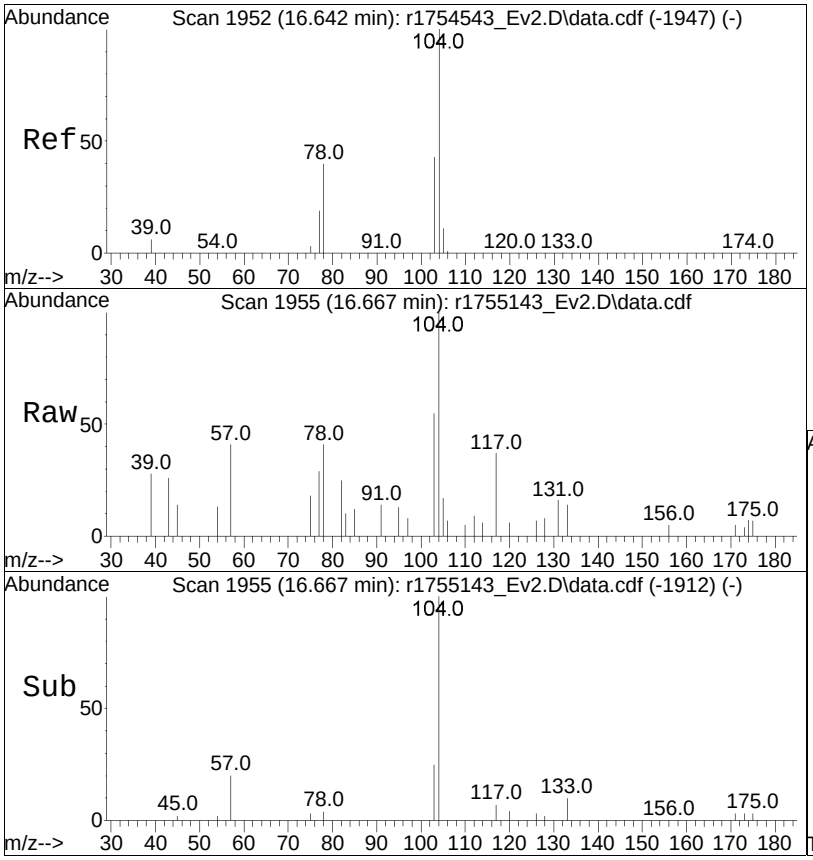


#62
m+p-xylene
Concen: 0.05 ppbV
RT: 16.317 min Scan# 1913
Delta R.T. 0.000 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 91 Resp: 4350

Ion	Ratio	Lower	Upper
91	100		
106	52.1	39.4	59.0

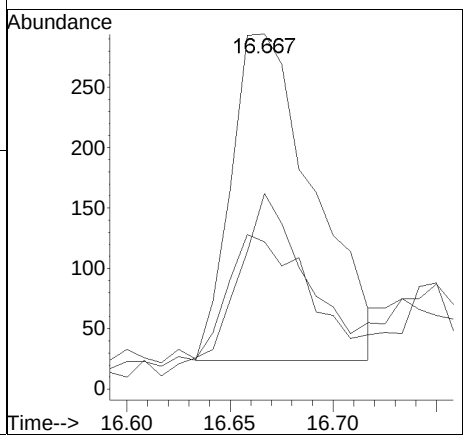


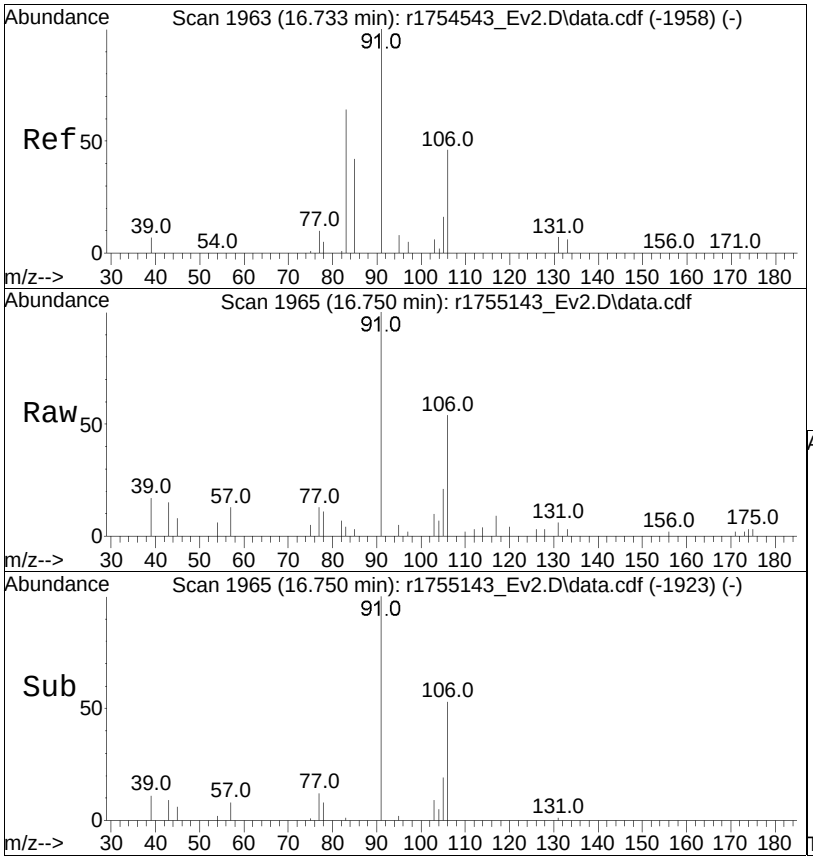


#64
styrene
Concen: 0.01 ppbV
RT: 16.667 min Scan# 1955
Delta R.T. 0.025 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:104 Resp: 753

Ion	Ratio	Lower	Upper
104	100		
103	55.1	34.8	52.2#
78	41.5	31.8	47.8

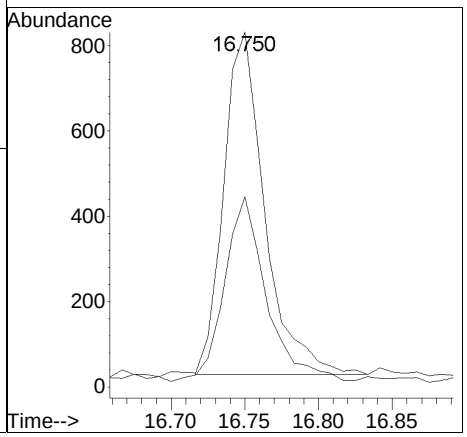


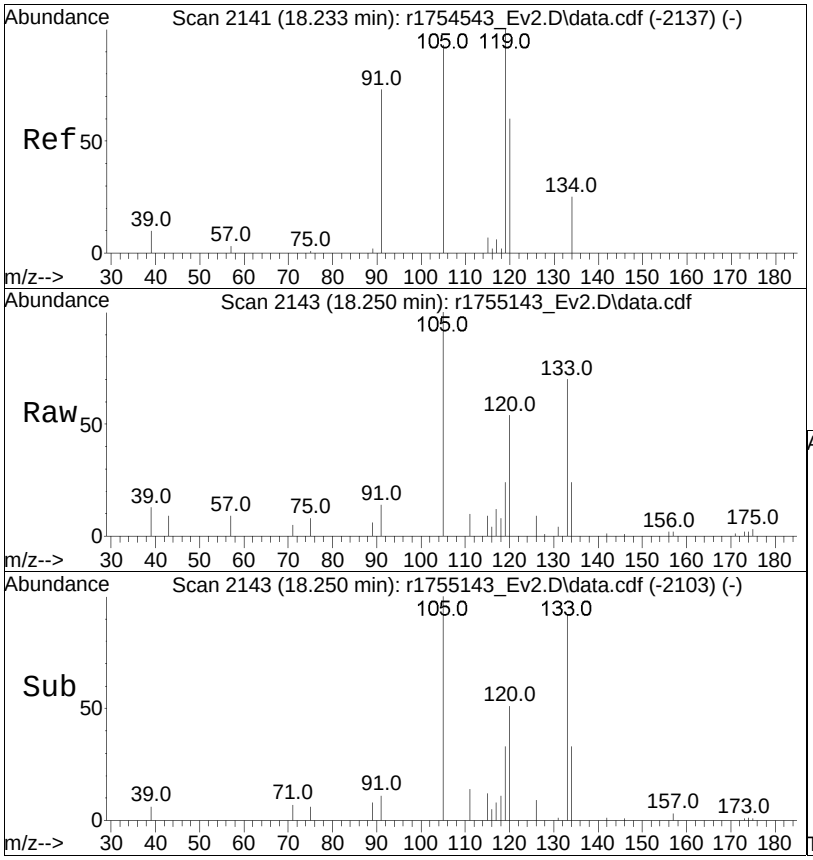


#66
o-xylene
Concen: 0.02 ppbV
RT: 16.750 min Scan# 1965
Delta R.T. 0.017 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion: 91 Resp: 1551

Ion	Ratio	Lower	Upper
91	100		
106	53.7	37.0	55.4

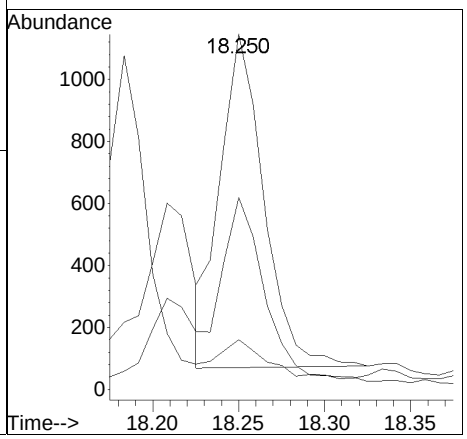




#74
1,2,4-trimethylbenzene
Concen: 0.02 ppbV
RT: 18.250 min Scan# 2143
Delta R.T. 0.017 min
Lab File: r1755143_Ev2.D
Acq: 28 Mar 2026 7:03 AM

Tgt Ion:105 Resp: 1908

Ion	Ratio	Lower	Upper
105	100		
120	54.0	51.8	77.8
91	14.0	63.4	95.2#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab17\20	QMethod	: TSIM17_260305.M
Data File	: r1755143_Ev2.D	Operator	: AIRLAB17:SL
Date Inj'd	: 3/28/2026 7:03 AM	Instrument	:
Sample	: WG2190695-5,3,250,250	Quant Date	: 3/28/2026 12:38 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269476.D
Acq On : 28 Mar 2026 10:47 pm
Operator : AIRLAB26:SL
Sample : WG2190907-5,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 29 09:28:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	3.433	49	237280	10.000	ppbV	# 0.00
Standard Area = 234099			Recovery = 101.36%			
33) 1,4-difluorobenzene	4.324	114	697838	10.000	ppbV	# 0.00
Standard Area = 740785			Recovery = 94.20%			
51) chlorobenzene-D5	6.439	54	101829	10.000	ppbV	# 0.00
Standard Area = 104350			Recovery = 97.58%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) dichlorodifluoromethane	1.960	85	22106	0.451	ppbV	99
4) chloromethane	2.004	50	10569M4	0.622	ppbV	
5) Freon-114	2.037	85	881M4	0.016	ppbV	
6) vinyl chloride	2.070		0	N.D.		
8) bromomethane	2.186	94	353M4	0.017	ppbV	
9) chloroethane	0.000		0	N.D.	d	
10) ethanol	2.279	31	9946820M6	1202.652	ppbV	
14) trichlorofluoromethane	2.460	101	9968	0.216	ppbV	99
17) 1,1-dichloroethene	0.000		0	N.D.	d	
18) tertiary butyl alcohol	0.000		0	N.D.	d	
19) methylene chloride	2.672	49	7474	0.403	ppbV	95
22) Freon 113	2.763	101	2656M4	0.064	ppbV	
23) trans-1,2-dichloroethene	2.980	61	978	0.039	ppbV	94
24) 1,1-dichloroethane	0.000		0	N.D.	d	
25) MTBE	0.000		0	N.D.	d	
27) 2-butanone	3.210	43	34044	0.877	ppbV #	89
28) cis-1,2-dichloroethene	0.000		0	N.D.	d	
30) chloroform	3.501	83	5781	0.133	ppbV #	100
32) 1,2-dichloroethane	3.809	62	910	0.036	ppbV #	92
34) hexane	3.478	57	24669	0.906	ppbV #	100
36) 1,1,1-trichloroethane	0.000		0	N.D.	d	
37) benzene	4.135	78	21715	0.355	ppbV #	100
38) carbon tetrachloride	4.201	117	2586	0.073	ppbV #	40
39) cyclohexane	4.258	56	6418	0.248	ppbV #	1
41) 1,2-dichloropropane	4.522	63	5224	0.235	ppbV #	1
42) bromodichloromethane	0.000		0	N.D.	d	
43) 1,4-dioxane	0.000		0	N.D.	d	
44) trichloroethene	4.644		0	N.D.		
45) 2,2,4-trimethylpentane	4.682	57	24024	0.310	ppbV #	46

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269476.D
Acq On : 28 Mar 2026 10:47 pm
Operator : AIRLAB26:SL
Sample : WG2190907-5,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 29 09:28:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab26\2026\03\0328SIM\R269467.D
Sub List : 1,,,NYDEC-SIM - .

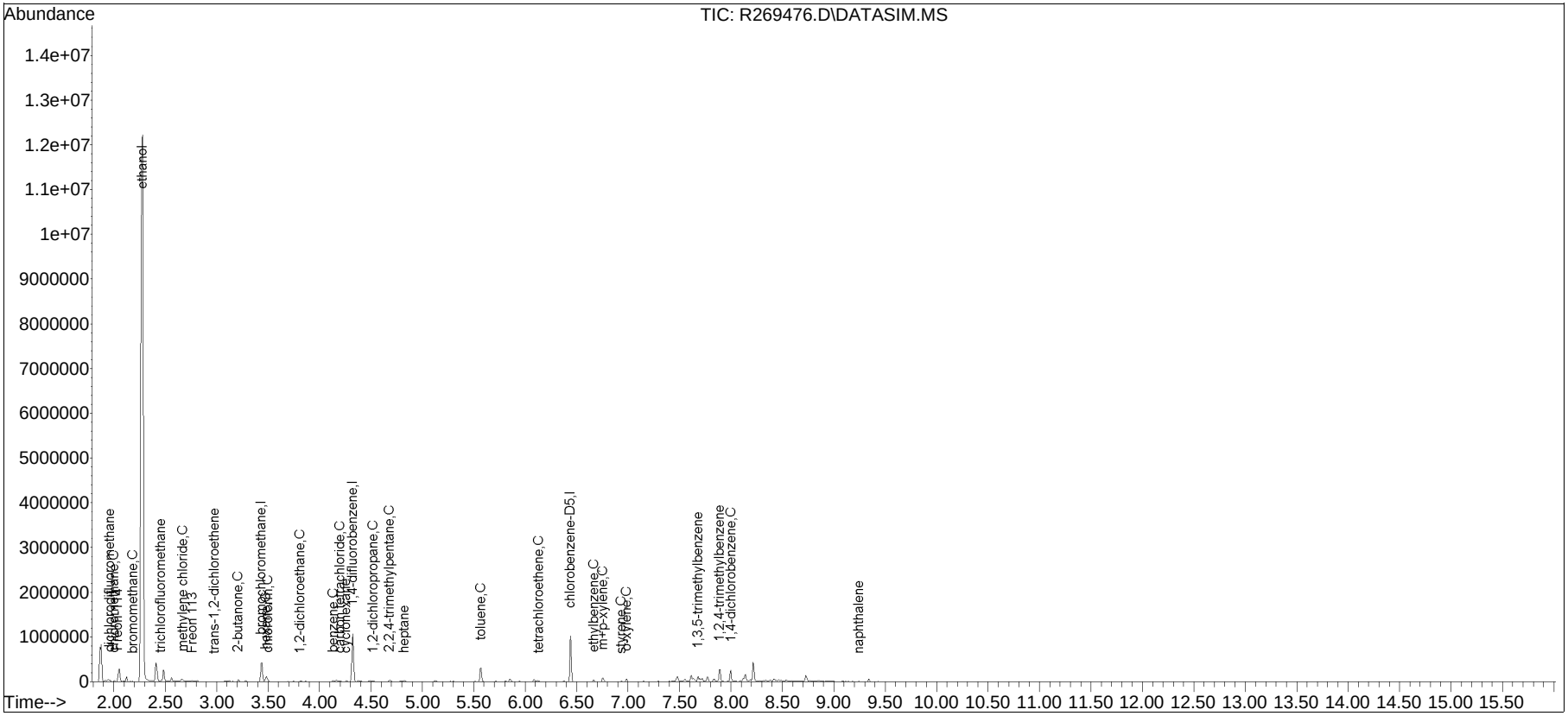
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) heptane	4.823	43	13787M4	0.530	ppbV	
47) cis-1,3-dichloropropene	5.140		0	N.D.		
48) 4-methyl-2-pentanone	0.000		0	N.D.	d	
49) trans-1,3-dichloropropene	0.000		0	N.D.		
50) 1,1,2-trichloroethane	5.428		0	N.D.		
52) toluene	5.571	91	204927	2.642	ppbV	98
55) dibromochloromethane	0.000		0	N.D.		
56) 1,2-dibromoethane	0.000		0	N.D.		
57) tetrachloroethene	6.130	166	3138	0.087	ppbV	95
59) chlorobenzene	6.439		0	N.D.		
60) ethylbenzene	6.668	91	28279	0.285	ppbV	98
61) m+p-xylene	6.756	91	61037	0.778	ppbV	99
62) bromoform	6.761		0	N.D.		
63) styrene	6.933	104	4144M4	0.074	ppbV	
64) 1,1,2,2-tetrachloroethane	6.939		0	N.D.		
65) o-xylene	6.986	91	27526	0.359	ppbV	99
71) 1,3,5-trimethylbenzene	7.680	105	46176	0.549	ppbV #	63
73) 1,2,4-trimethylbenzene	7.888	105	163650	1.877	ppbV #	51
74) Benzyl Chloride	0.000		0	N.D.	d	
75) 1,3-dichlorobenzene	0.000		0	N.D.	d	
76) 1,4-dichlorobenzene	7.999	146	3885	0.056	ppbV #	70
79) 1,2-dichlorobenzene	8.223		0	N.D.		
82) 1,2,4-trichlorobenzene	9.194		0	N.D.		
83) naphthalene	9.241	128	4857	0.032	ppbV	96
85) hexachlorobutadiene	0.000		0	N.D.		

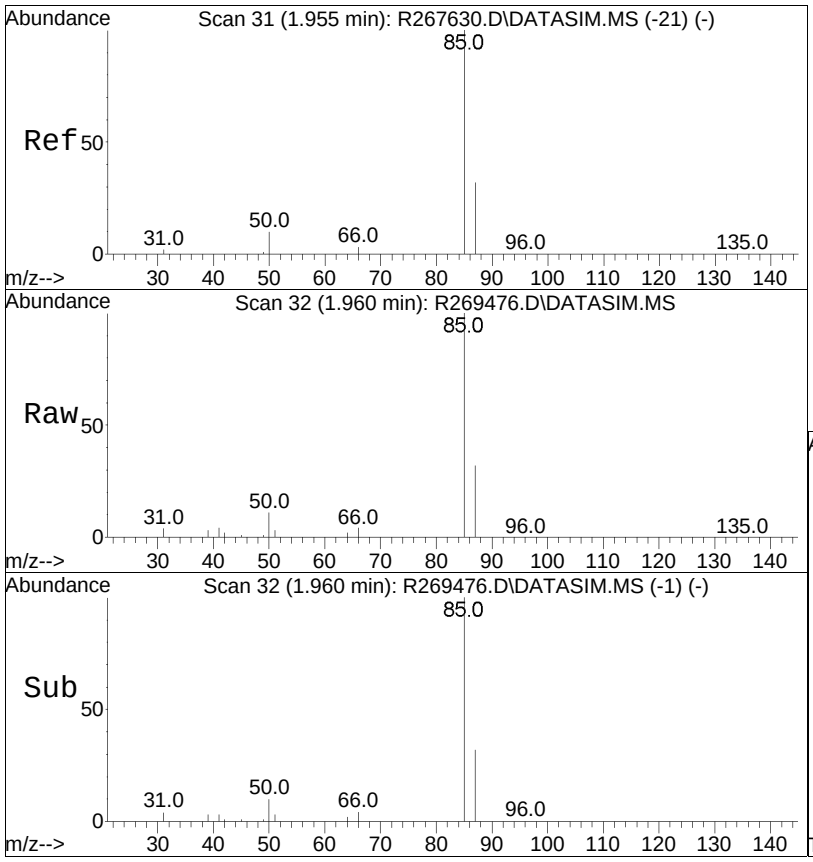
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab26\2026\03\0328SIM\R269467.D

Data Path : X:\Airlab\Data\Airlab26\2026\03\0328SIM\
Data File : R269476.D
Acq On : 28 Mar 2026 10:47 pm
Operator : AIRLAB26:SL
Sample : WG2190907-5,3,250,250
Misc : WG2190907,ICAL23940
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 29 09:28:22 2026
Quant Method : X:\Airlab\Data\Airlab26\2026\03\0328SIM\TSIM26_260107.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Jan 09 09:08:03 2026
Response via : Initial Calibration

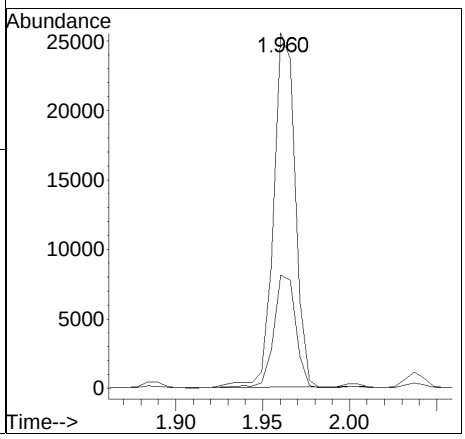


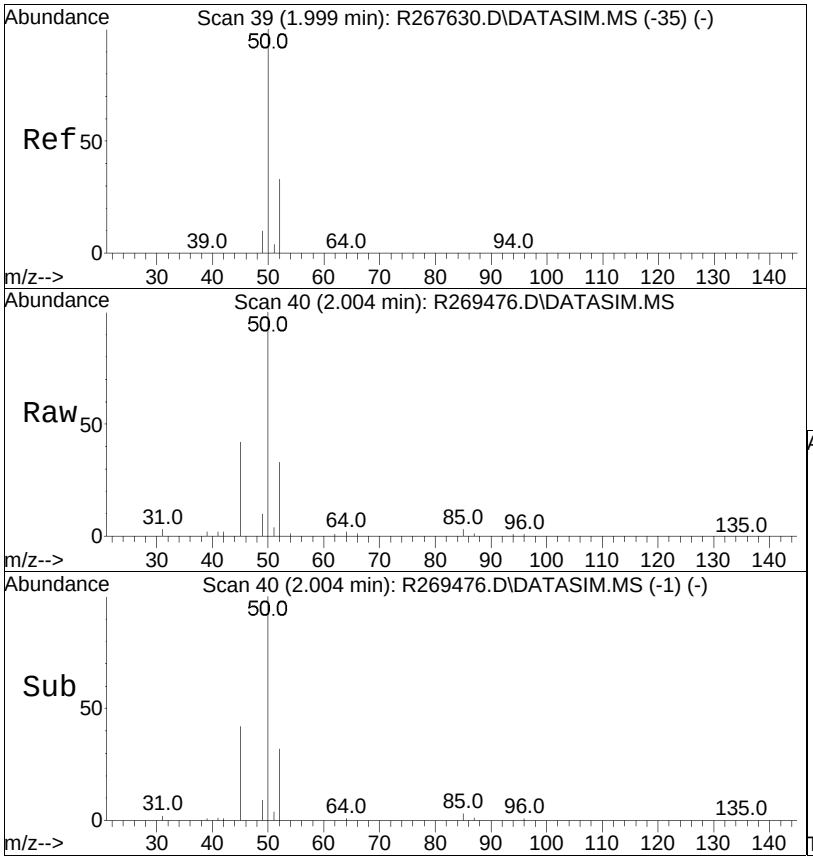


#3
dichlorodifluoromethane
Concen: 0.45 ppbV
RT: 1.960 min Scan# 32
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 85 Resp: 22106

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.2	39.4

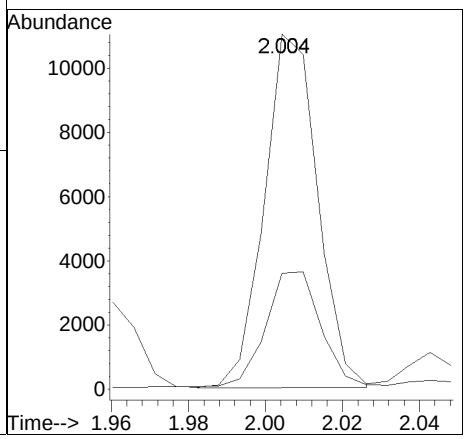


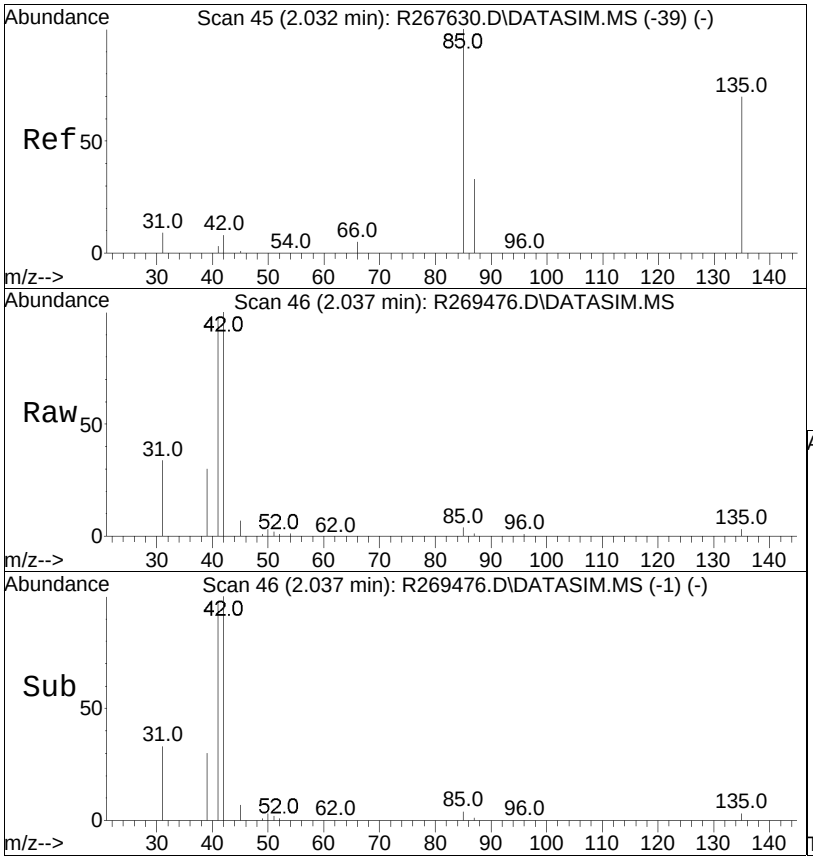


#4
chloromethane
Concen: 0.62 ppbV m
RT: 2.004 min Scan# 40
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 50 Resp: 10569

Ion	Ratio	Lower	Upper
50	100		
52	11.1	22.2	33.4#

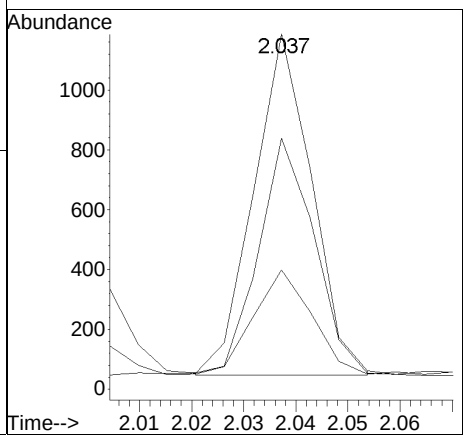


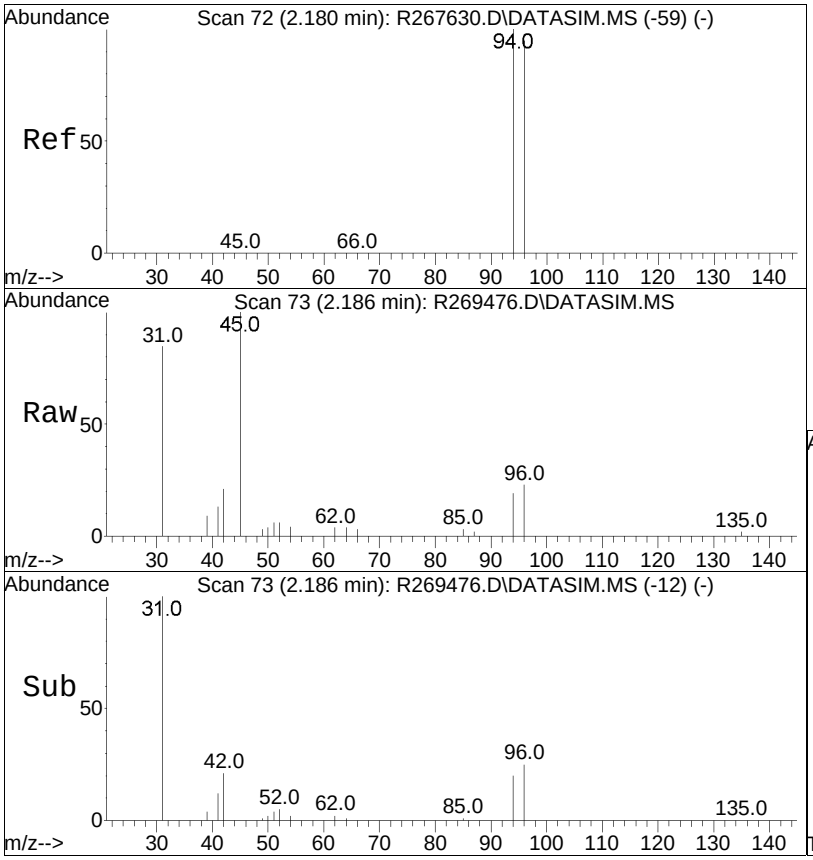


#5
Freon-114
Concen: 0.02 ppbV m
RT: 2.037 min Scan# 46
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 85 Resp: 881

Ion	Ratio	Lower	Upper
85	100		
87	26.0	26.2	39.2#
135	70.0	55.9	83.9

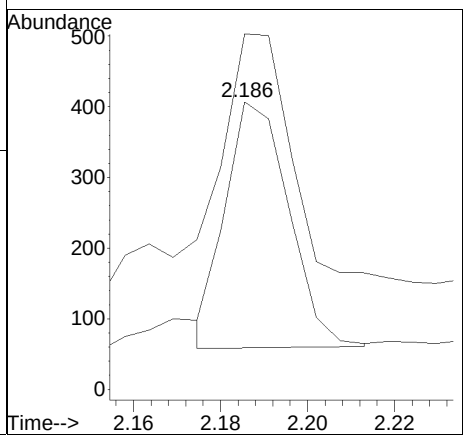


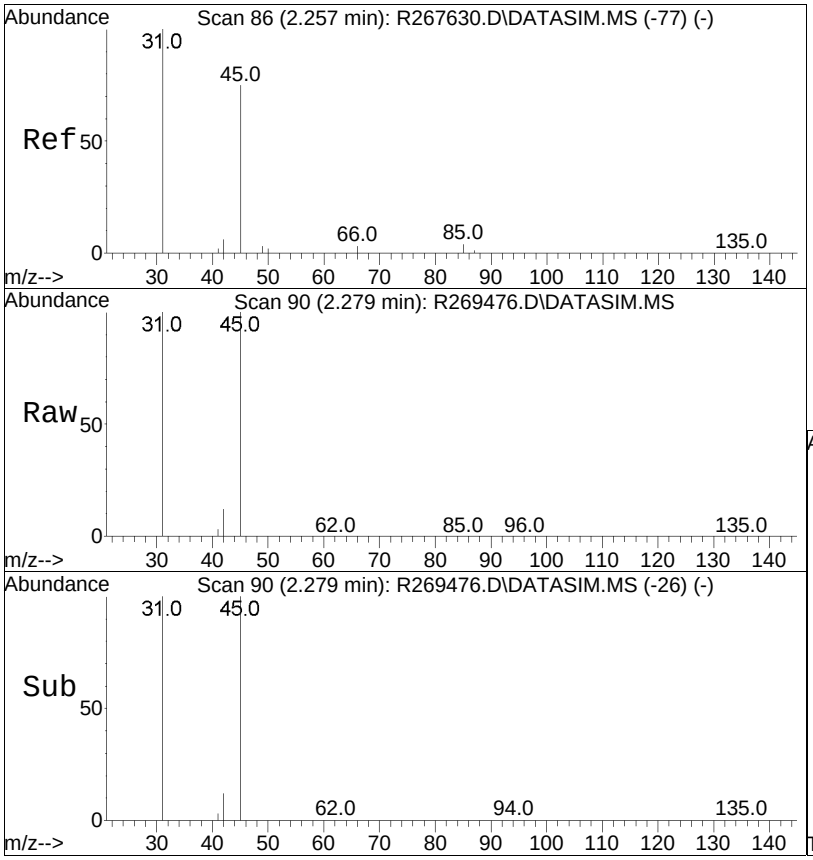


#8
bromomethane
Concen: 0.02 ppbV m
RT: 2.186 min Scan# 73
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 94 Resp: 353

Ion	Ratio	Lower	Upper
94	100		
96	129.5	75.8	113.8#

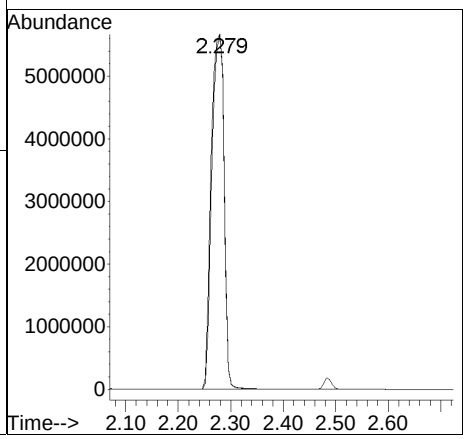


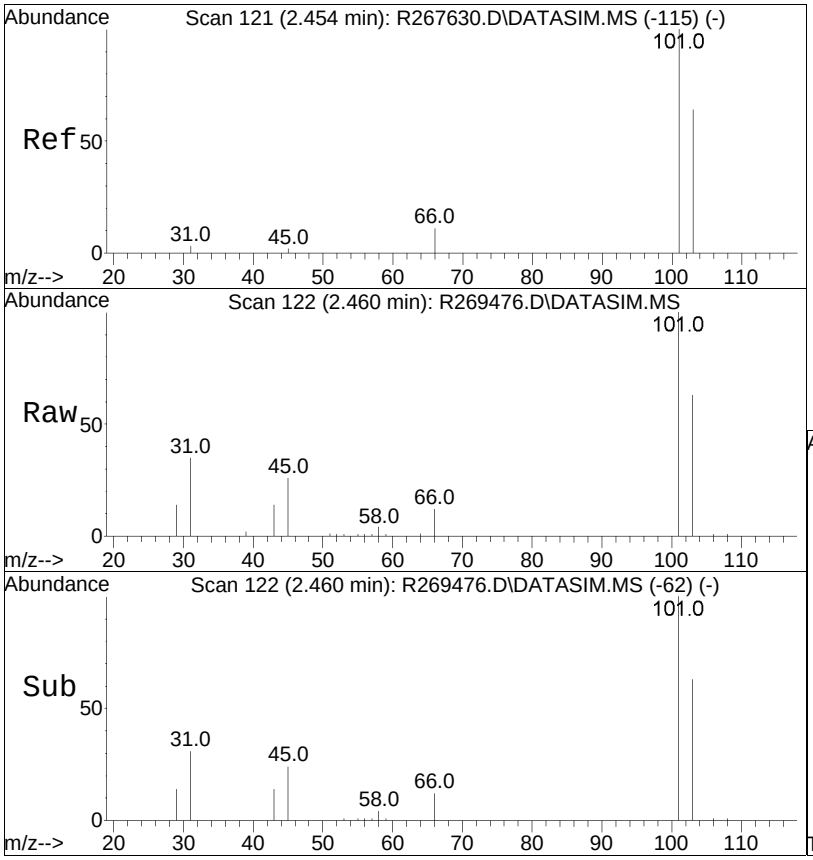


#10
ethanol
Concen: 1202.65 ppbV m
RT: 2.279 min Scan# 90
Delta R.T. 0.022 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 31 Resp: 9946820

Ion	Ratio	Lower	Upper
31	100		
45	0.0	63.0	94.4#

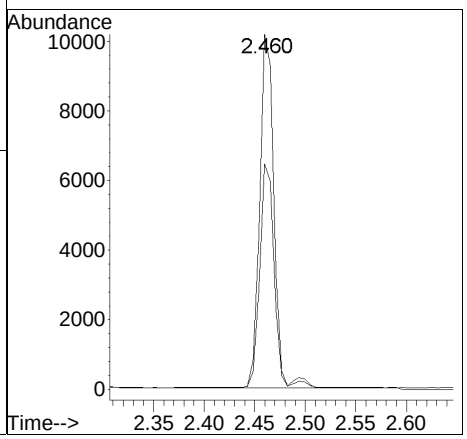


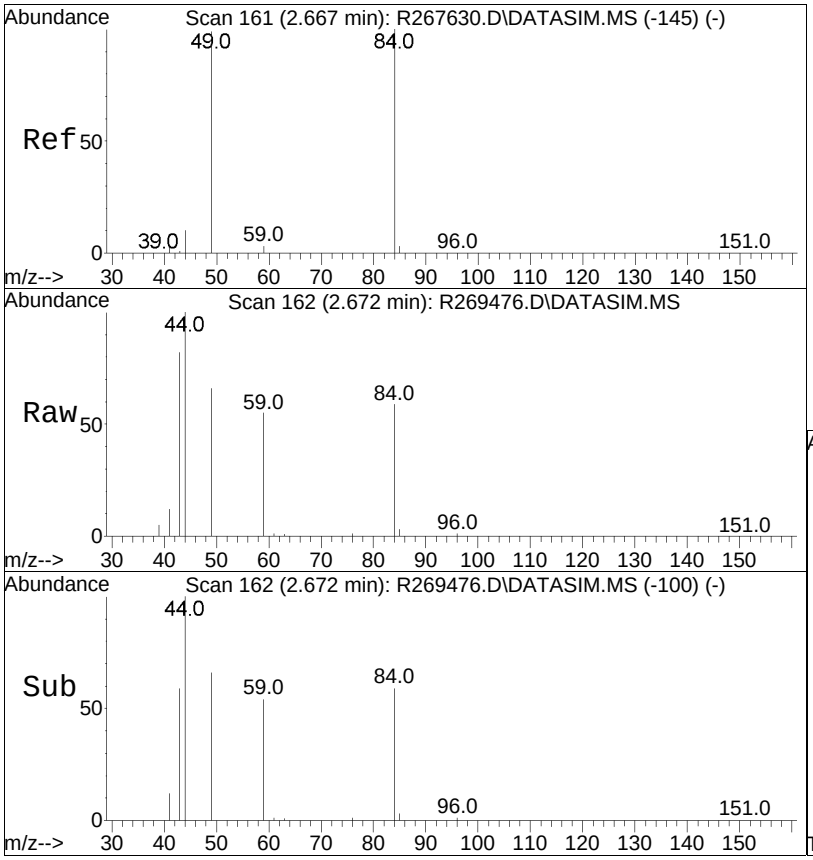


#14
trichlorofluoromethane
Concen: 0.22 ppbV
RT: 2.460 min Scan# 122
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:101 Resp: 9968

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.9	77.9

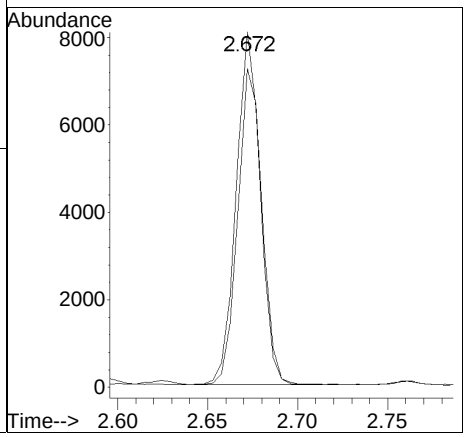


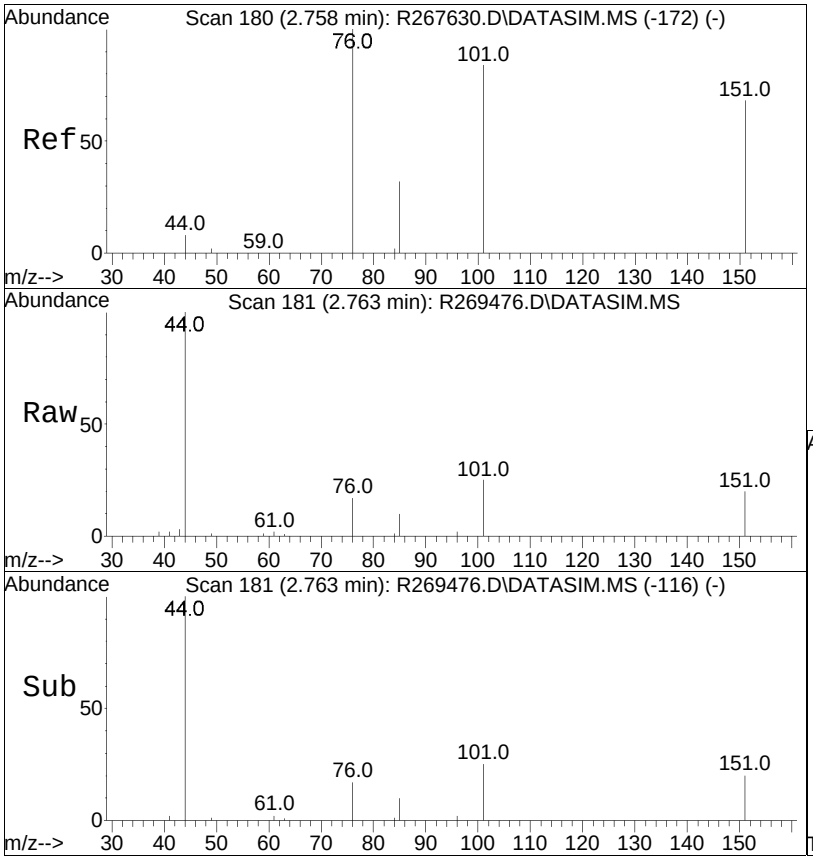


#19
methylene chloride
Concen: 0.40 ppbV
RT: 2.672 min Scan# 162
Delta R.T. 0.005 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 49 Resp: 7474

Ion	Ratio	Lower	Upper
49	100		
84	90.9	77.0	115.4

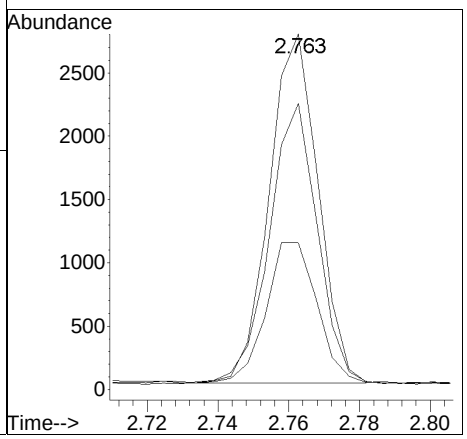


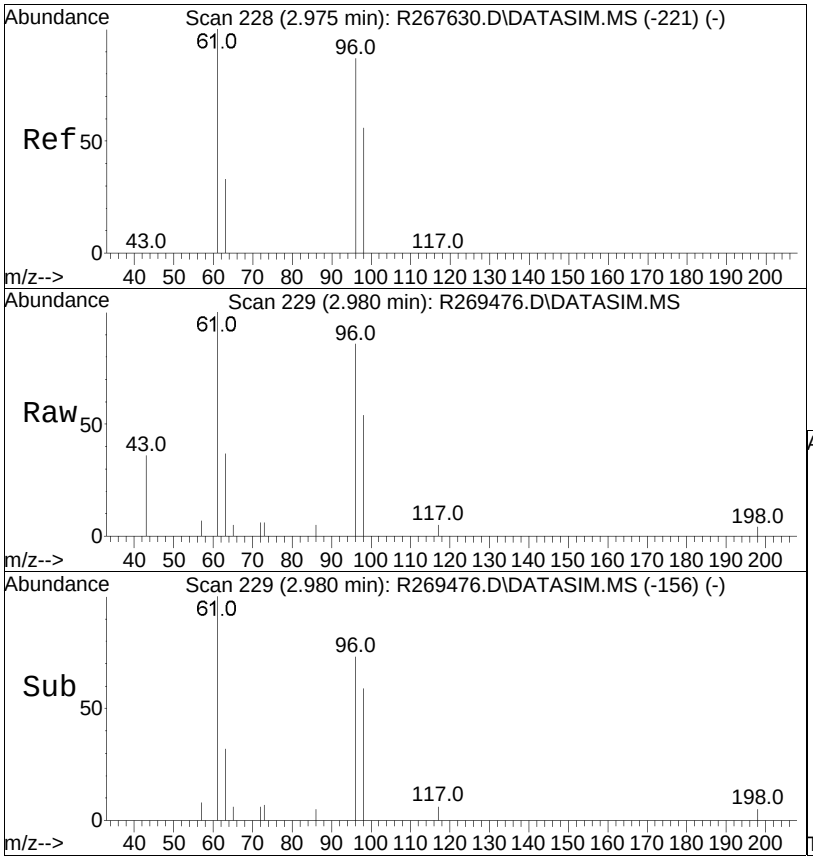


#22
Freon 113
Concen: 0.06 ppbV m
RT: 2.763 min Scan# 181
Delta R.T. 0.005 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:101 Resp: 2656

Ion	Ratio	Lower	Upper
101	100		
85	46.2	31.4	47.0
151	84.7	64.1	96.1

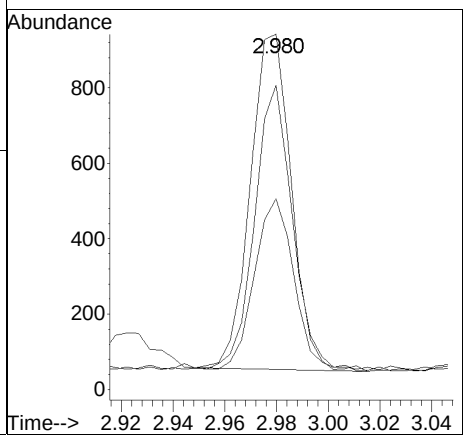


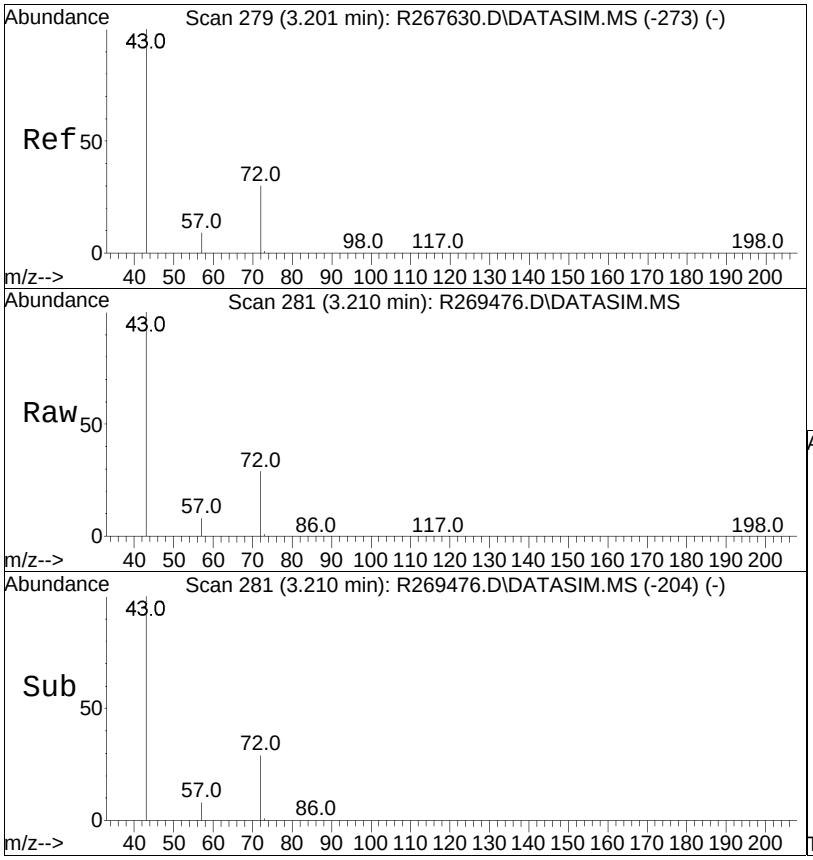


#23
trans-1,2-dichloroethene
Concen: 0.04 ppbV
RT: 2.980 min Scan# 229
Delta R.T. 0.004 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 61 Resp: 978

Ion	Ratio	Lower	Upper
61	100		
96	78.5	67.0	100.6
98	48.6	42.9	64.3

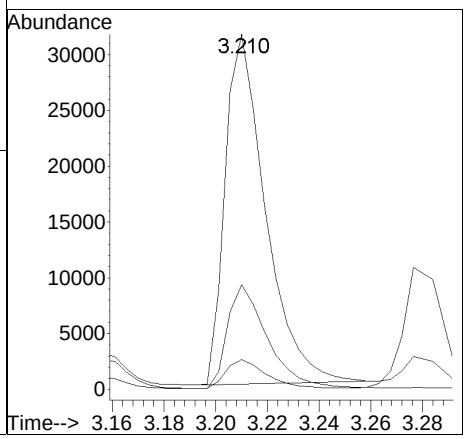


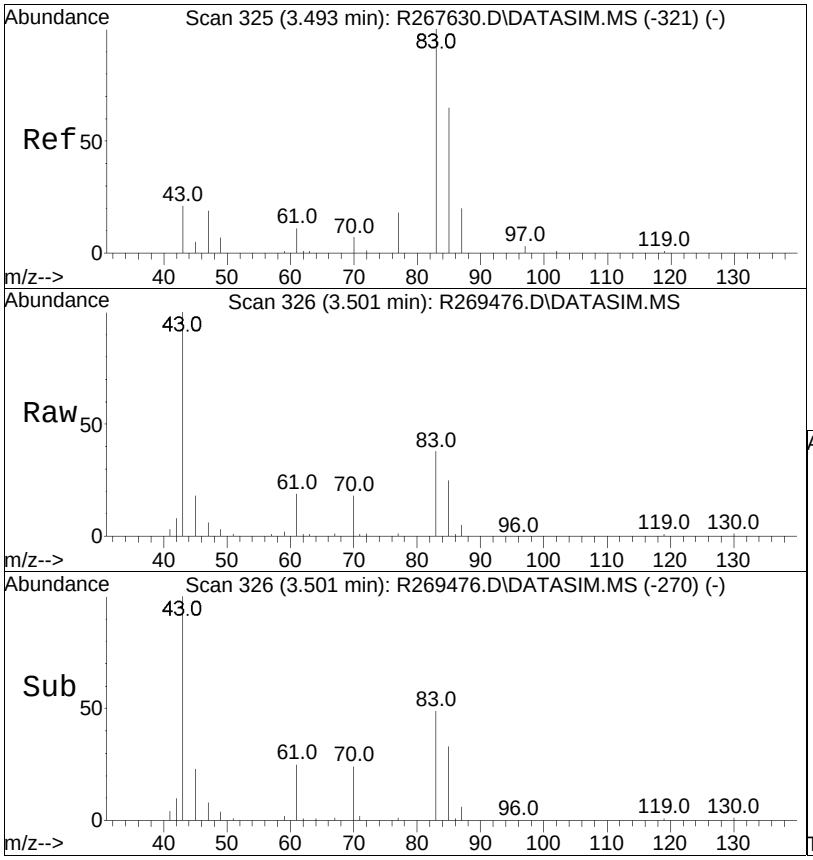


#27
2-butanone
Concen: 0.88 ppbV
RT: 3.210 min Scan# 281
Delta R.T. 0.009 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 43 Resp: 34044

Ion	Ratio	Lower	Upper
43	100		
72	35.9	23.2	34.8#
57	8.1	5.8	8.8

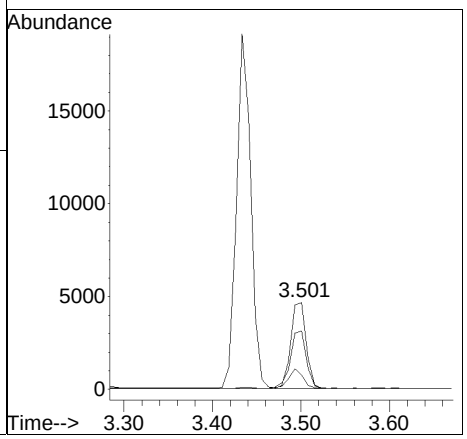


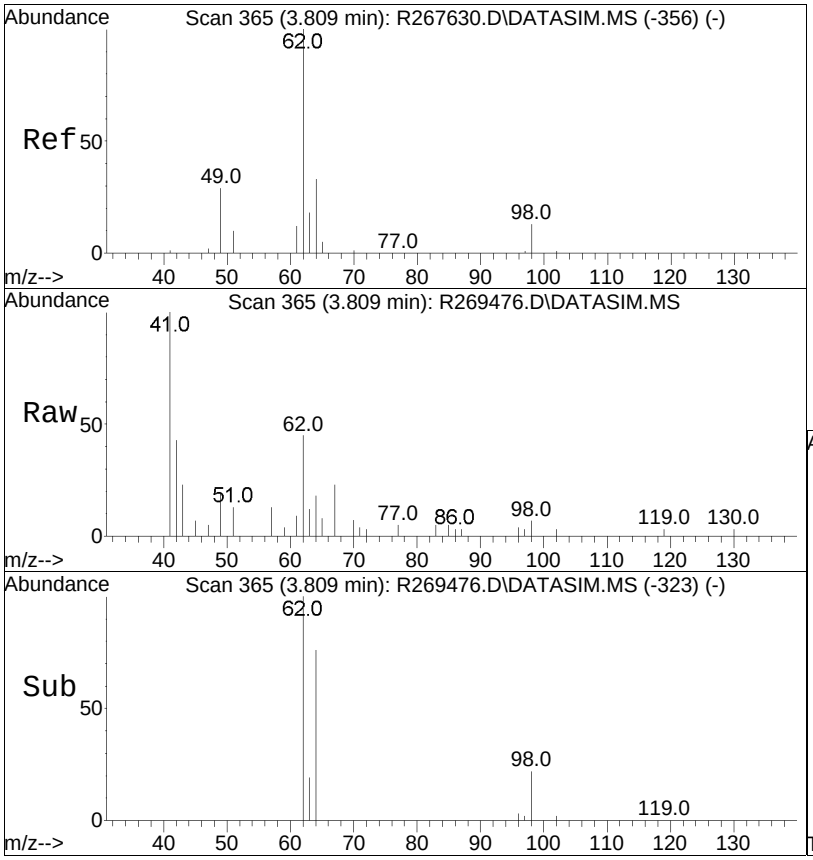


#30
chloroform
Concen: 0.13 ppbV
RT: 3.501 min Scan# 326
Delta R.T. 0.008 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 83 Resp: 5781

Ion	Ratio	Lower	Upper
83	100		
85	68.5	0.0	0.0#
47	18.6	0.0	0.0#

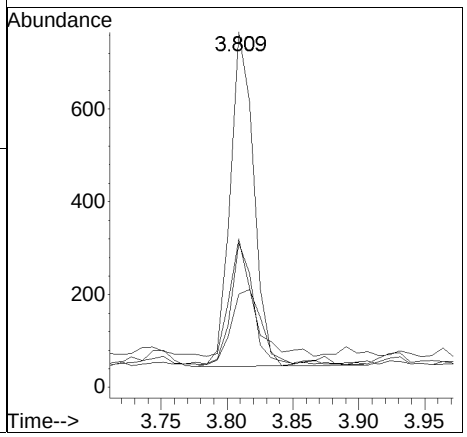


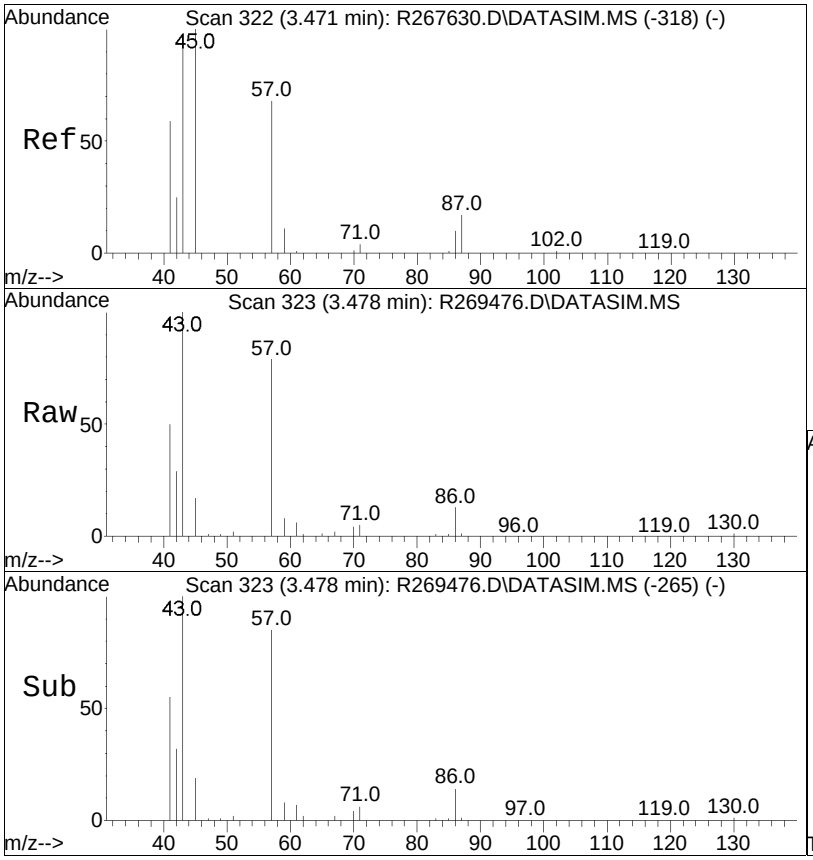


#32
1,2-dichloroethane
Concen: 0.04 ppbV
RT: 3.809 min Scan# 365
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 62 Resp: 910

Ion	Ratio	Lower	Upper
62	100		
64	36.7	27.4	41.0
49	32.7	27.7	41.5
63	26.5	13.0	19.4#

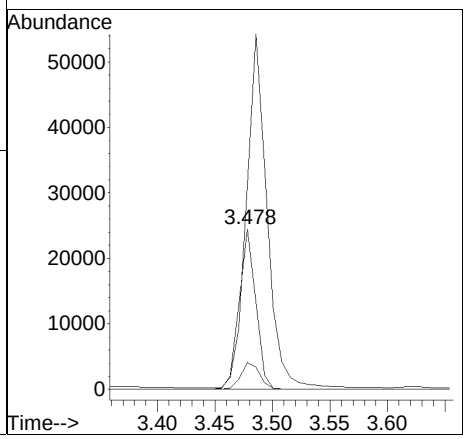


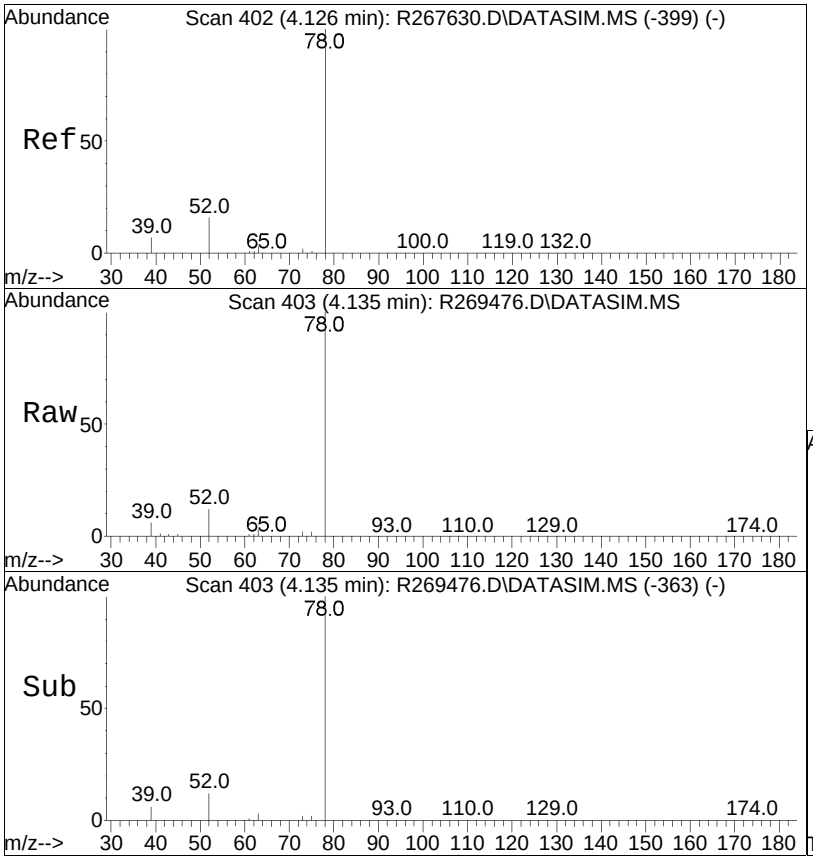


#34
hexane
Concen: 0.91 ppbV
RT: 3.478 min Scan# 323
Delta R.T. 0.008 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 57 Resp: 24669

Ion	Ratio	Lower	Upper
57	100		
43	272.4	0.0	0.0#
86	18.5	0.0	0.0#

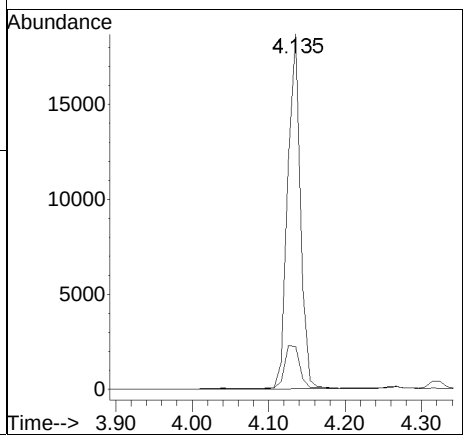


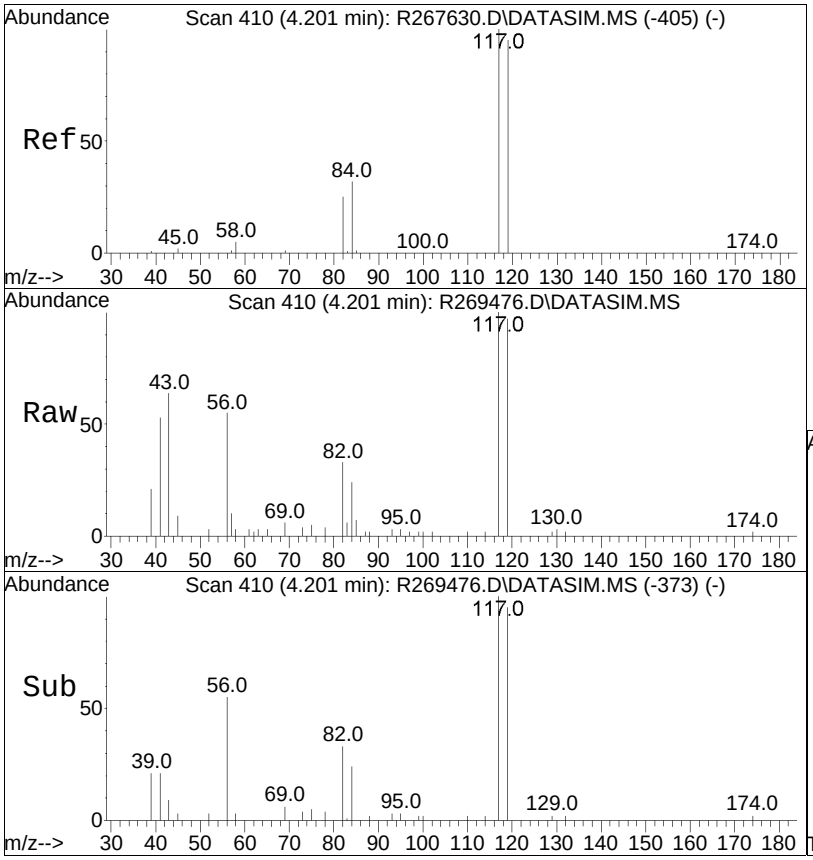


#37
benzene
Concen: 0.35 ppbV
RT: 4.135 min Scan# 403
Delta R.T. 0.009 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 78 Resp: 21715

Ion	Ratio	Lower	Upper
78	100		
52	14.4	0.0	0.0#

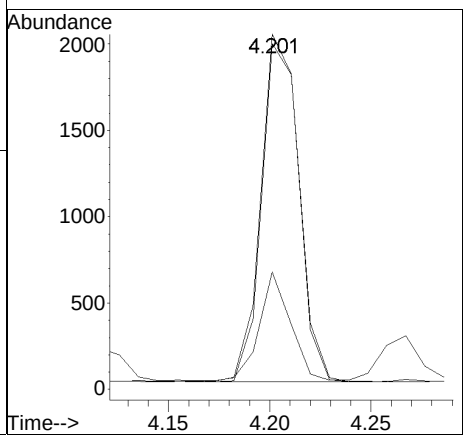


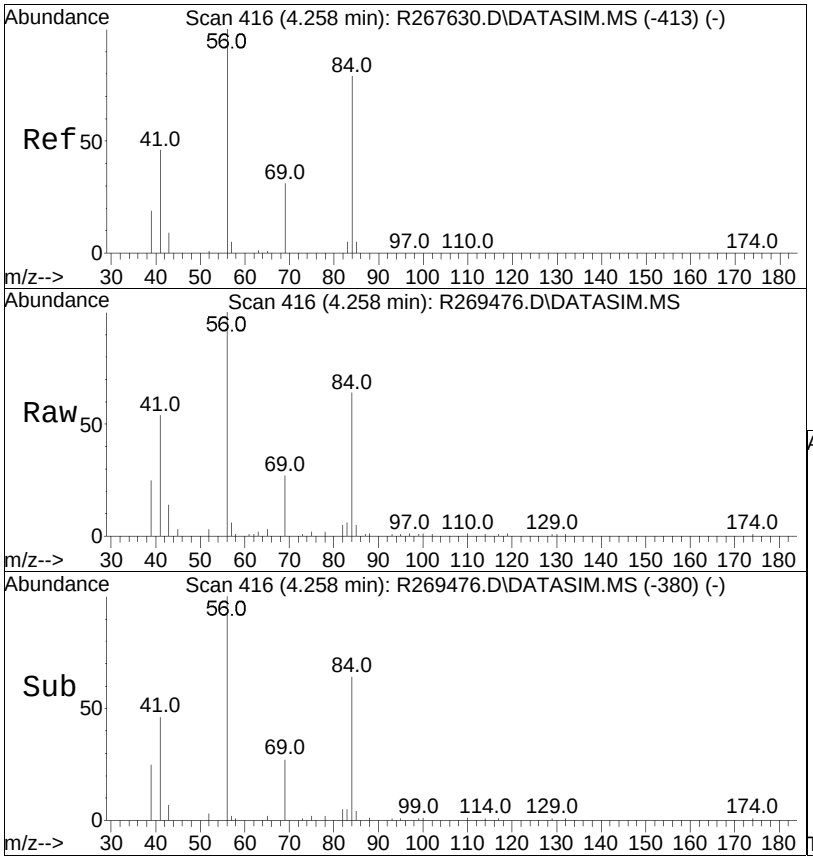


#38
carbon tetrachloride
Concen: 0.07 ppbV
RT: 4.201 min Scan# 410
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:117 Resp: 2586

Ion	Ratio	Lower	Upper
117	100		
119	98.6	0.0	0.0#
82	23.1	2.7	4.1#

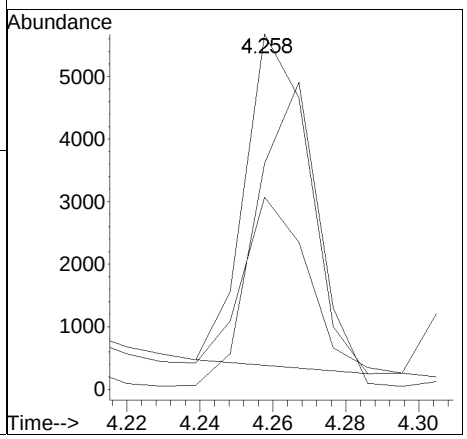


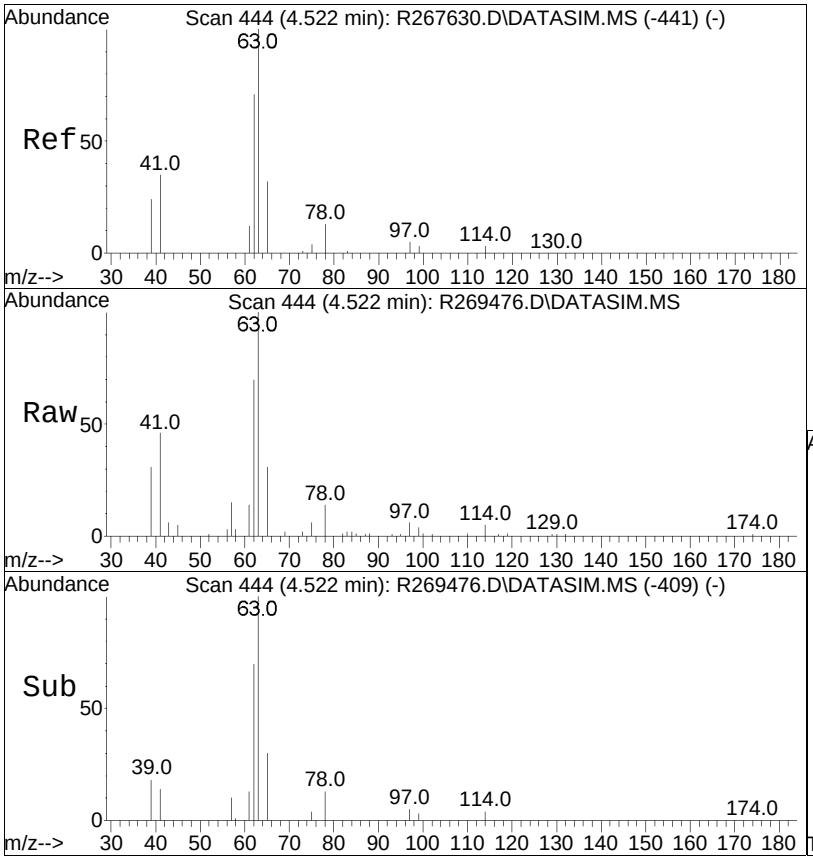


#39
cyclohexane
Concen: 0.25 ppbV
RT: 4.258 min Scan# 416
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 56 Resp: 6418

Ion	Ratio	Lower	Upper
56	100		
84	104.0	2.6	3.8#
41	51.2	0.1	0.1#

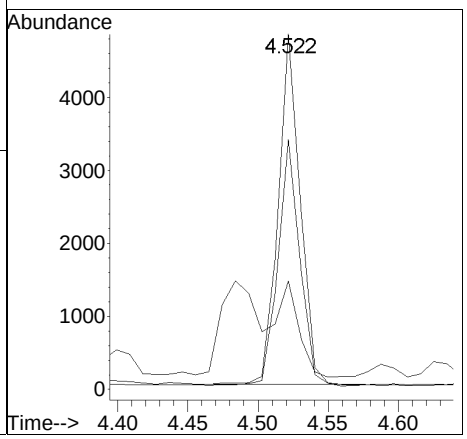


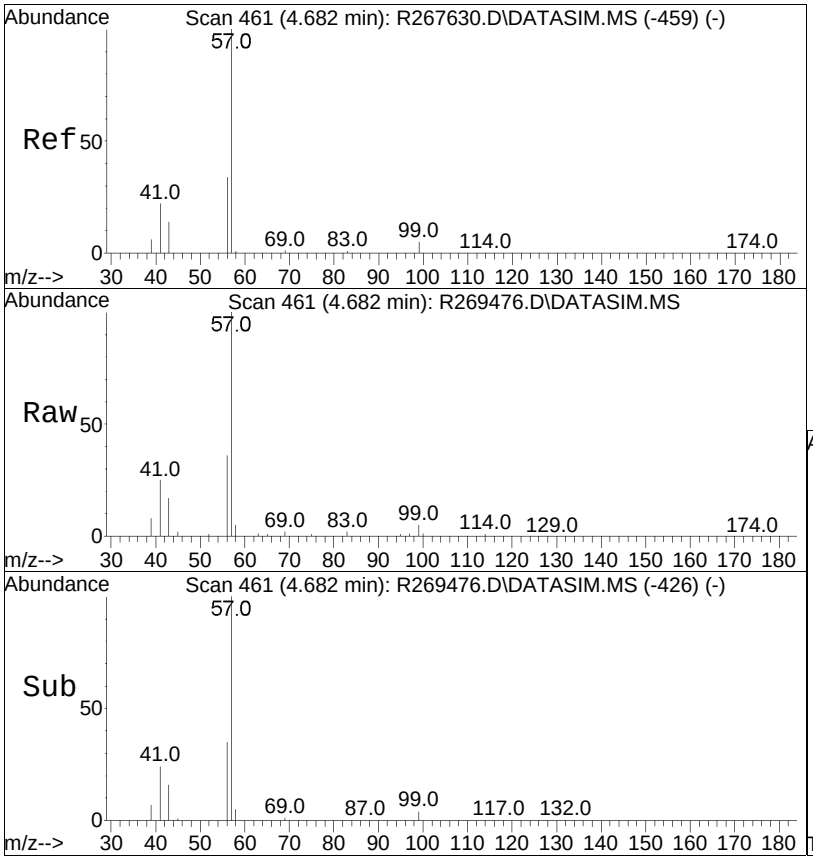


#41
1,2-dichloropropane
Concen: 0.24 ppbV
RT: 4.522 min Scan# 444
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 63 Resp: 5224

Ion	Ratio	Lower	Upper
63	100		
62	69.9	14.3	21.5#
39	72.0	4.9	7.3#

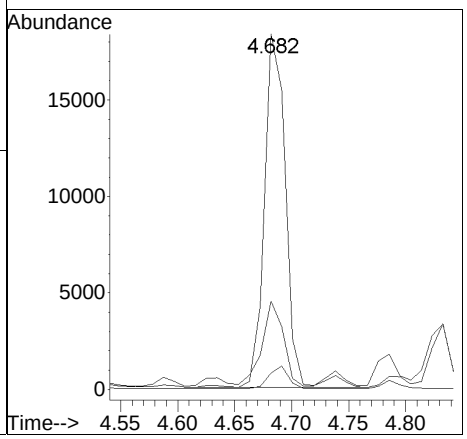


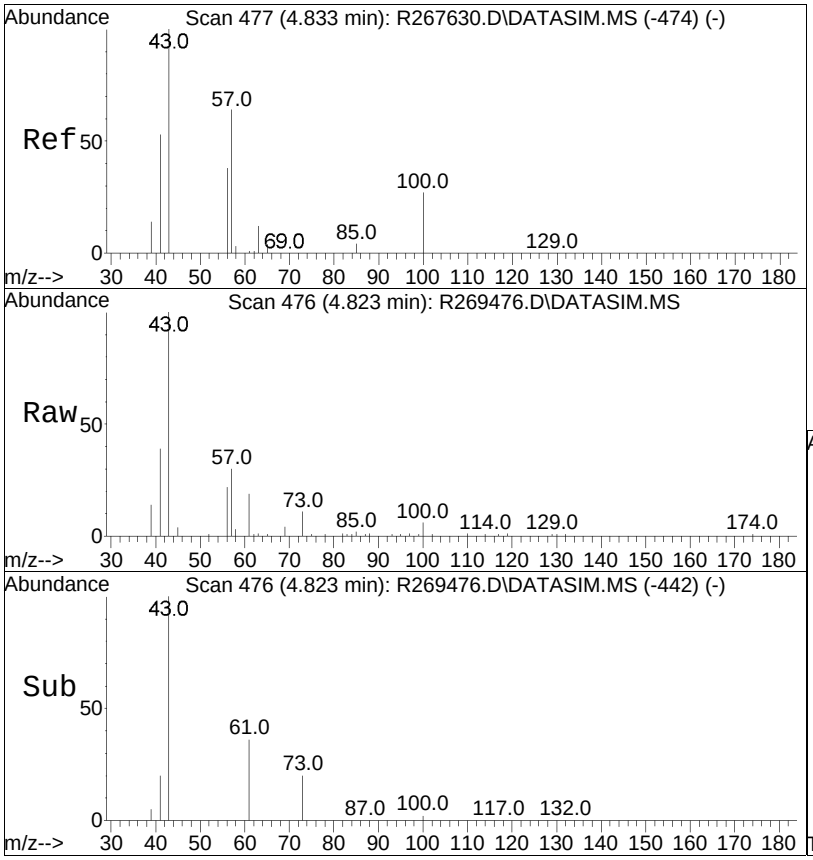


#45
2,2,4-trimethylpentane
Concen: 0.31 ppbV
RT: 4.682 min Scan# 461
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 57 Resp: 24024

Ion	Ratio	Lower	Upper
57	100		
99	5.8	0.0	0.0#
41	24.8	5.2	7.8#

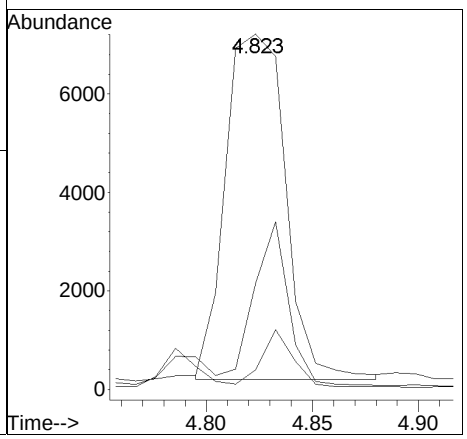


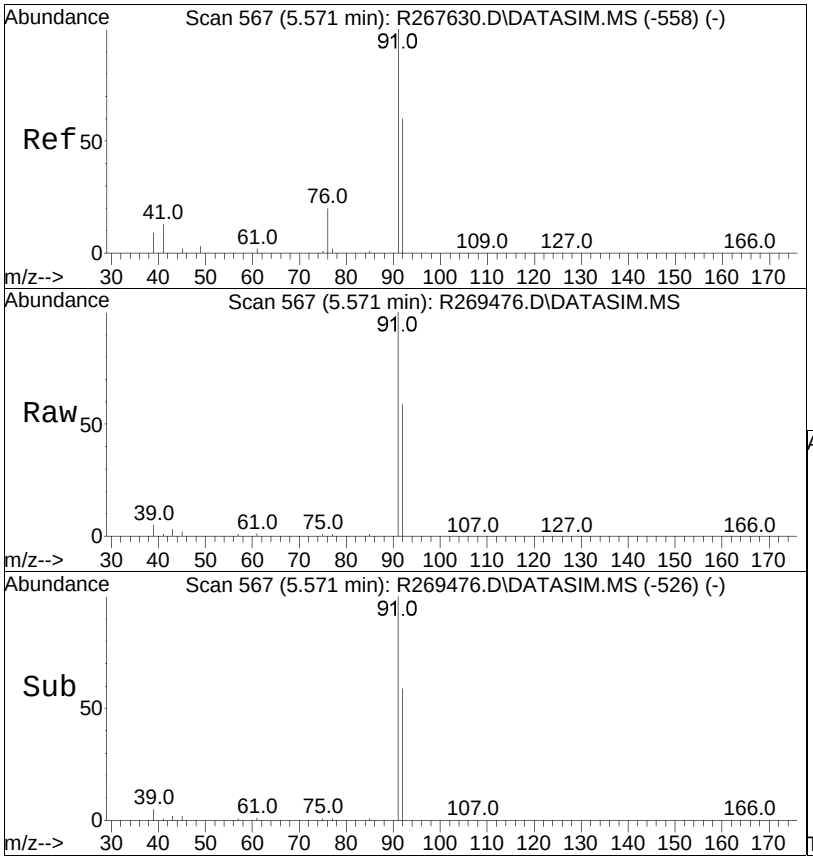


#46
heptane
Concen: 0.53 ppbV m
RT: 4.823 min Scan# 476
Delta R.T. -0.009 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 43 Resp: 13787

Ion	Ratio	Lower	Upper
43	100		
57	33.3	3.0	4.6#
100	15.4	0.1	0.1#

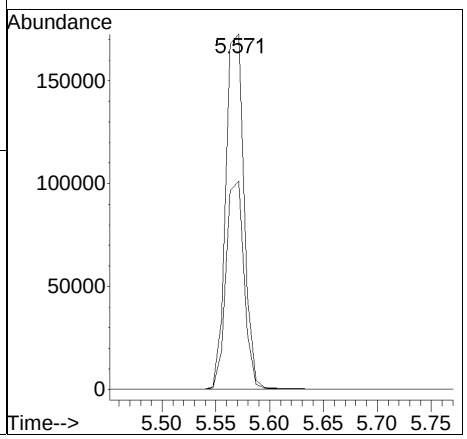


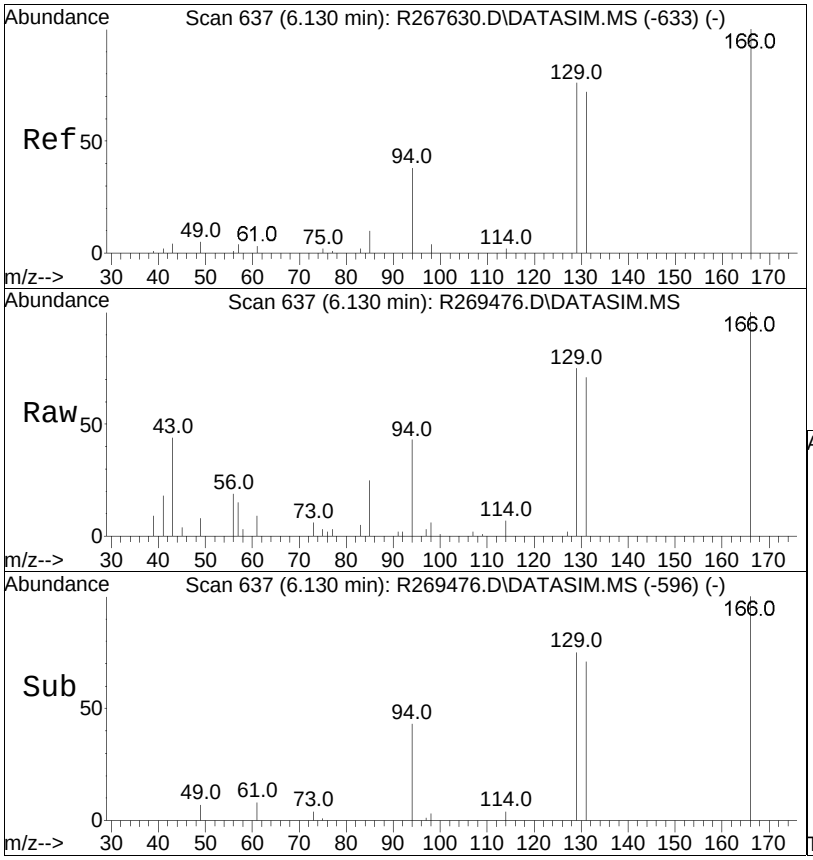


#52
toluene
Concen: 2.64 ppbV
RT: 5.571 min Scan# 567
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 204927

Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.5	71.3

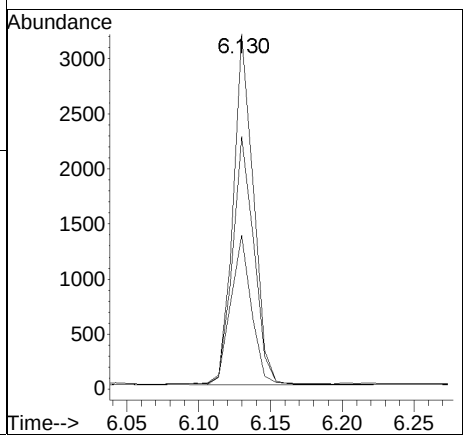


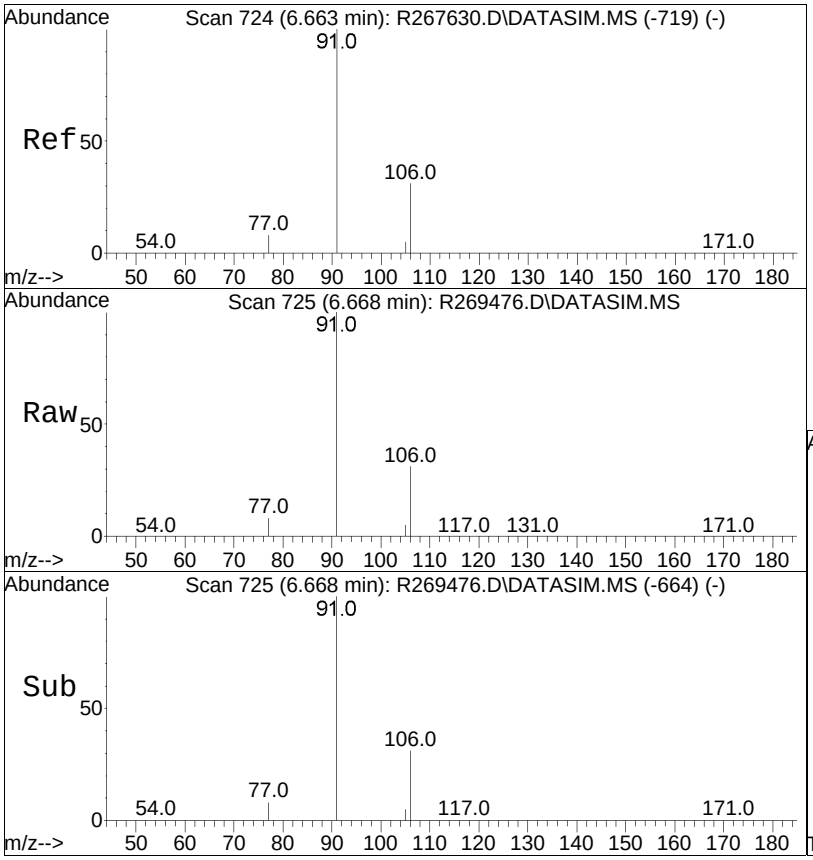


#57
tetrachloroethene
Concen: 0.09 ppbV
RT: 6.130 min Scan# 637
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:166 Resp: 3138

Ion	Ratio	Lower	Upper
166	100		
131	75.6	57.7	86.5
94	43.1	31.4	47.0

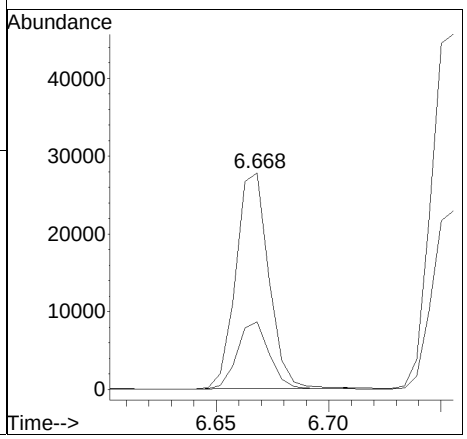


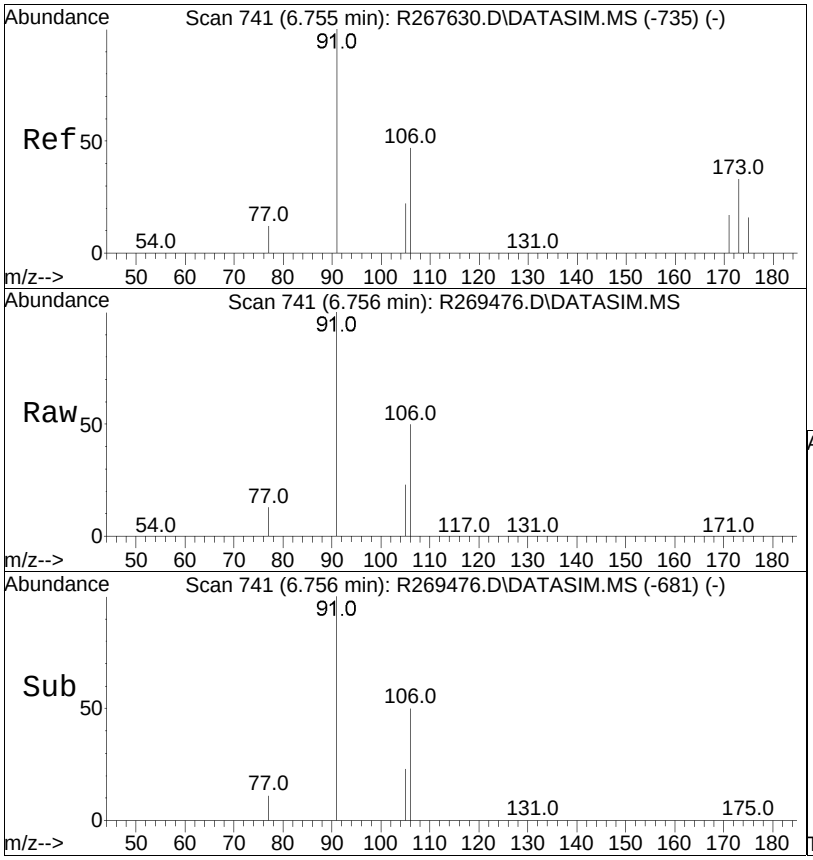


#60
ethylbenzene
Concen: 0.28 ppbV
RT: 6.668 min Scan# 725
Delta R.T. 0.005 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 28279

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.4	38.2

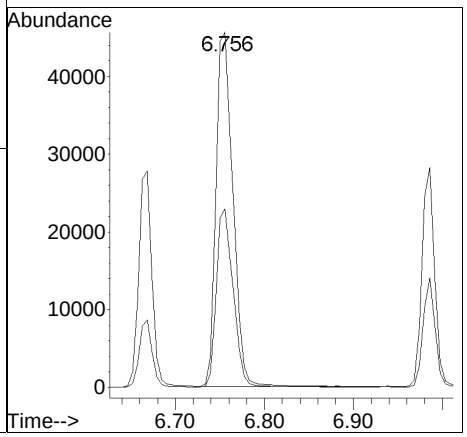


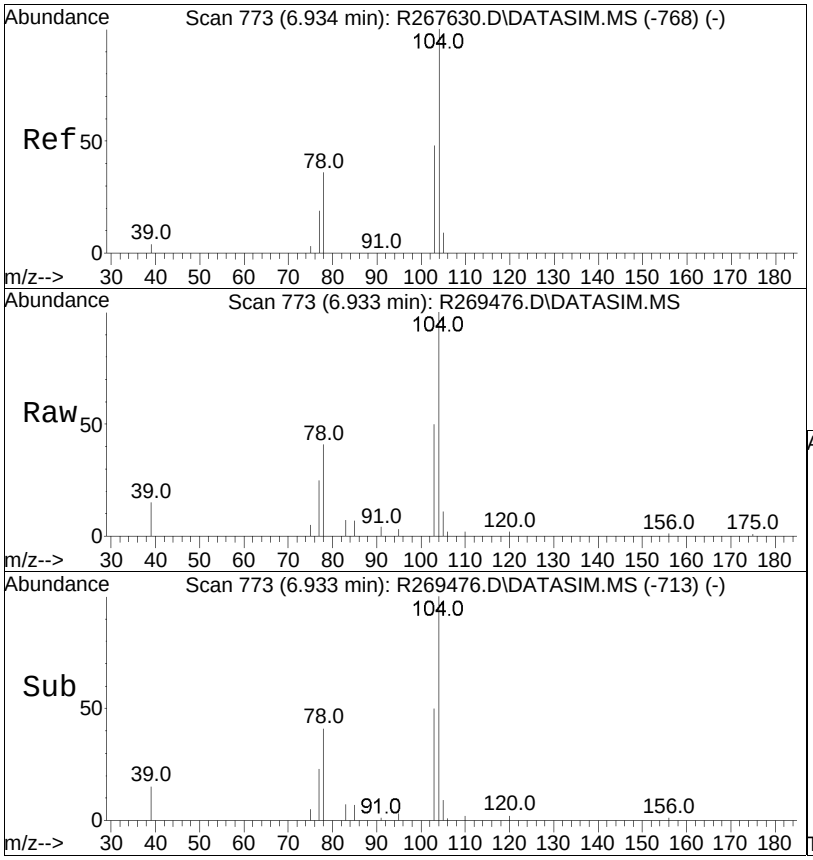


#61
m+p-xylene
Concen: 0.78 ppbV
RT: 6.756 min Scan# 741
Delta R.T. 0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 61037

Ion	Ratio	Lower	Upper
91	100		
106	49.3	38.7	58.1

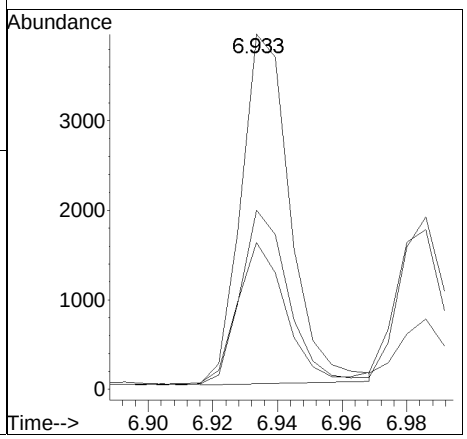


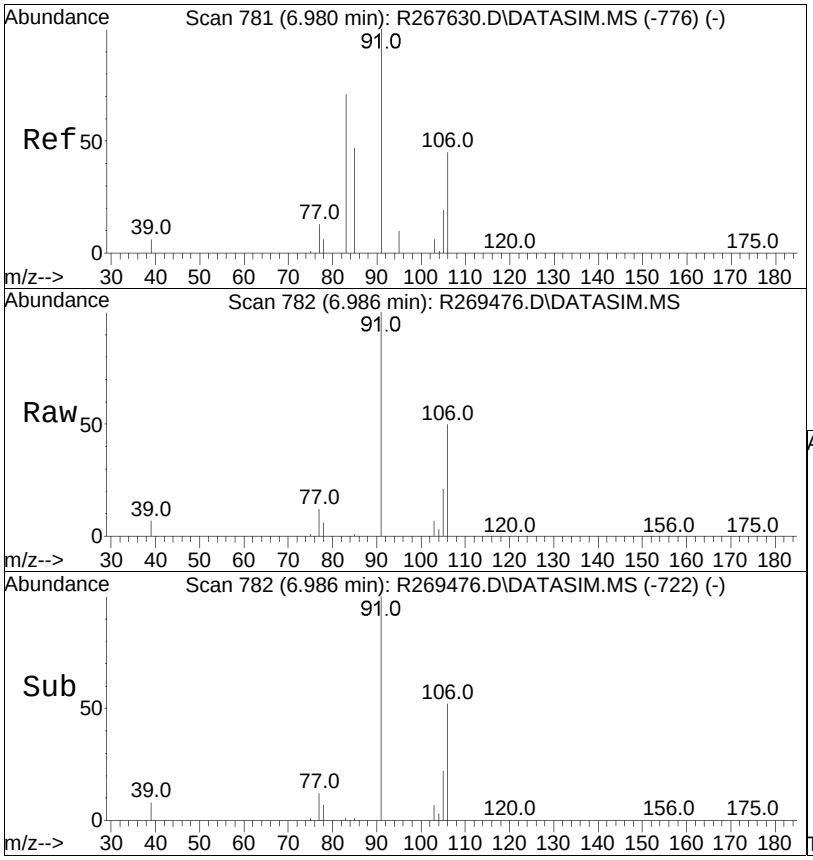


#63
styrene
Concen: 0.07 ppbV m
RT: 6.933 min Scan# 773
Delta R.T. -0.000 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:104 Resp: 4144

Ion	Ratio	Lower	Upper
104	100		
103	47.6	38.4	57.6
78	38.6	31.4	47.0

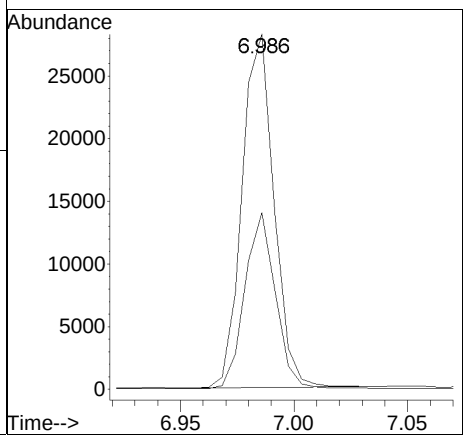


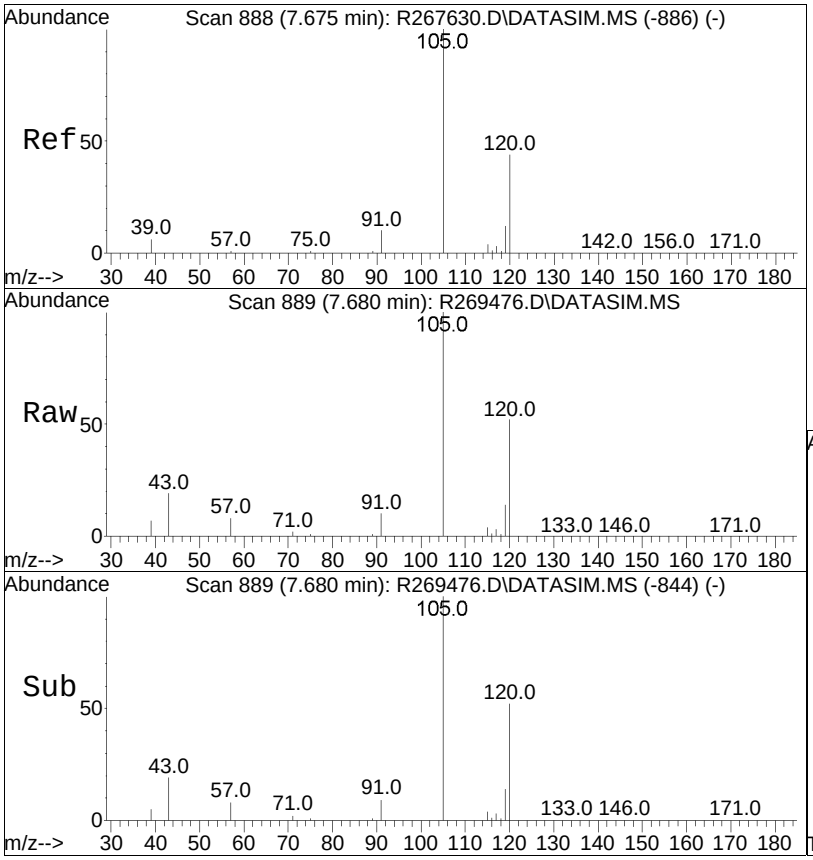


#65
o-xylene
Concen: 0.36 ppbV
RT: 6.986 min Scan# 782
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion: 91 Resp: 27526

Ion	Ratio	Lower	Upper
91	100		
106	48.0	38.7	58.1

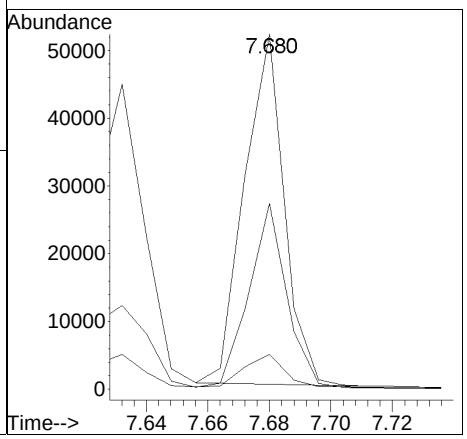


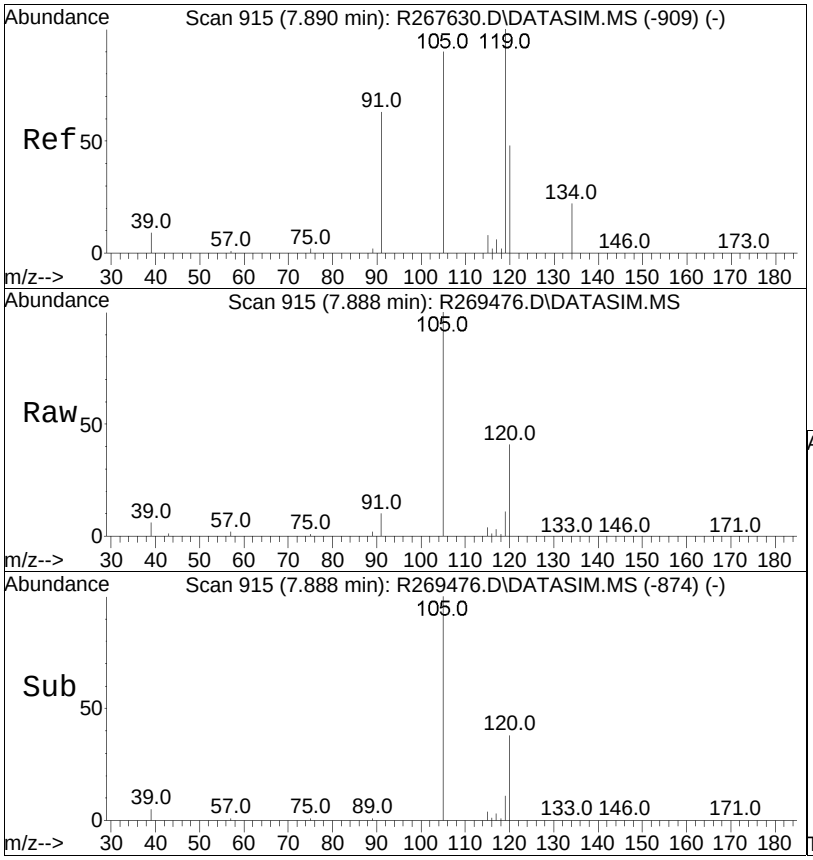


#71
1,3,5-trimethylbenzene
Concen: 0.55 ppbV
RT: 7.680 min Scan# 889
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:105 Resp: 46176

Ion	Ratio	Lower	Upper
105	100		
120	50.1	70.2	105.2#
91	9.8	7.6	11.4

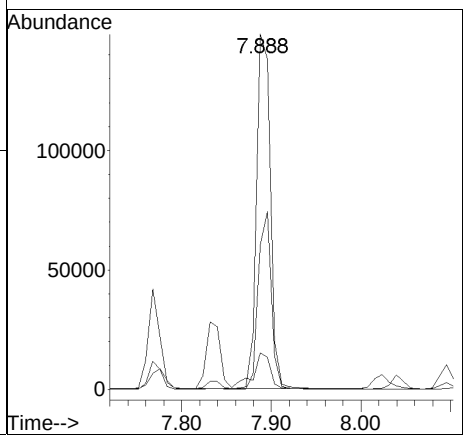


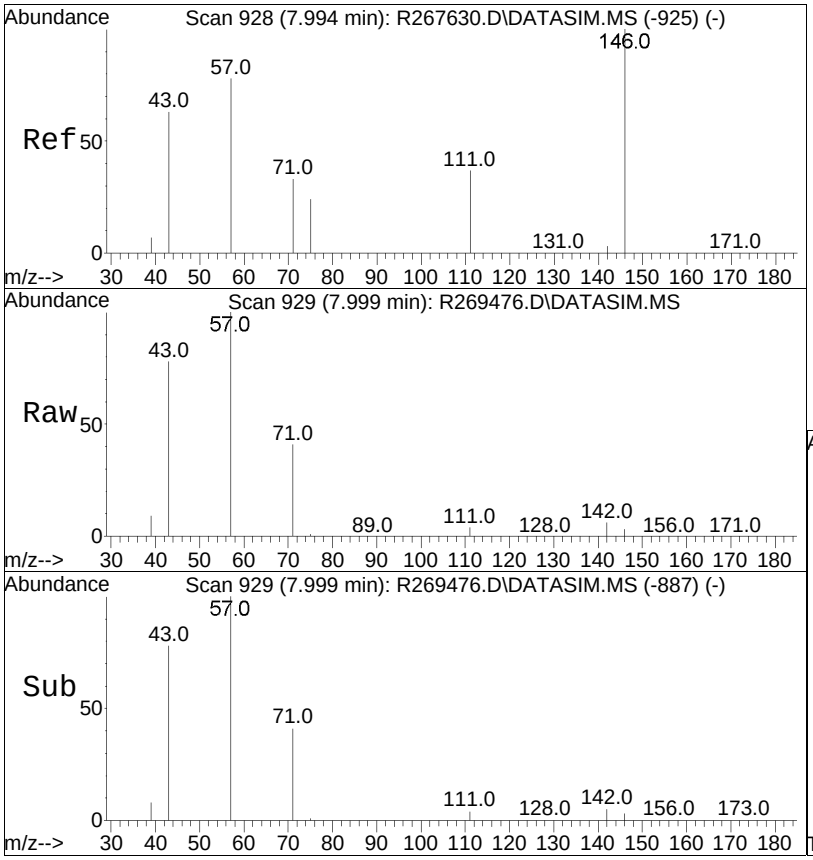


#73
1,2,4-trimethylbenzene
Concen: 1.88 ppbV
RT: 7.888 min Scan# 915
Delta R.T. -0.002 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:105 Resp: 163650

Ion	Ratio	Lower	Upper
105	100		
120	46.3	45.0	67.4
91	8.4	58.2	87.2#

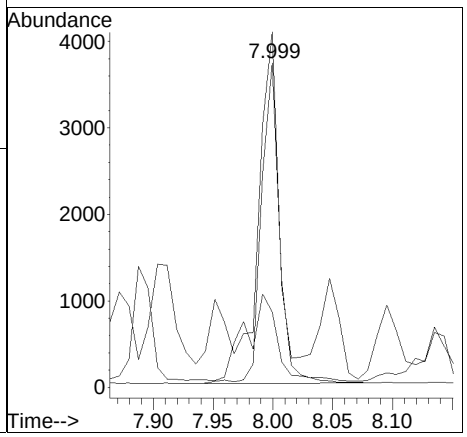


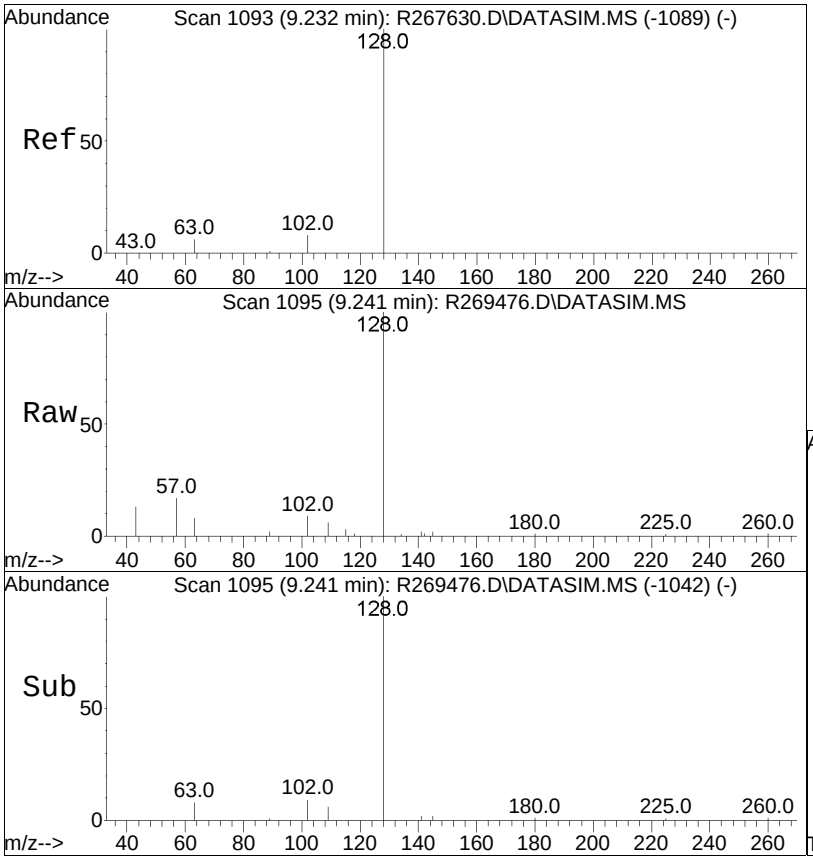


#76
1,4-dichlorobenzene
Concen: 0.06 ppbV
RT: 7.999 min Scan# 929
Delta R.T. 0.006 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:146 Resp: 3885

Ion	Ratio	Lower	Upper
146	100		
111	114.4	62.0	93.0#
75	45.6	42.3	63.5

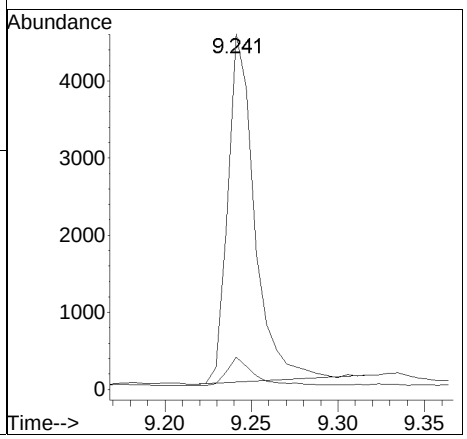




#83
naphthalene
Concen: 0.03 ppbV
RT: 9.241 min Scan# 1095
Delta R.T. 0.009 min
Lab File: R269476.D
Acq: 28 Mar 2026 10:47 pm

Tgt Ion:128 Resp: 4857

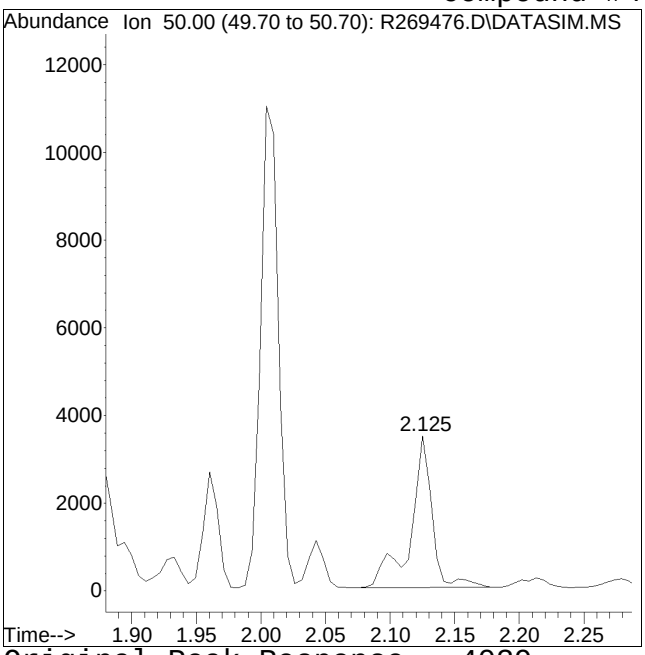
Ion	Ratio	Lower	Upper
128	100		
102	7.9	7.5	11.3



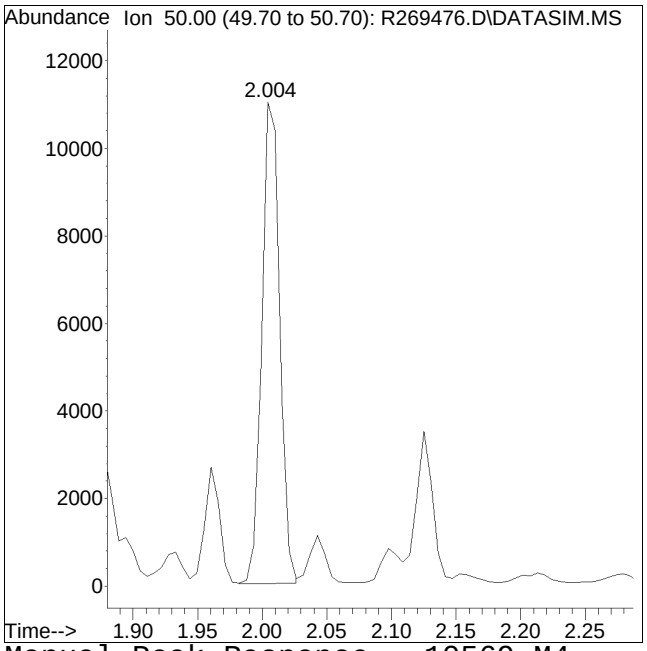
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #4: chloromethane



Original Peak Response = 4039



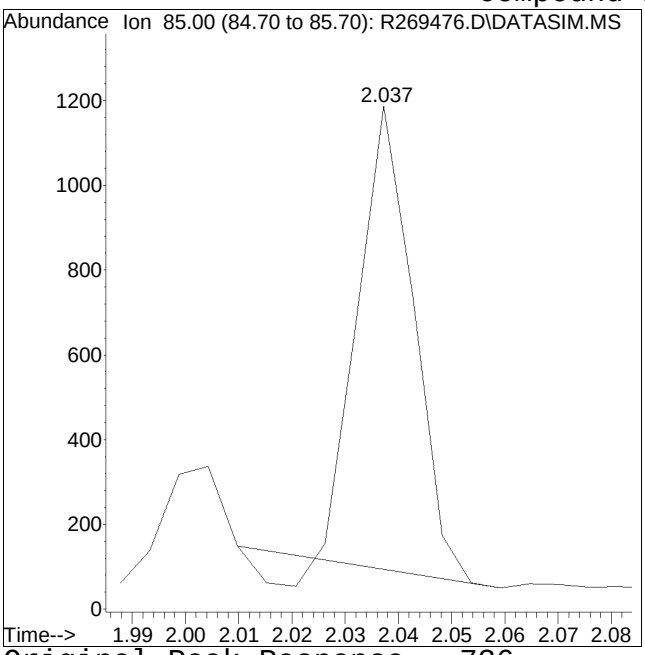
Manual Peak Response = 10569 M4

M4 = Poor automated baseline construction.

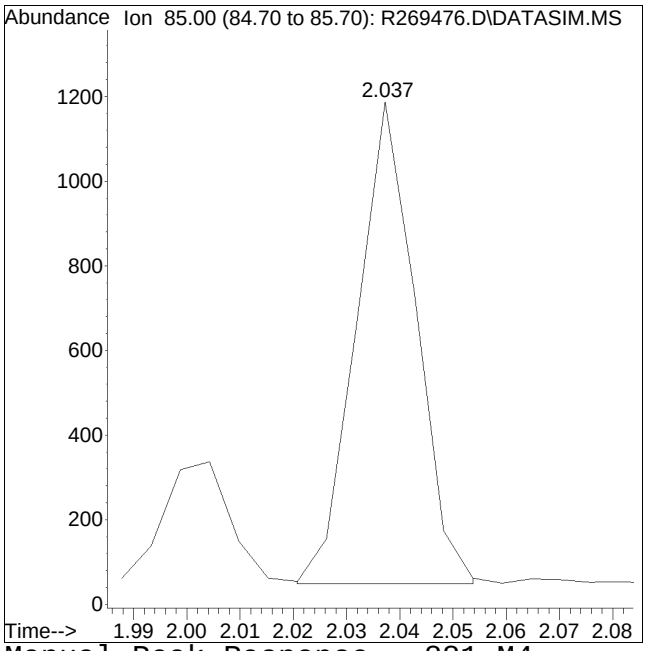
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #5: Freon-114



Original Peak Response = 736



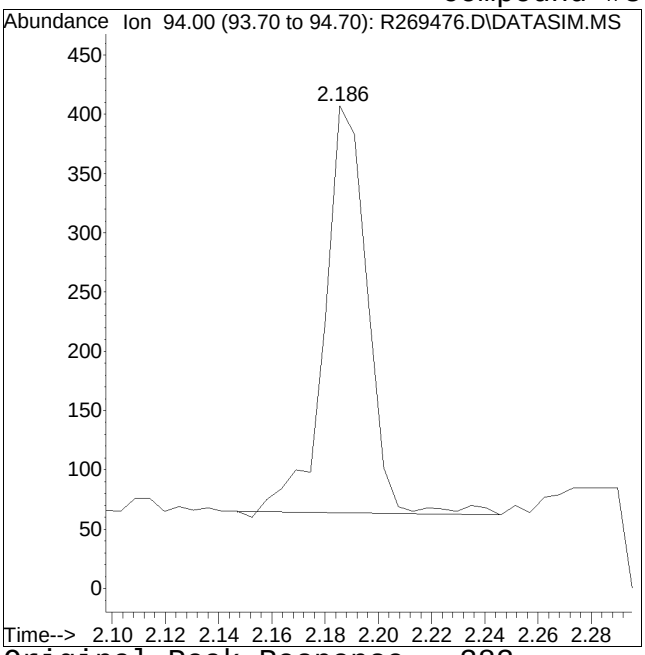
Manual Peak Response = 881 M4

M4 = Poor automated baseline construction.

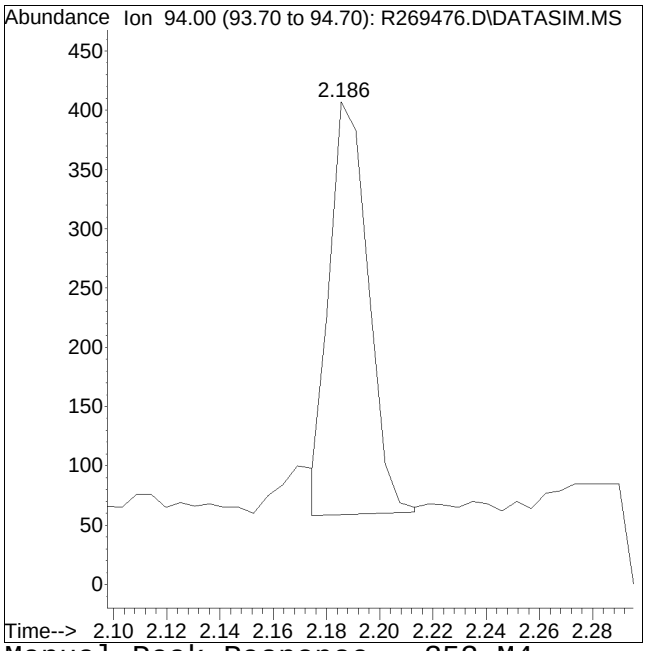
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #8: bromomethane



Original Peak Response = 383



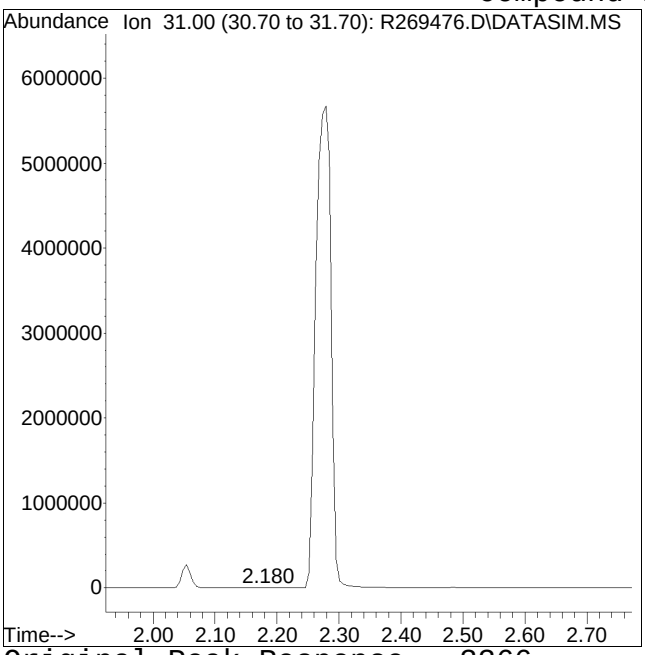
Manual Peak Response = 353 M4

M4 = Poor automated baseline construction.

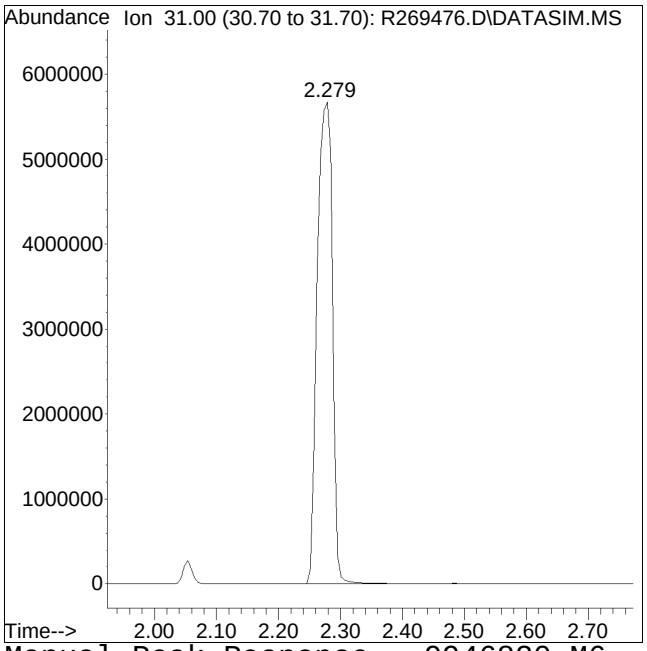
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #10: ethanol



Original Peak Response = 3366



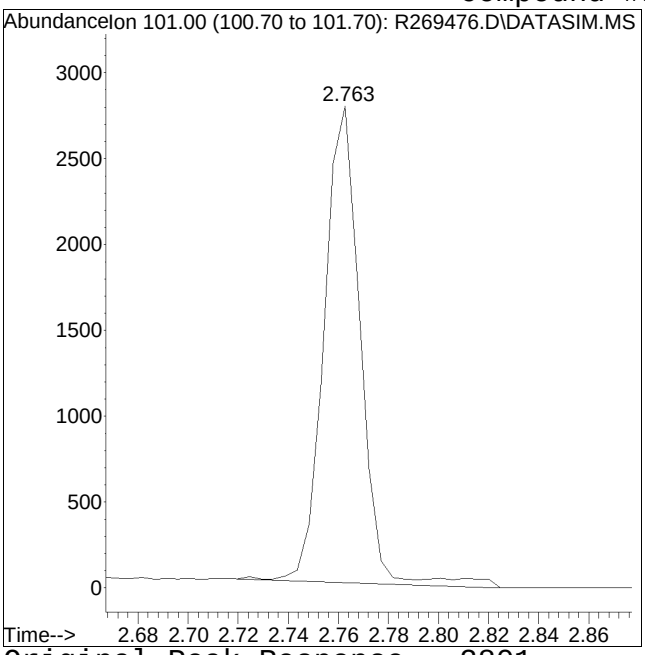
Manual Peak Response = 9946820 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

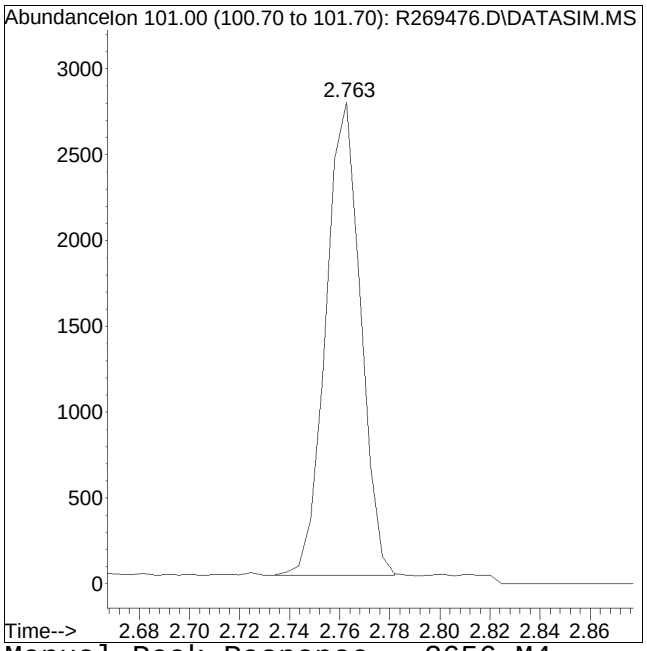
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #22: Freon 113



Original Peak Response = 2801



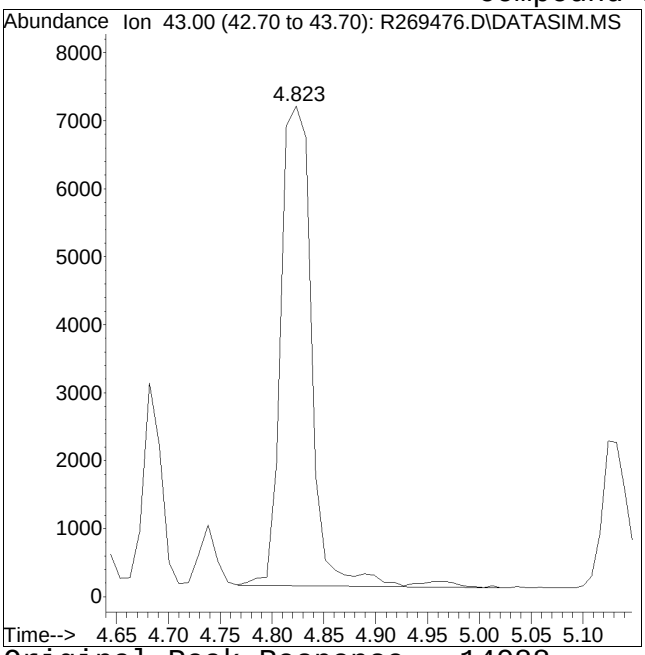
Manual Peak Response = 2656 M4

M4 = Poor automated baseline construction.

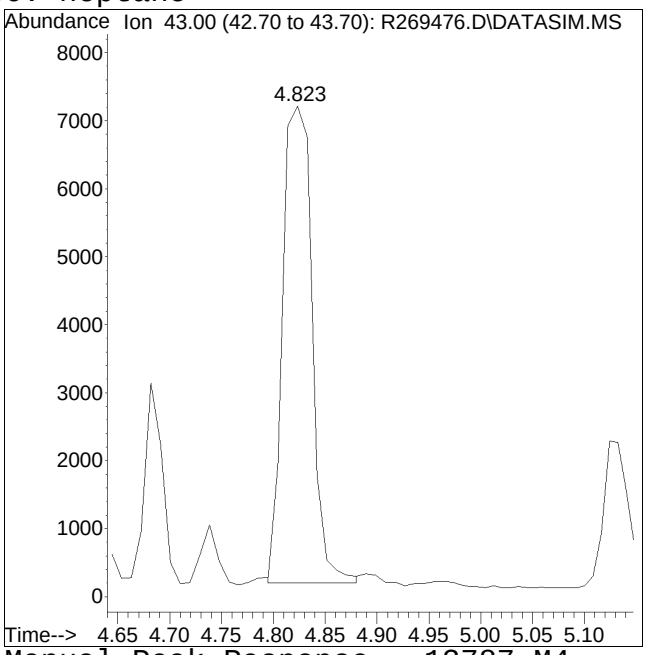
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #46: heptane



Original Peak Response = 14088



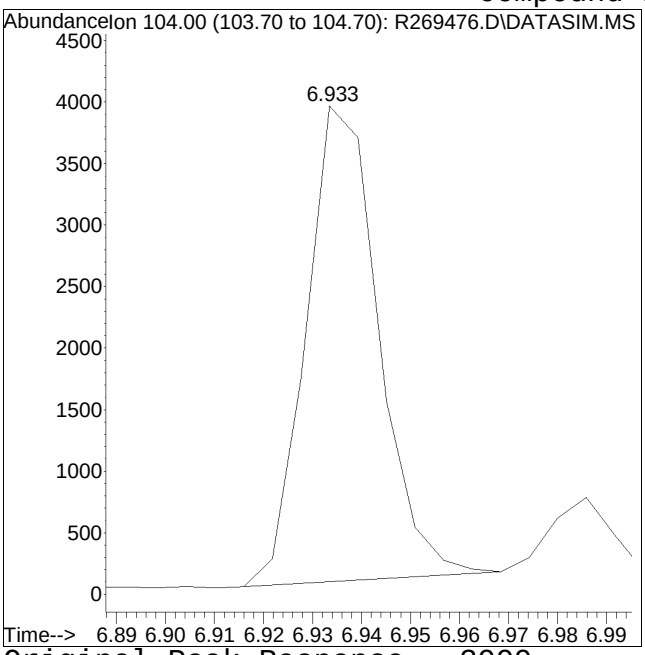
Manual Peak Response = 13787 M4

M4 = Poor automated baseline construction.

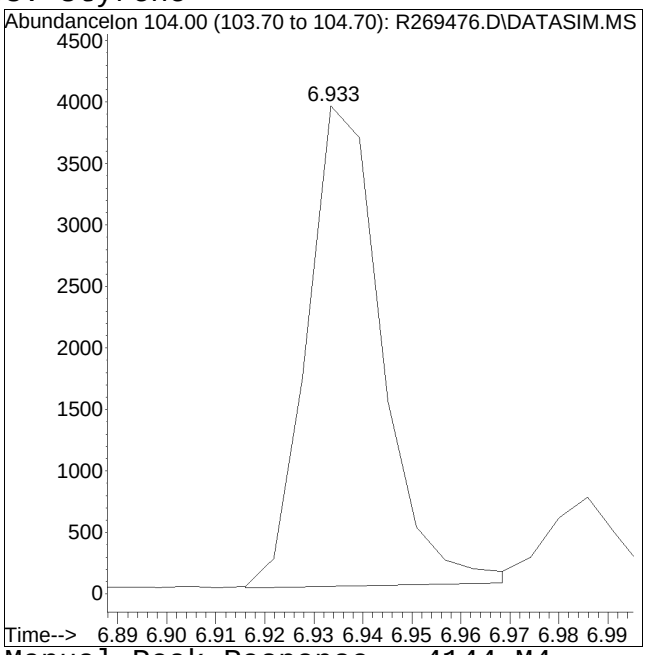
Manual Integration Report

Data Path : X:\Airlab\Data\Airlab26\20QMethod : TSIM26_260107.M
Data File : R269476.D Operator : AIRLAB26:SL
Date Inj'd : 3/28/2026 10:47 pm Instrument : Airlab26
Sample : WG2190907-5,3,250,250 Quant Date : 3/29/2026 9:28 am

Compound #63: styrene



Original Peak Response = 3999



Manual Peak Response = 4144 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560064_Ev2.D
Acq On : 30 Mar 2026 4:08 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-5D,3,20.44,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 09:37:17 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.217	49	384711	10.000	ppbV	-0.05
Standard Area = 378066			Recovery = 101.76%			
34) 1,4-difluorobenzene	11.457	114	941635	10.000	ppbV	-0.04
Standard Area = 967593			Recovery = 97.32%			
52) chlorobenzene-D5	16.125	54	160903	10.000	ppbV	-0.03
Standard Area = 162492			Recovery = 99.02%			
System Monitoring Compounds						
Target Compounds						Qvalue
4) dichlorodifluoromethane	4.114	85	2435	0.051	ppbV	94
5) chloromethane	0.000		0	N.D.	d	
6) Freon-114	4.384		0	N.D.		
7) vinyl chloride	4.510	62	519	0.021	ppbV #	81
9) bromomethane	0.000		0	N.D.		
10) chloroethane	5.134		0	N.D.		
11) ethanol	5.278	31	11252	0.664	ppbV	100
15) trichlorofluoromethane	5.973	101	130198	3.325	ppbV	97
18) 1,1-dichloroethene	0.000		0	N.D.		
19) tertiary butyl alcohol	6.750	59	5515	0.114	ppbV #	91
20) methylene chloride	6.810	49	957	0.029	ppbV	97
23) Freon 113	7.116		0	N.D.		
24) trans-1,2-dichloroethene	7.867		0	N.D.		
25) 1,1-dichloroethane	0.000		0	N.D.		
26) MTBE	8.133		0	N.D.		
28) 2-butanone	8.550	43	36803	0.694	ppbV	99
29) cis-1,2-dichloroethene	9.042	61	2509	0.070	ppbV	95
31) chloroform	9.375	83	1836	0.037	ppbV #	92
33) 1,2-dichloroethane	10.225		0	N.D.		
35) hexane	9.292	57	7823	0.176	ppbV #	15
37) 1,1,1-trichloroethane	10.500		0	N.D.		
38) benzene	11.037	78	4828	0.053	ppbV	96
39) carbon tetrachloride	11.203		0	N.D.		
40) cyclohexane	11.350	56	1396	0.029	ppbV #	89
42) 1,2-dichloropropane	0.000		0	N.D.		
43) bromodichloromethane	12.203		0	N.D.		
44) 1,4-dioxane	0.000		0	N.D.		
45) trichloroethene	12.257	130	13585	0.373	ppbV	99
46) 2,2,4-trimethylpentane	0.000		0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560064_Ev2.D
Acq On : 30 Mar 2026 4:08 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-5D,3,20.44,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 09:37:17 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab15\2026\03\0329SIM\r1560051_Ev2.D
Sub List : 1,,,NYDEC-SIM - .

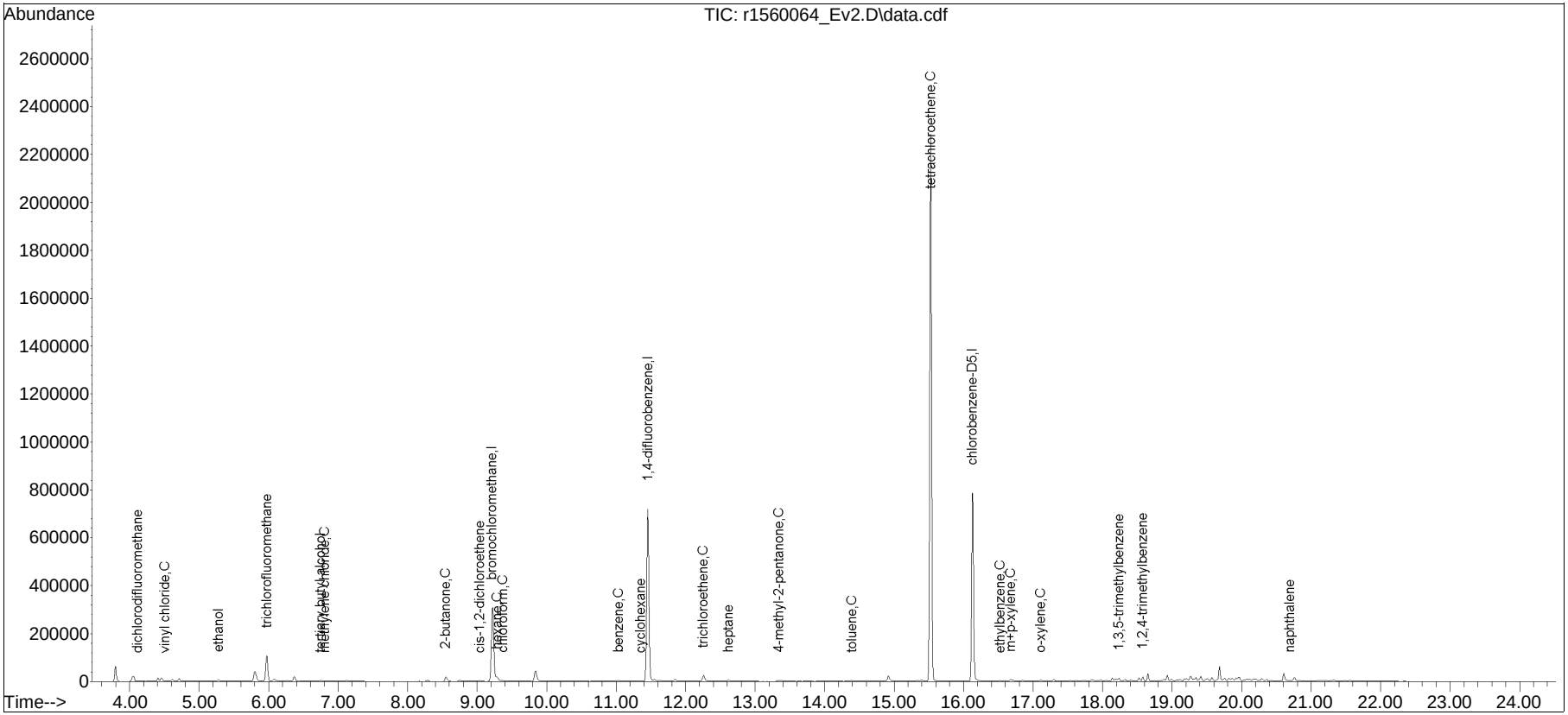
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) heptane	12.617	43	3342	0.067	ppbV		94
48) cis-1,3-dichloropropene	0.000		0	N.D.			
49) 4-methyl-2-pentanone	13.342	43	5115	0.091	ppbV		91
50) trans-1,3-dichloropropene	0.000		0	N.D.			
51) 1,1,2-trichloroethane	14.158		0	N.D.			
53) toluene	14.392	91	4648	0.048	ppbV		97
56) dibromochloromethane	0.000		0	N.D.			
57) 1,2-dibromoethane	0.000		0	N.D.			
58) tetrachloroethene	15.525	166	1277044	33.212	ppbV		98
60) chlorobenzene	16.192		0	N.D.			
61) ethylbenzene	16.525	91	2660	0.022	ppbV		99
62) m+p-xylene	16.675	91	7093	0.073	ppbV		98
63) bromoform	0.000		0	N.D.			
64) styrene	17.017		0	N.D.			
65) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		d	
66) o-xylene	17.108	91	3719	0.038	ppbV		96
72) 1,3,5-trimethylbenzene	18.233	105	4671	0.043	ppbV	#	93
74) 1,2,4-trimethylbenzene	18.575	105	14904	0.139	ppbV	#	52
75) Benzyl Chloride	0.000		0	N.D.		d	
76) 1,3-dichlorobenzene	18.725		0	N.D.			
77) 1,4-dichlorobenzene	18.775		0	N.D.			
81) 1,2-dichlorobenzene	19.058		0	N.D.			
84) 1,2,4-trichlorobenzene	20.575		0	N.D.			
85) naphthalene	20.692	128	2497	0.018	ppbV	#	85
87) hexachlorobutadiene	0.000		0	N.D.			

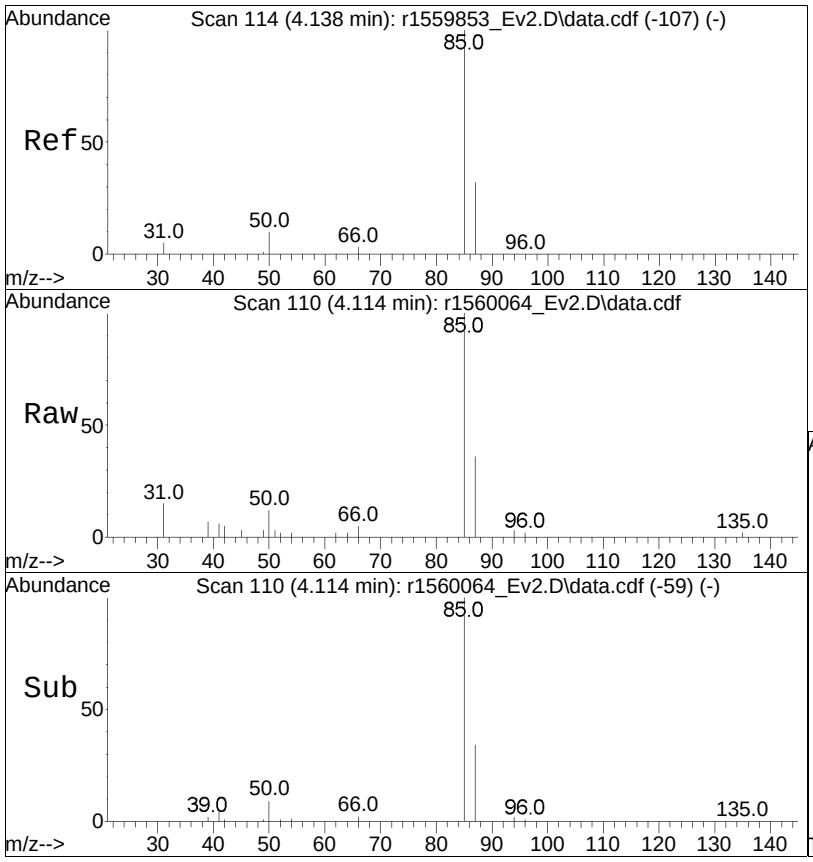
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 1,,,NYDEC-SIM - .rlab15\2026\03\0329SIM\r1560051_Ev2.D

Data Path : X:\Airlab\Data\Airlab15\2026\03\0329SIM\
Data File : r1560064_Ev2.D
Acq On : 30 Mar 2026 4:08 AM
Operator : AIRLAB15:TPH
Sample : WG2191136-5D,3,20.44,250
Misc : WG2191136,ICAL23169
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 30 09:37:17 2026
Quant Method : X:\Airlab\Data\Airlab15\2026\03\0329SIM\TSIM15_260320.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Mar 23 14:34:08 2026
Response via : Initial Calibration

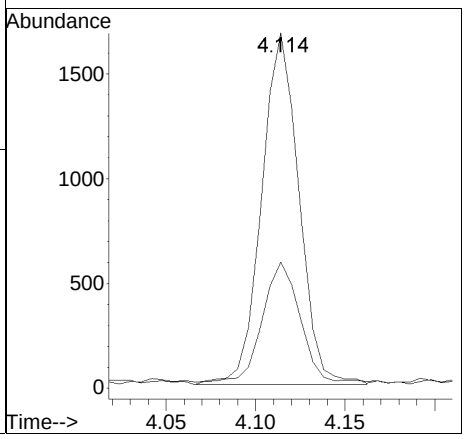


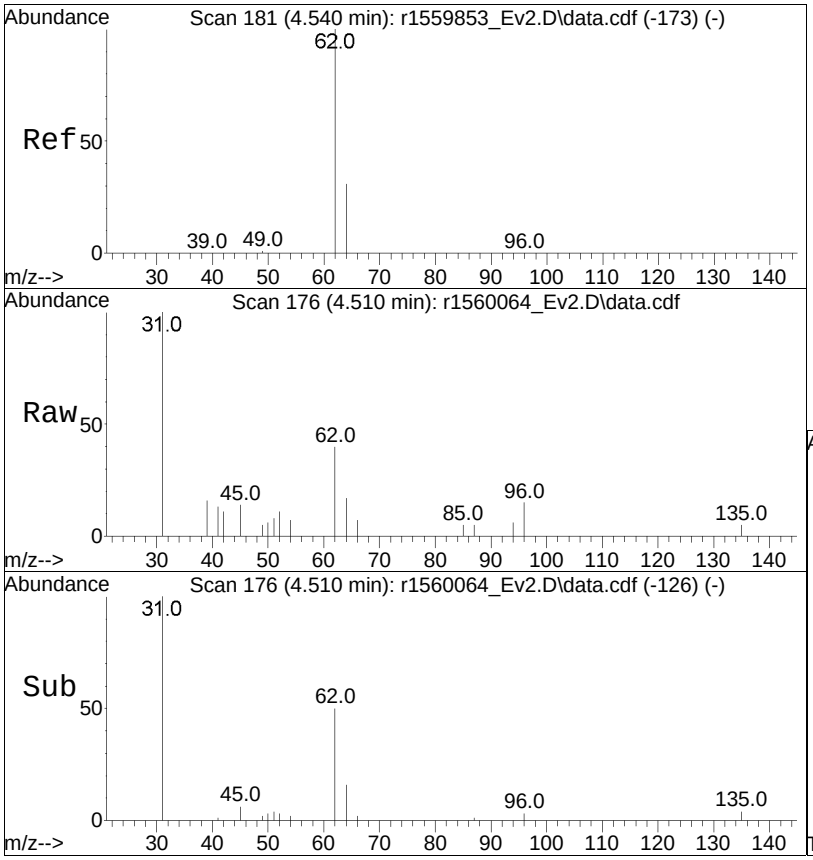


#4
dichlorodifluoromethane
Concen: 0.05 ppbV
RT: 4.114 min Scan# 110
Delta R.T. -0.024 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 85 Resp: 2435

Ion	Ratio	Lower	Upper
85	100		
87	35.5	25.8	38.6

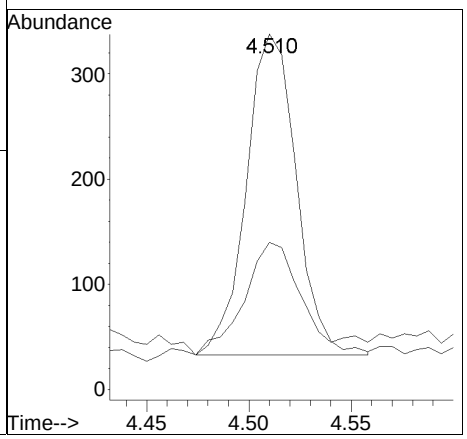


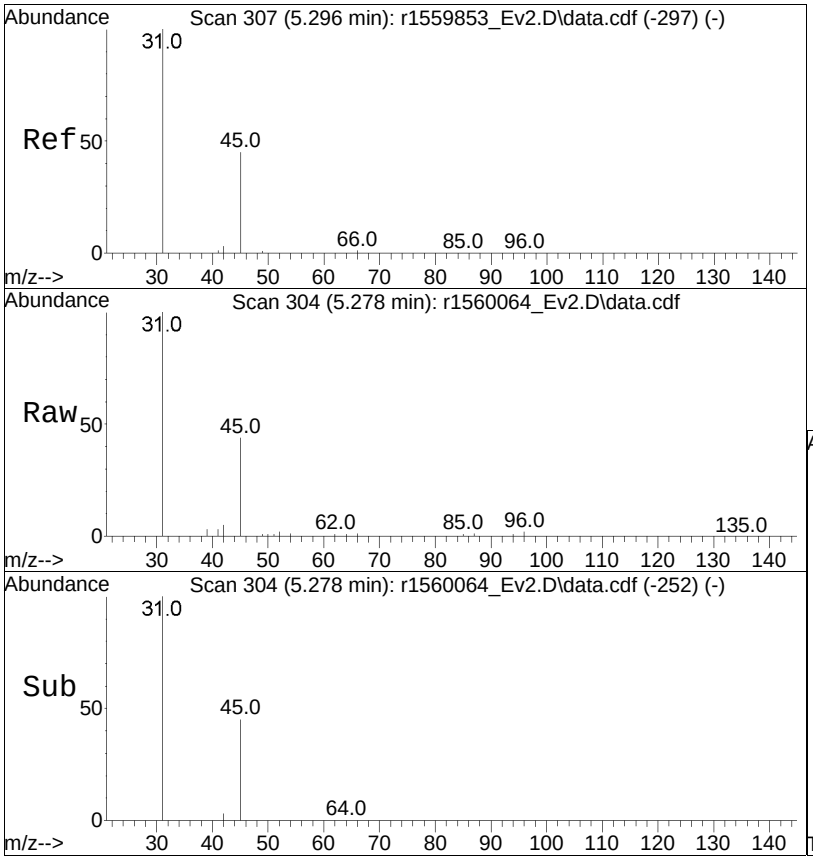


#7
vinyl chloride
Concen: 0.02 ppbV
RT: 4.510 min Scan# 176
Delta R.T. -0.030 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 62 Resp: 519

Ion	Ratio	Lower	Upper
62	100		
64	41.4	24.7	37.1#

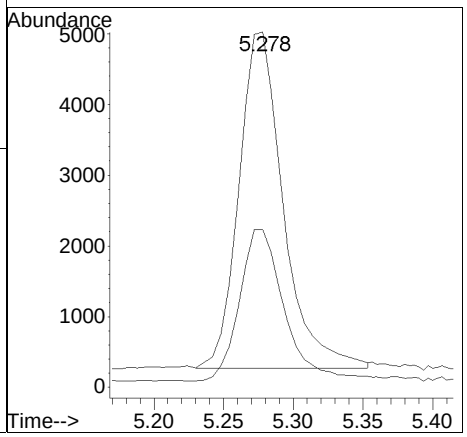


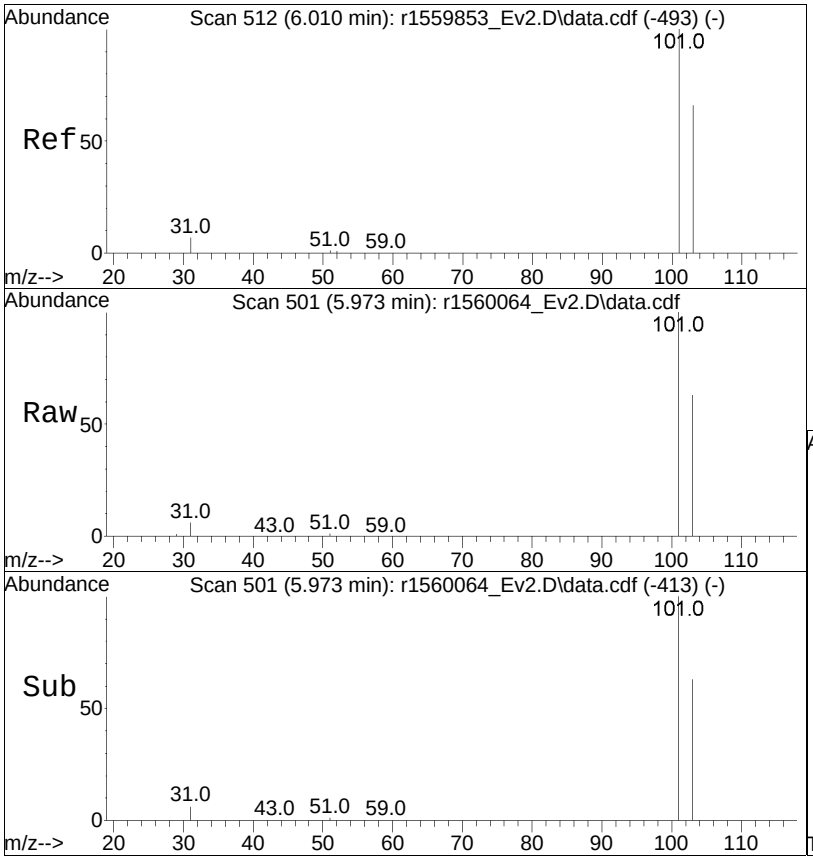


#11
ethanol
Concen: 0.66 ppbV
RT: 5.278 min Scan# 304
Delta R.T. -0.018 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 31 Resp: 11252

Ion	Ratio	Lower	Upper
31	100		
45	44.4	35.7	53.5

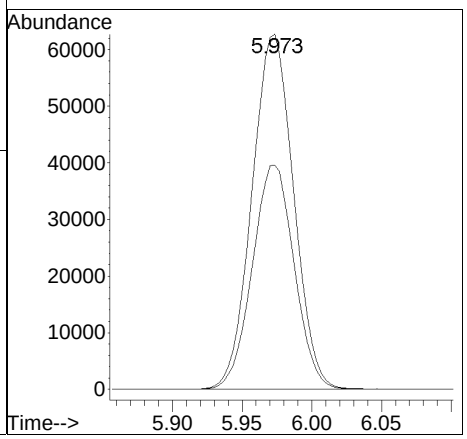


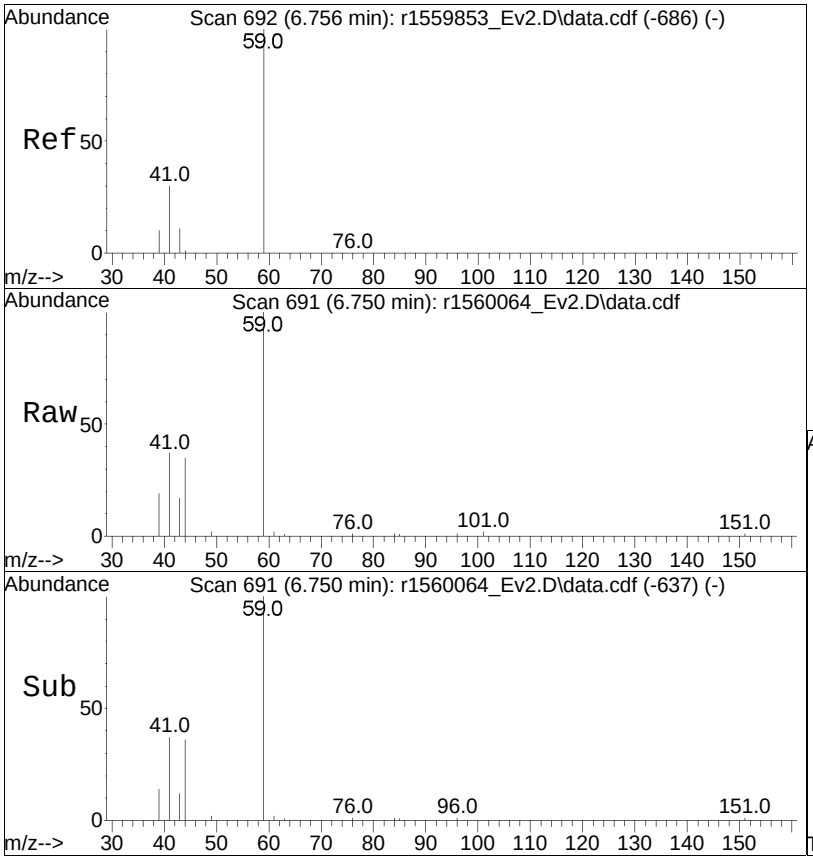


#15
trichlorofluoromethane
Concen: 3.32 ppbV
RT: 5.973 min Scan# 501
Delta R.T. -0.037 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion:101 Resp: 130198

Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.4	78.6

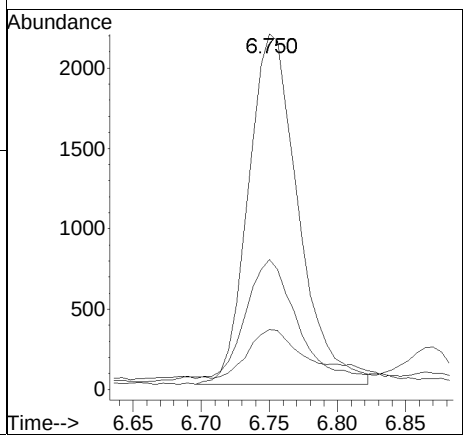


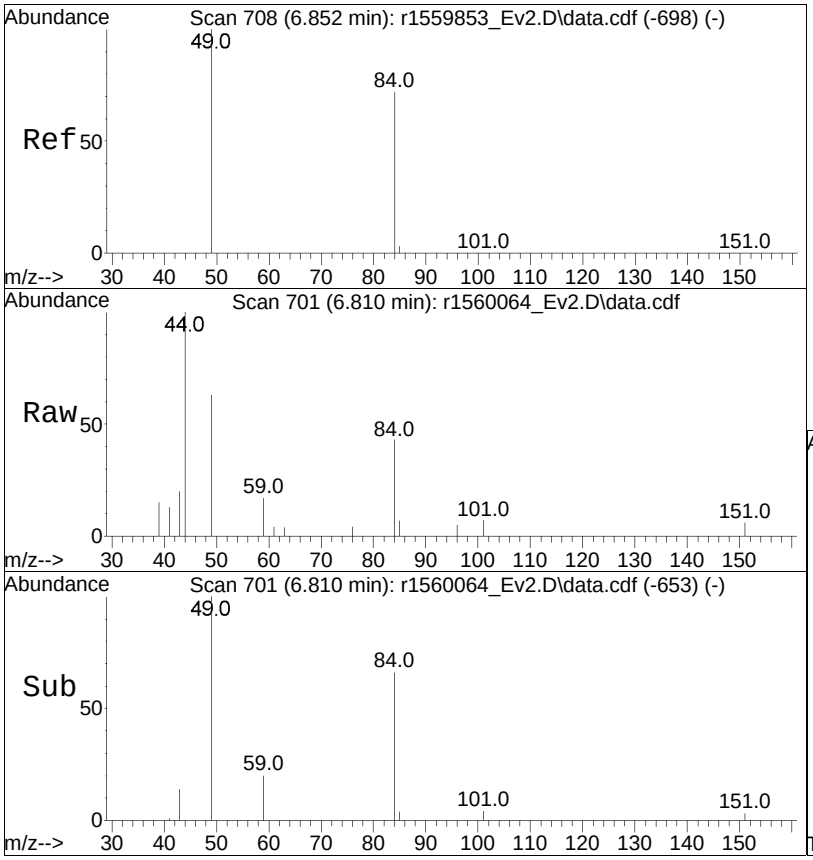


#19
tertiary butyl alcohol
Concen: 0.11 ppbV
RT: 6.750 min Scan# 691
Delta R.T. -0.006 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 59 Resp: 5515

Ion	Ratio	Lower	Upper
59	100		
41	35.0	23.9	35.9
43	14.5	8.6	13.0#

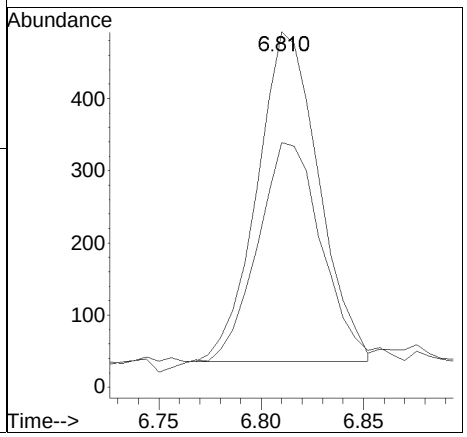


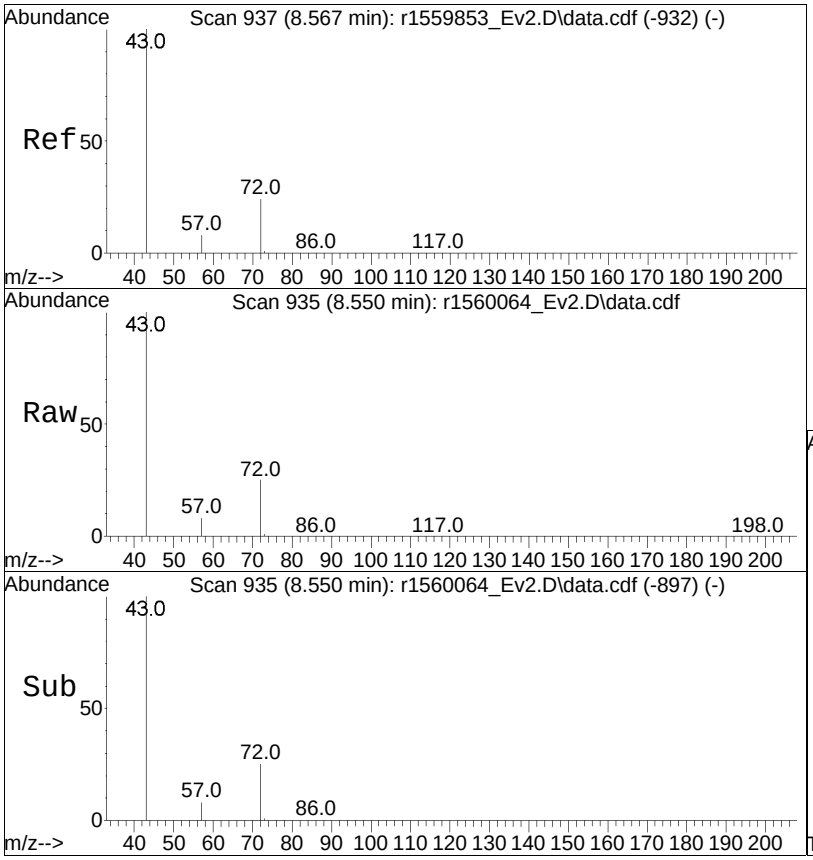


#20
methylene chloride
Concen: 0.03 ppbV
RT: 6.810 min Scan# 701
Delta R.T. -0.042 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 49 Resp: 957

Ion	Ratio	Lower	Upper
49	100		
84	68.9	57.4	86.2

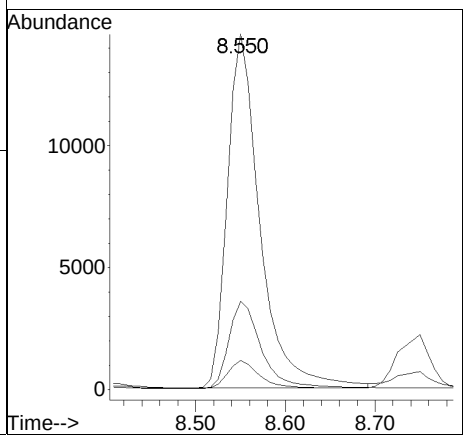


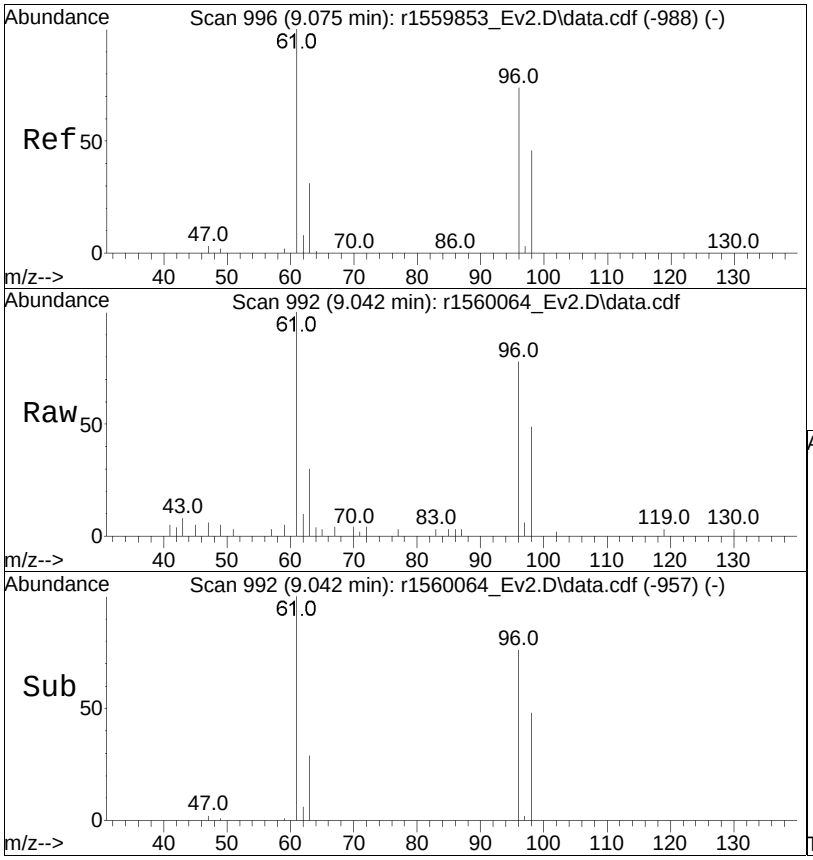


#28
2-butanone
Concen: 0.69 ppbV
RT: 8.550 min Scan# 935
Delta R.T. -0.017 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 43 Resp: 36803

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.4	29.2
57	8.2	6.5	9.7

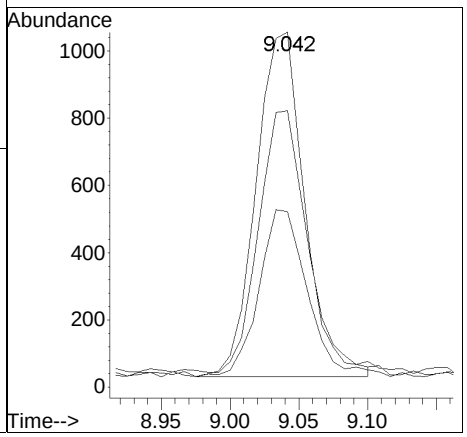


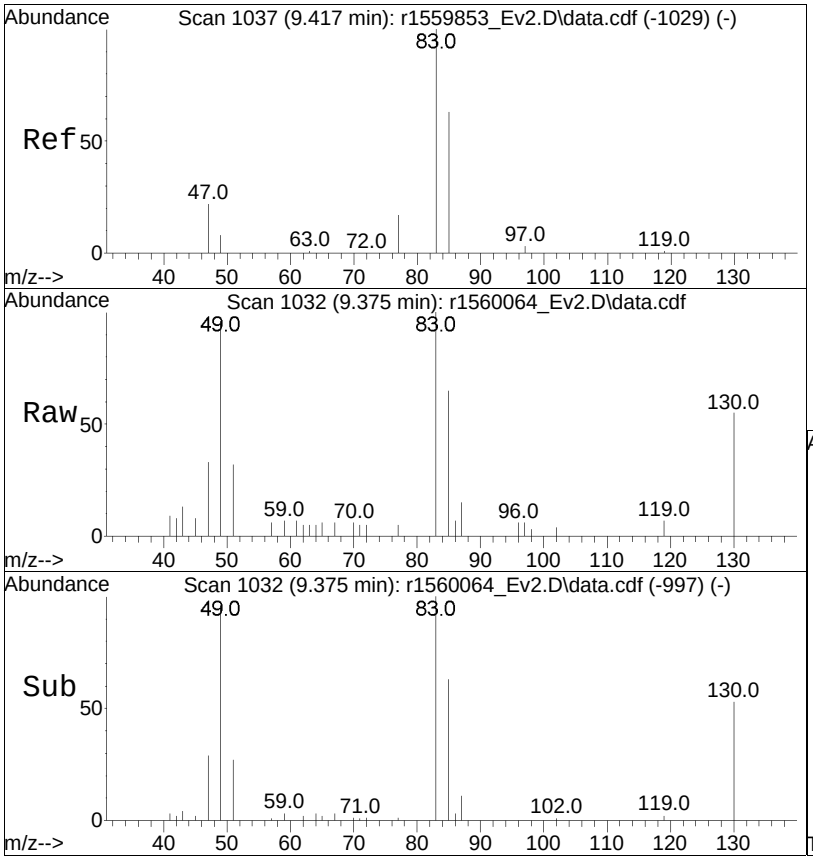


#29
cis-1,2-dichloroethene
Concen: 0.07 ppbV
RT: 9.042 min Scan# 992
Delta R.T. -0.033 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 61 Resp: 2509

Ion	Ratio	Lower	Upper
61	100		
96	77.8	59.4	89.2
98	49.4	36.8	55.2

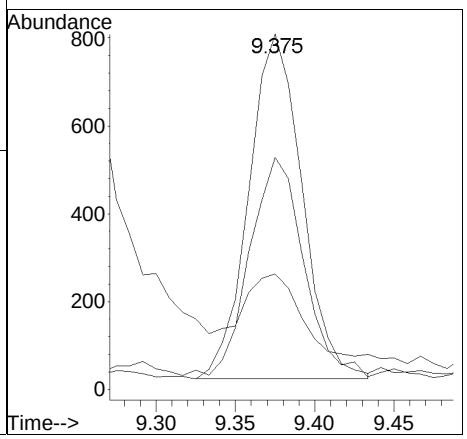


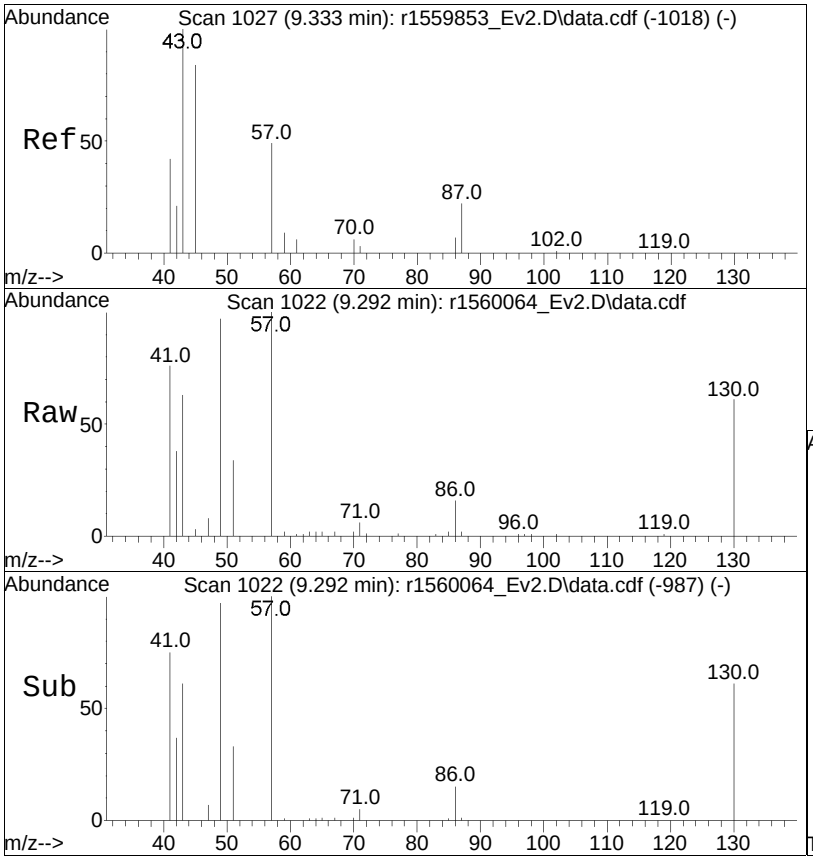


#31
chloroform
Concen: 0.04 ppbV
RT: 9.375 min Scan# 1032
Delta R.T. -0.042 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 83 Resp: 1836

Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.5	75.7
47	32.5	17.7	26.5#

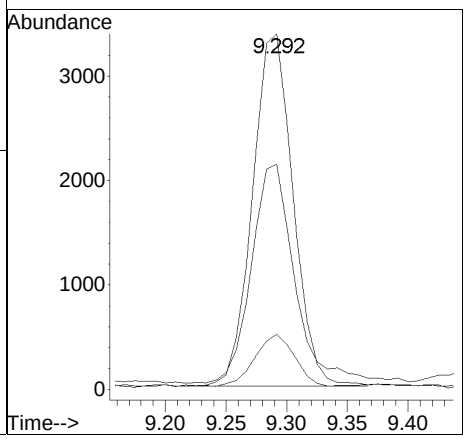


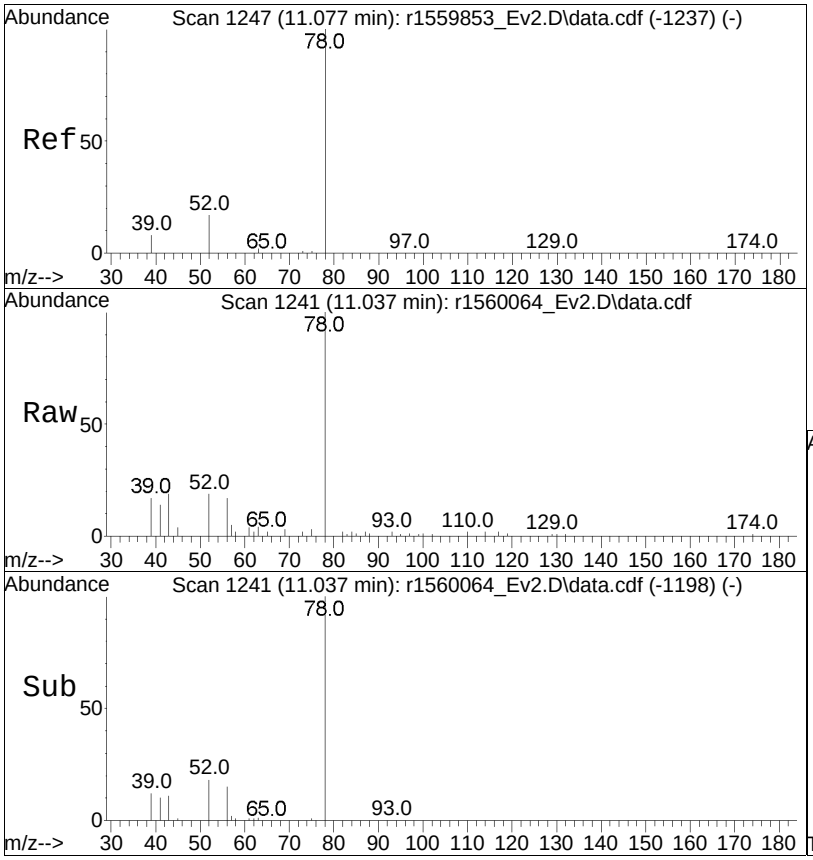


#35
hexane
Concen: 0.18 ppbV
RT: 9.292 min Scan# 1022
Delta R.T. -0.042 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 57 Resp: 7823

Ion	Ratio	Lower	Upper
57	100		
43	63.4	162.5	243.7#
86	15.5	12.2	18.2

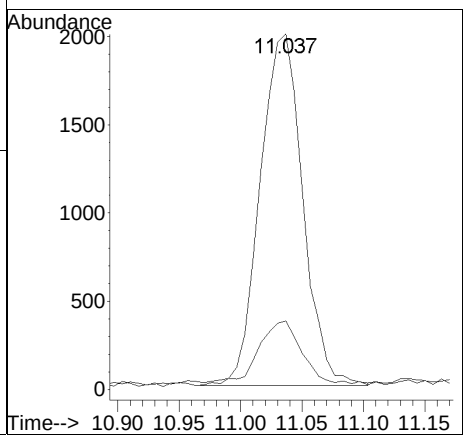


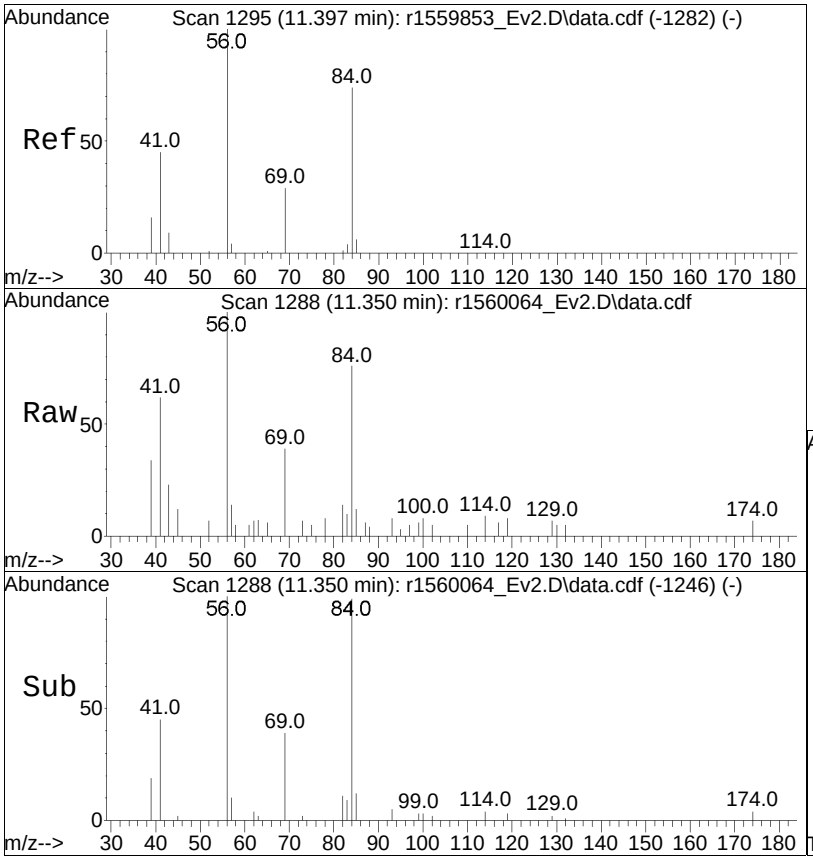


#38
benzene
Concen: 0.05 ppbV
RT: 11.037 min Scan# 1241
Delta R.T. -0.040 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 78 Resp: 4828

Ion	Ratio	Lower	Upper
78	100		
52	19.3	13.9	20.9

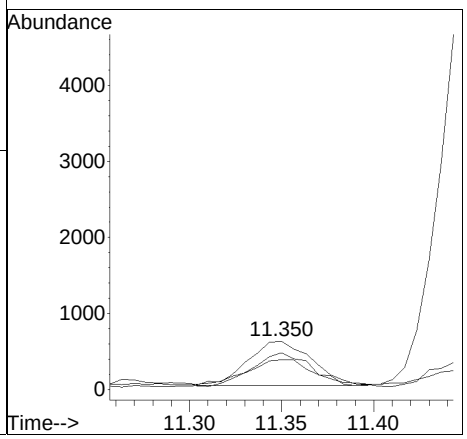


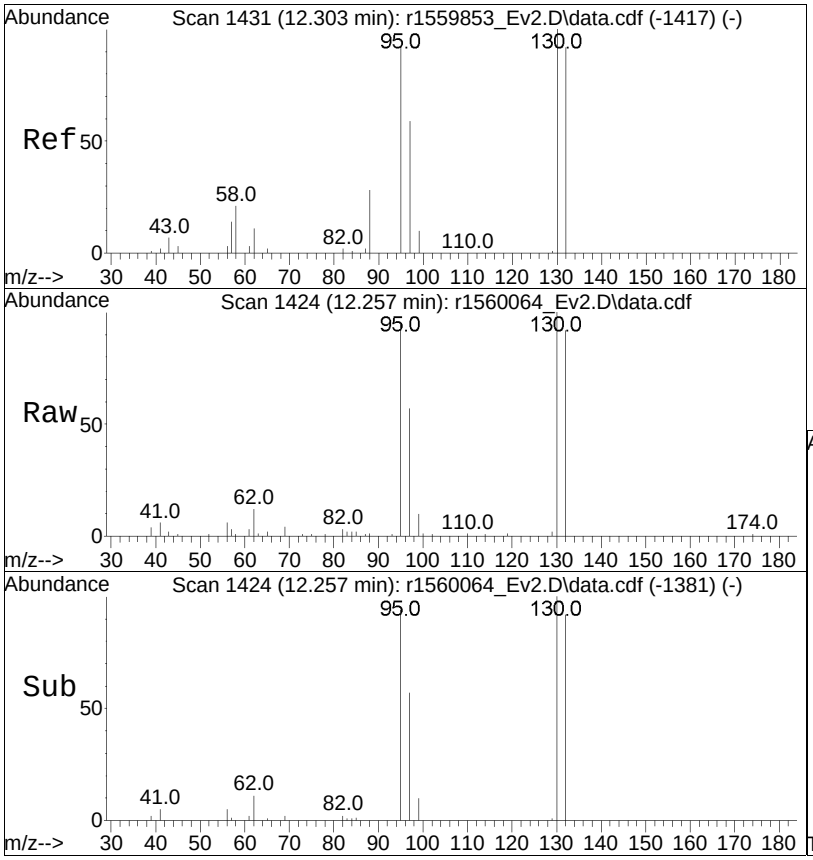


#40
cyclohexane
Concen: 0.03 ppbV
RT: 11.350 min Scan# 1288
Delta R.T. -0.047 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 56 Resp: 1396

Ion	Ratio	Lower	Upper
56	100		
84	76.4	59.8	89.8
41	61.7	36.2	54.4#

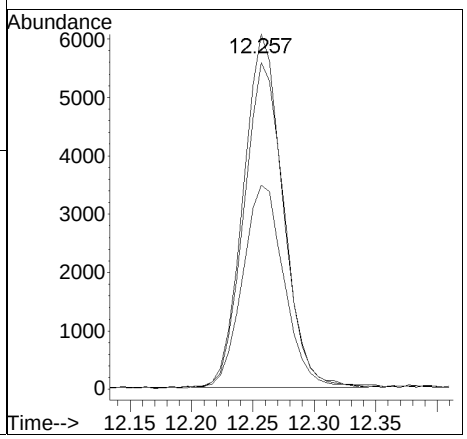


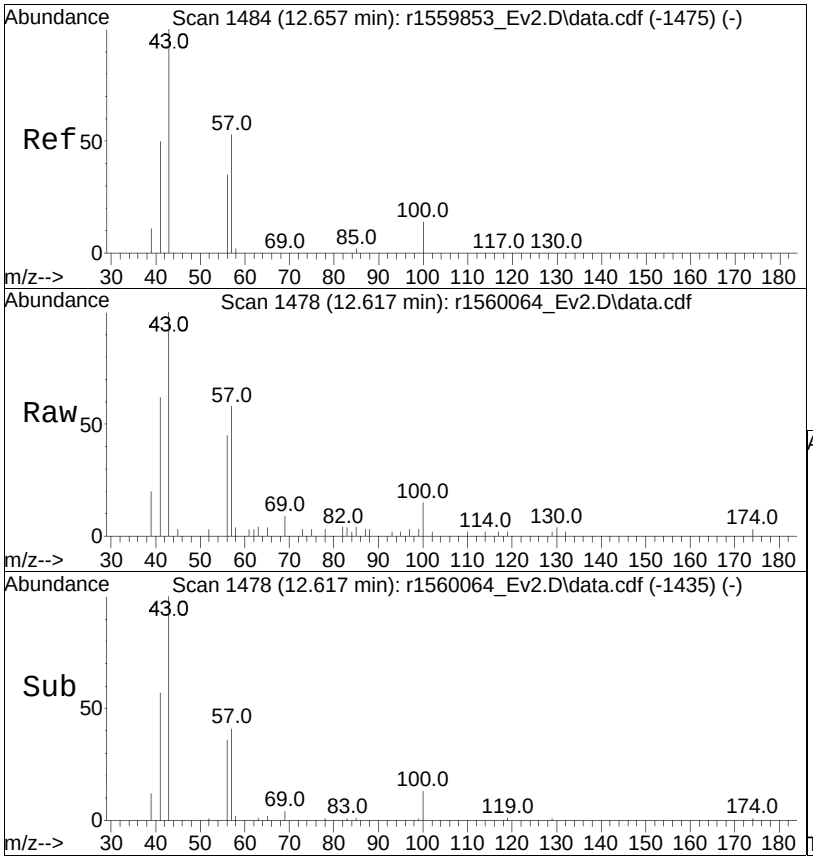


#45
trichloroethene
Concen: 0.37 ppbV
RT: 12.257 min Scan# 1424
Delta R.T. -0.047 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion:130 Resp: 13585

Ion	Ratio	Lower	Upper
130	100		
132	92.0	73.5	110.3
97	57.5	47.4	71.0

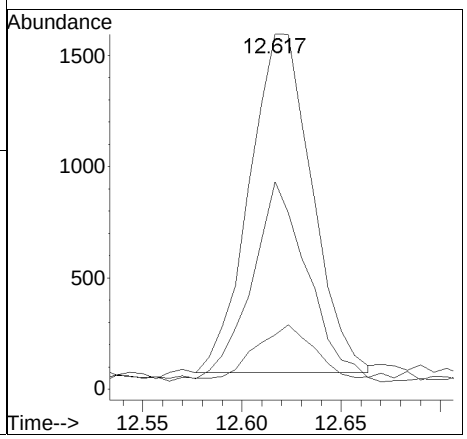


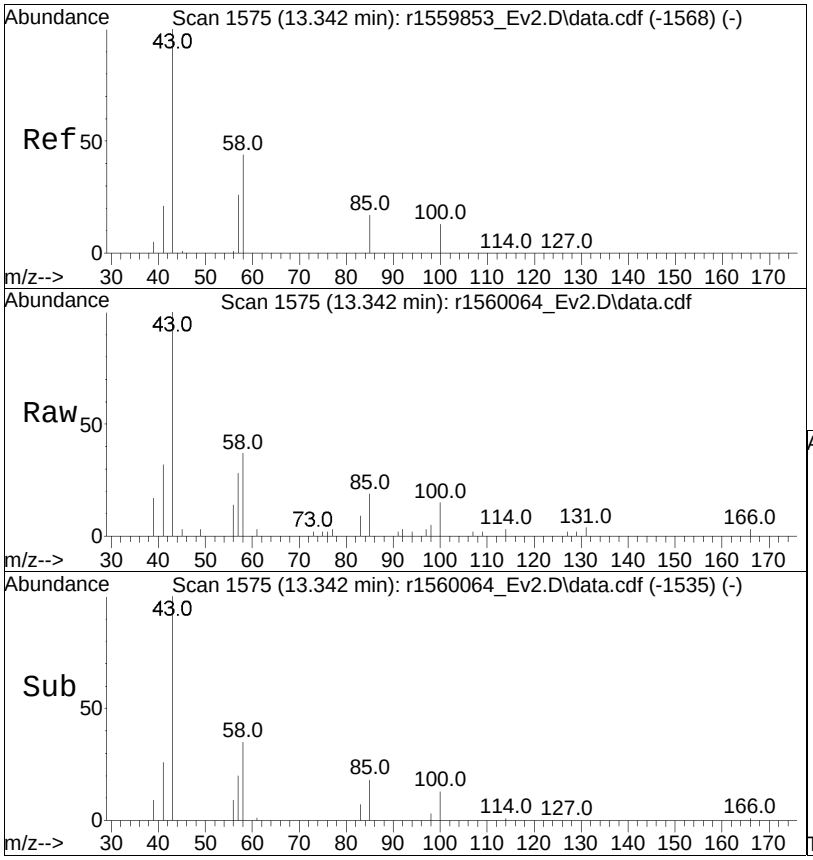


#47
heptane
Concen: 0.07 ppbV
RT: 12.617 min Scan# 1478
Delta R.T. -0.040 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 43 Resp: 3342

Ion	Ratio	Lower	Upper
43	100		
57	58.4	42.3	63.5
100	15.4	11.8	17.6

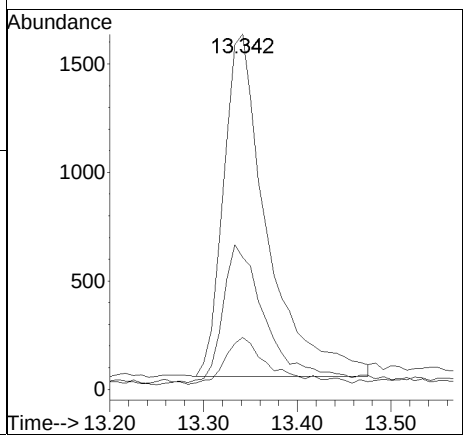


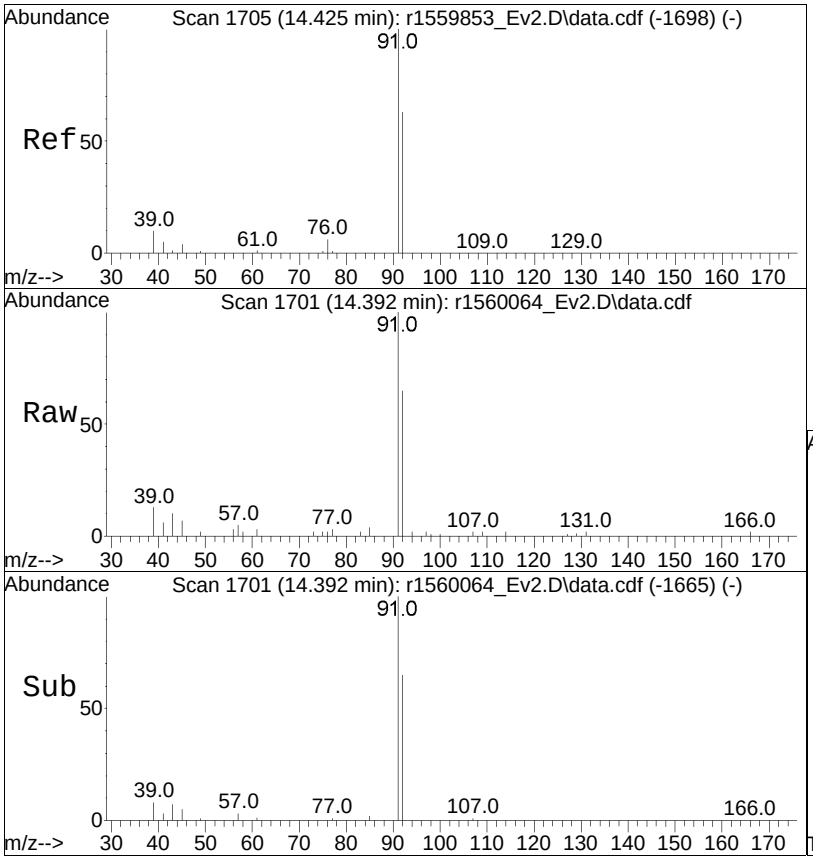


#49
4-methyl-2-pentanone
Concen: 0.09 ppbV
RT: 13.342 min Scan# 1575
Delta R.T. 0.000 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 43 Resp: 5115

Ion	Ratio	Lower	Upper
43	100		
58	37.1	35.1	52.7
100	14.7	10.7	16.1

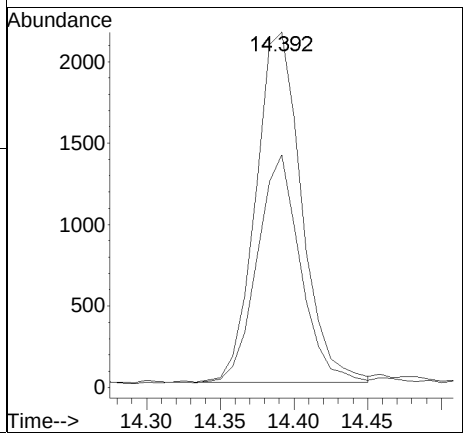


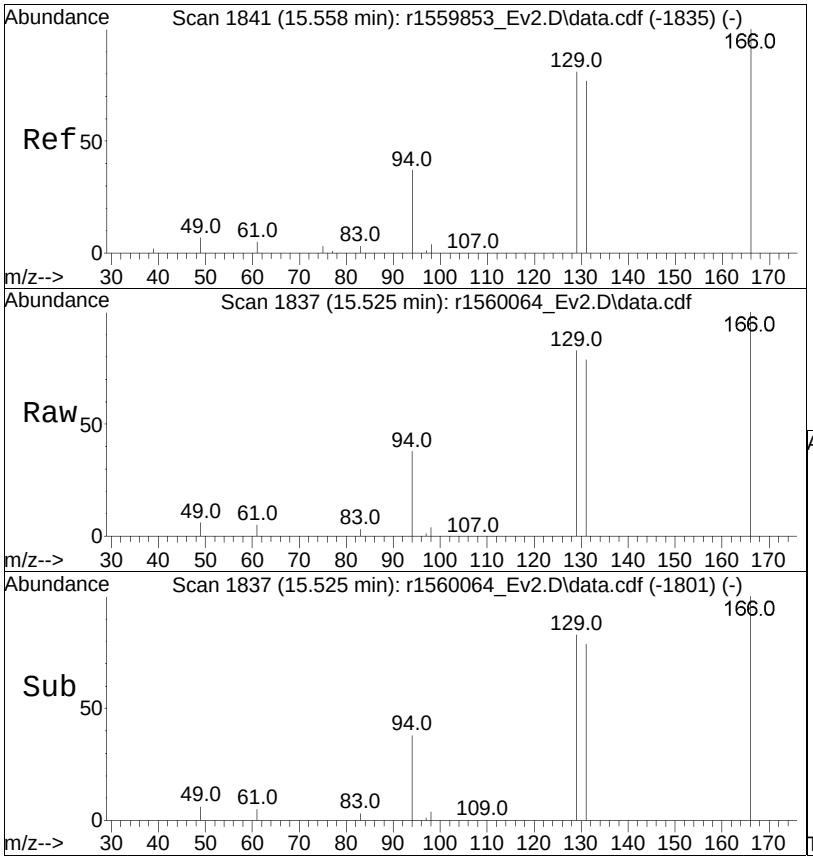


#53
toluene
Concen: 0.05 ppbV
RT: 14.392 min Scan# 1701
Delta R.T. -0.033 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 91 Resp: 4648

Ion	Ratio	Lower	Upper
91	100		
92	65.4	50.6	75.8

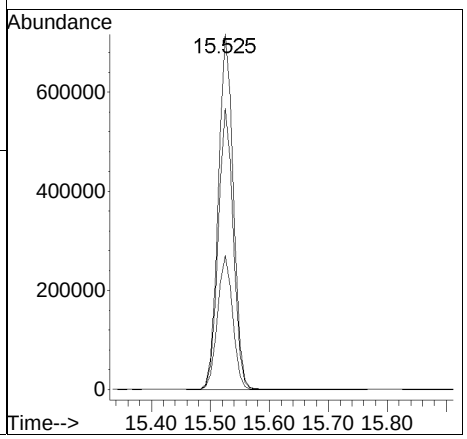


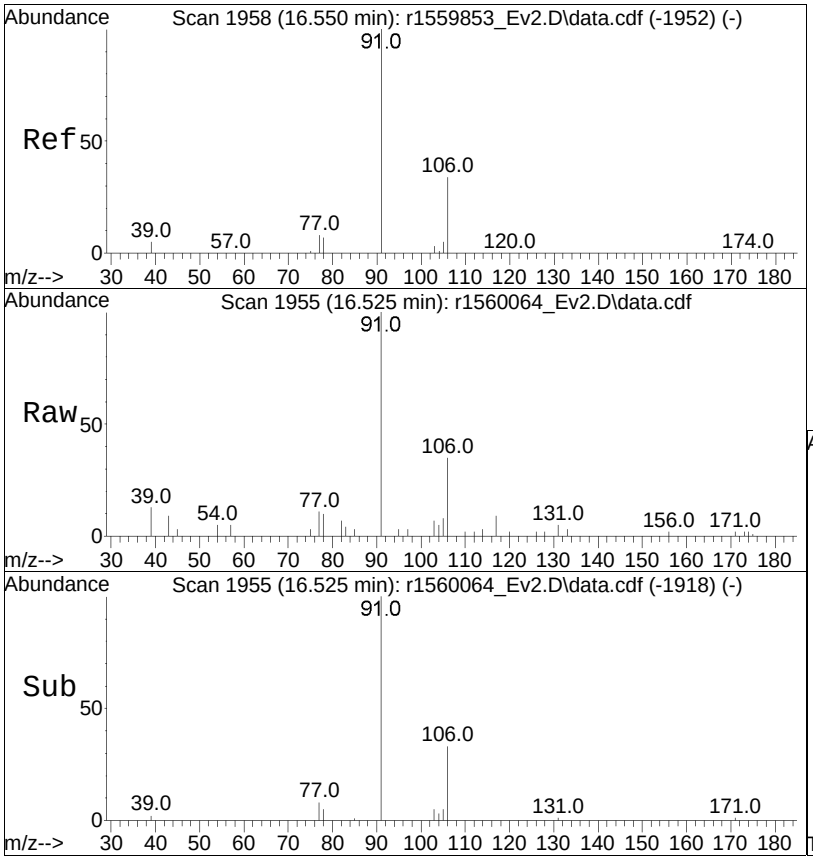


#58
tetrachloroethene
Concen: 33.21 ppbV
RT: 15.525 min Scan# 1837
Delta R.T. -0.033 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion:166 Resp: 1277044

Ion	Ratio	Lower	Upper
166	100		
131	79.0	61.3	91.9
94	37.7	29.4	44.2

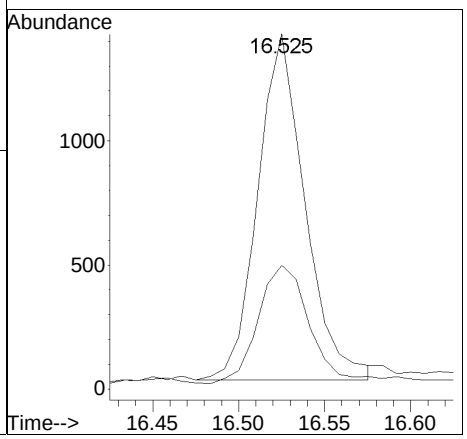


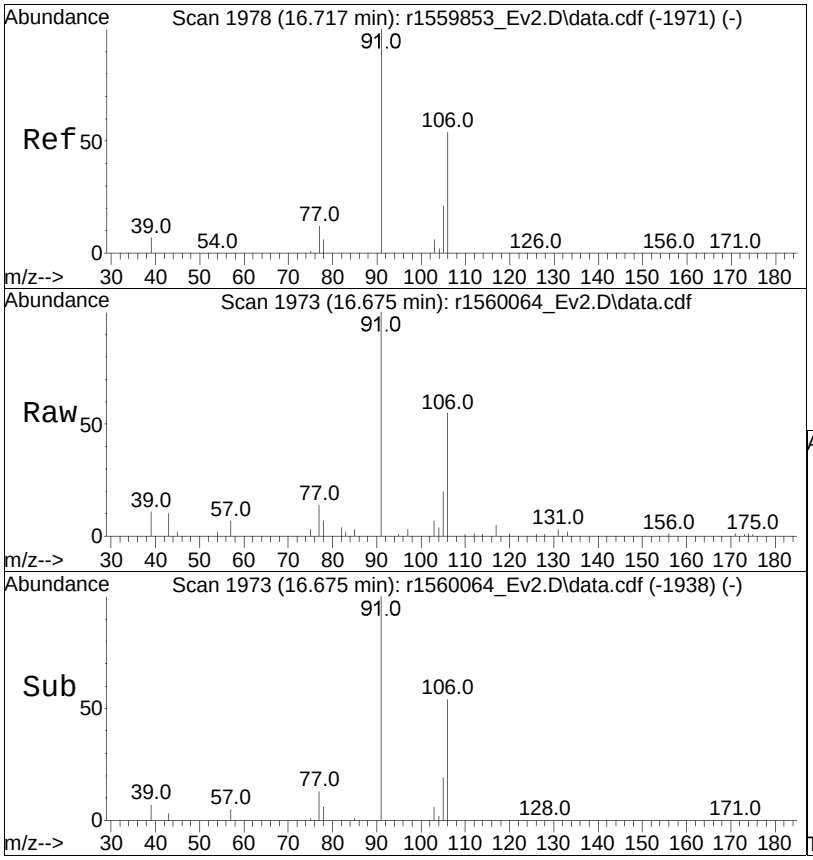


#61
ethylbenzene
Concen: 0.02 ppbV
RT: 16.525 min Scan# 1955
Delta R.T. -0.025 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 91 Resp: 2660

Ion	Ratio	Lower	Upper
91	100		
106	34.9	27.4	41.0

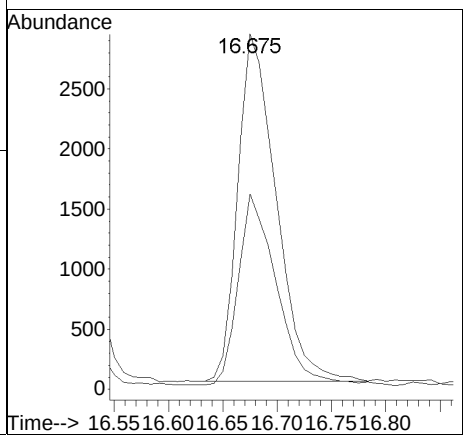


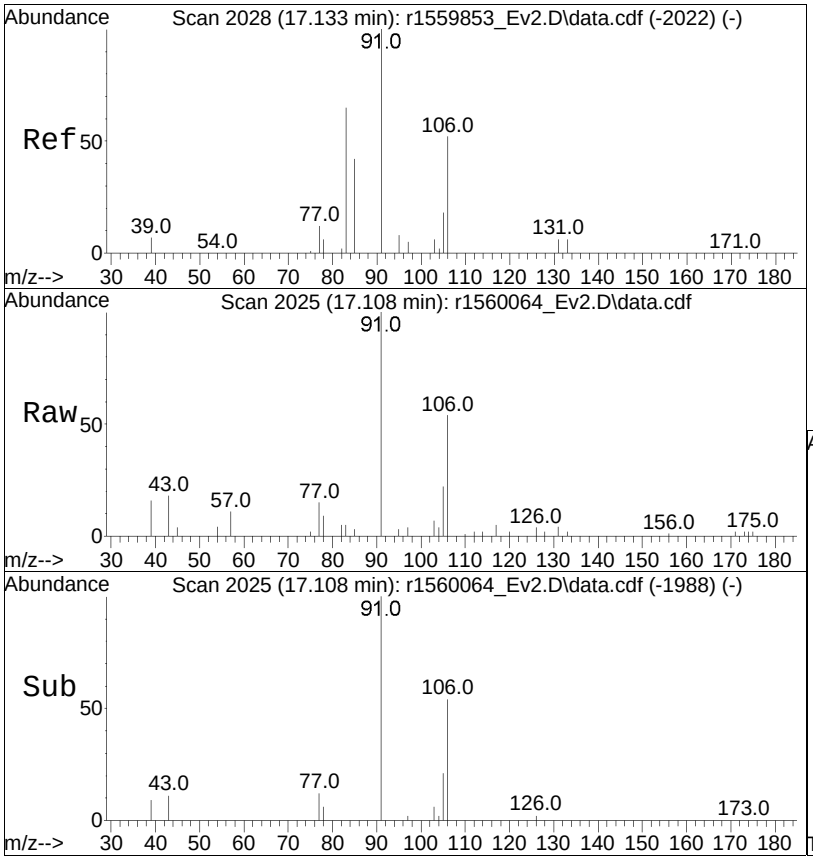


#62
m+p-xylene
Concen: 0.07 ppbV
RT: 16.675 min Scan# 1973
Delta R.T. -0.042 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 91 Resp: 7093

Ion	Ratio	Lower	Upper
91	100		
106	55.0	43.0	64.4

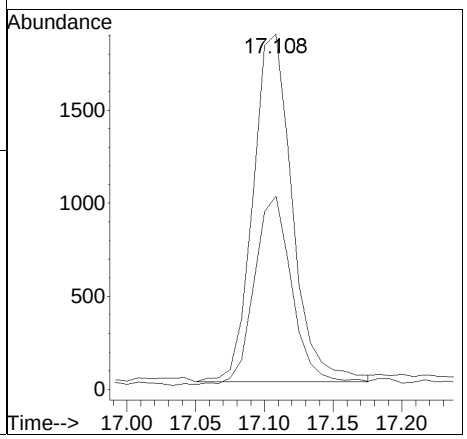


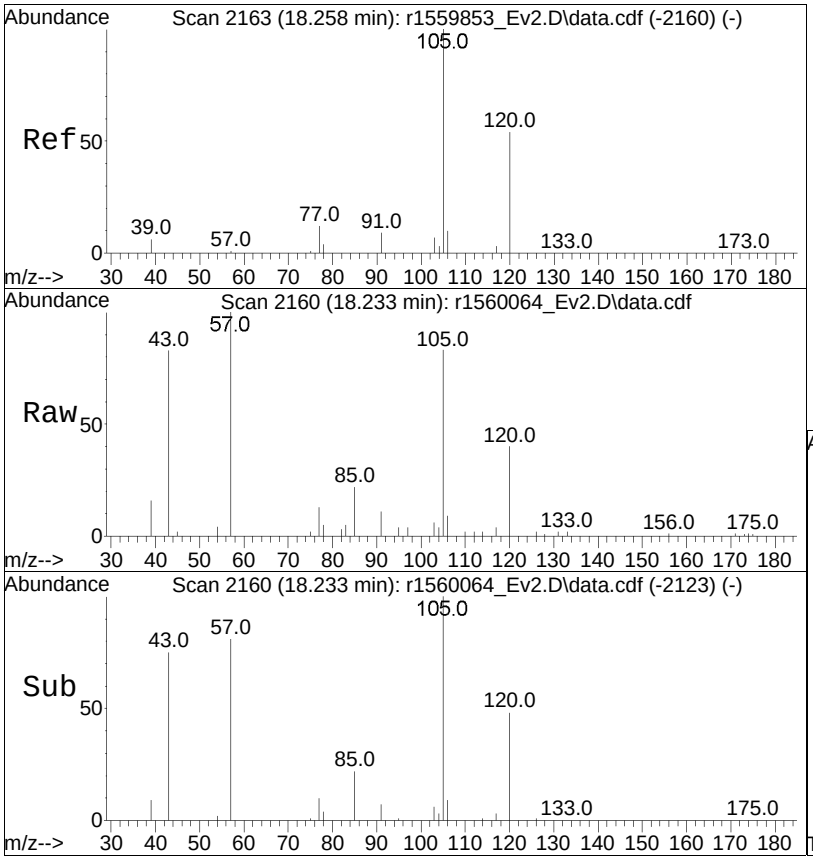


#66
o-xylene
Concen: 0.04 ppbV
RT: 17.108 min Scan# 2025
Delta R.T. -0.025 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion: 91 Resp: 3719

Ion	Ratio	Lower	Upper
91	100		
106	54.4	41.4	62.0

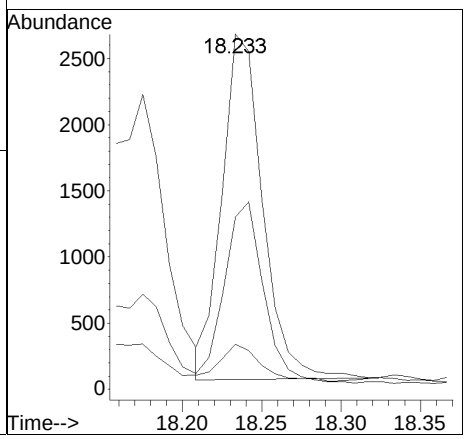


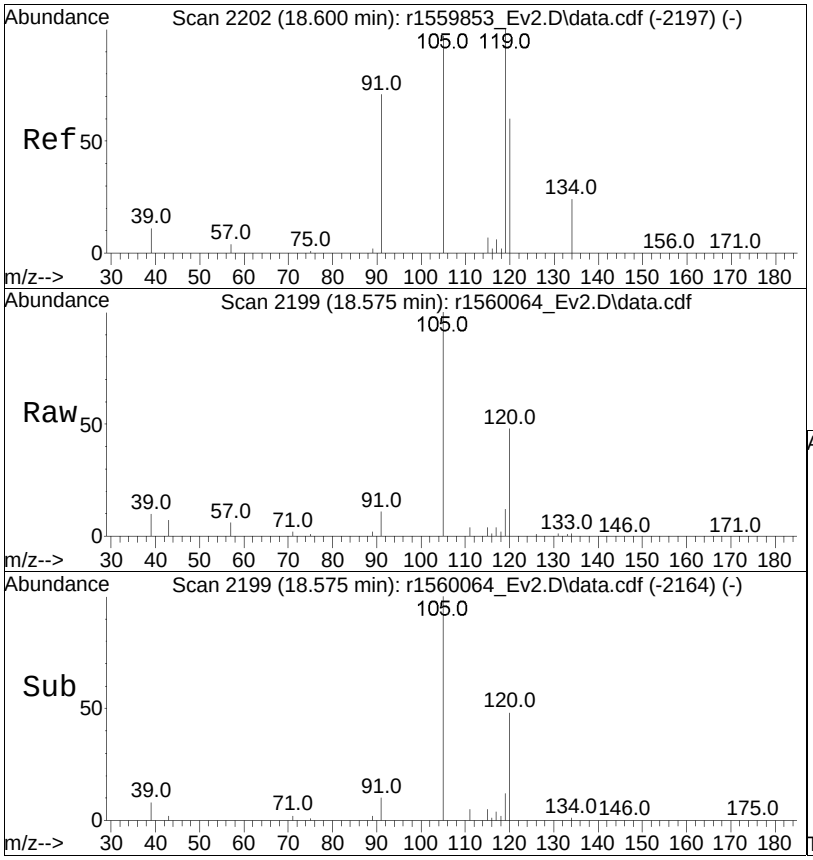


#72
1,3,5-trimethylbenzene
Concen: 0.04 ppbV
RT: 18.233 min Scan# 2160
Delta R.T. -0.025 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion:105 Resp: 4671

Ion	Ratio	Lower	Upper
105	100		
120	48.5	42.7	64.1
91	12.7	7.7	11.5#

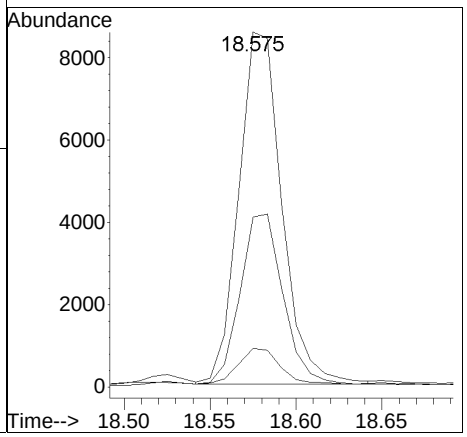


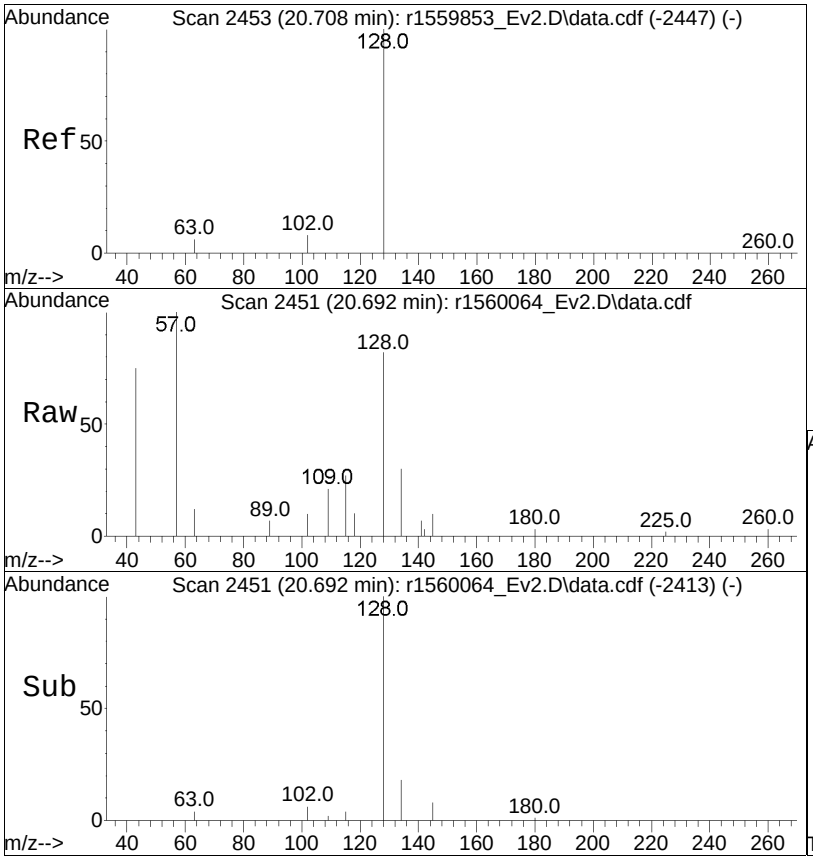


#74
1,2,4-trimethylbenzene
Concen: 0.14 ppbV
RT: 18.575 min Scan# 2199
Delta R.T. -0.025 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion:105 Resp: 14904

Ion	Ratio	Lower	Upper
105	100		
120	48.0	49.3	73.9#
91	11.0	58.3	87.5#

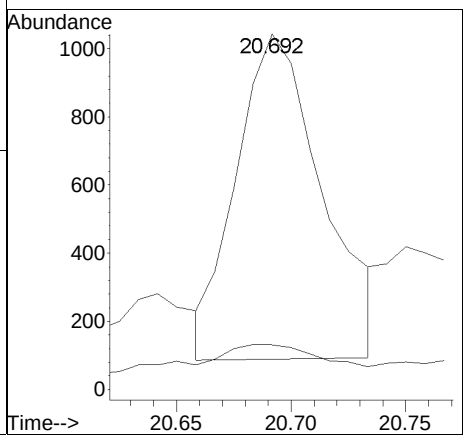




#85
naphthalene
Concen: 0.02 ppbV
RT: 20.692 min Scan# 2451
Delta R.T. -0.017 min
Lab File: r1560064_Ev2.D
Acq: 30 Mar 2026 4:08 AM

Tgt Ion:128 Resp: 2497

Ion	Ratio	Lower	Upper
128	100		
102	12.6	6.0	9.0#



Manual Integration Report

Data Path	: X:\Airlab\Data\Airlab15\20	QMethod	: TSIM15_260320.M
Data File	: r1560064_Ev2.D	Operator	: AIRLAB15:TPH
Date Inj'd	: 3/30/2026 4:08 AM	Instrument	:
Sample	: WG2191136-5D,3,20.44,250	Quant Date	: 3/30/2026 9:37 am

There are no manual integrations or false positives in this file.

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)

Mar 30 2026, 06:21 pm

Work Group: WG2190695 for Department: 3 GC/MS

Created: 27-MAR-26 Due: Operator: DJR

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2612589-01	SS-4	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2612589-02	IA-4	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-03	SS-DUP	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2612589-04	IA-DUP	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-05	SS-3	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2612589-06	IA-3	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-08	IA-2	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-09	SS-1	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2612589-10	IA-1	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-13	IA-CS-1	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-15	IA-CS-2	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
L2612589-16	OA-1	S	NYDEC-TO15-SIM	AIR	DONE	U	0408	0324	S0	Can-2.7
WG2190695-1	MS BFB Tune Standard	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190695-1	MS BFB Tune Standard	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190695-2	Continuing Calibrati	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190695-2	Continuing Calibrati	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190695-3	Laboratory Control S	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190695-3	Laboratory Control S	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190695-4	Laboratory Method Bl	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190695-4	Laboratory Method Bl	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190695-5	Duplicate Sample	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190695-5	Duplicate Sample	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				

Comments:

WG2190695-5 L2612589-08

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 30 2026, 06:21 pm

Work Group: WG2190907 for Department: 3 GC/MS

Created: 28-MAR-26 Due: Operator: ZPC

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2612589-11	CS-1	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2612589-12	CS-DUP	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2612589-14	CS-2	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2614780-01	P12-SS-R2	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0409	0325	S0	Can-6
L2614780-04	P12-OA-R2	S	NYDEC-TO15-SIM	AIR	DONE	U	0409	0325	S0	Can-6
WG2190907-1	MS BFB Tune Standard	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190907-1	MS BFB Tune Standard	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190907-2	Continuing Calibrati	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190907-2	Continuing Calibrati	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190907-3	Laboratory Control S	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190907-3	Laboratory Control S	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190907-4	Laboratory Method Bl	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190907-4	Laboratory Method Bl	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2190907-5	Duplicate Sample	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2190907-5	Duplicate Sample	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				

Comments:

WG2190907-5 L2614780-03

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Mar 30 2026, 06:21 pm

Work Group: WG2191136 for Department: 3 GC/MS

Created: 29-MAR-26 Due: Operator: BJB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2612589-07	SS-2	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0408	0324	S0	Can-2.7
L2614113-01	OMP INFLUENT	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0411	0330	S0	Can-2.7
L2614113-02	OMP EFFLUENT	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0411	0330	S0	Can-2.7
L2614113-04	OMP MID-2	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0411	0330	S0	Can-2.7
L2614642-01	SVE-01	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0416	0331	S0	Can-6
L2614642-02	SVE-03A	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0416	0331	S0	Can-6
L2614642-03	SVE-03B	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0416	0331	S0	Can-6
L2614642-04	POST	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0416	0331	S0	Can-6
L2614780-02	P12-DUP2	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0409	0325	S0	Can-6
L2615269-01	SV-1	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0417	0401	S0	Can-6
L2615269-02	SV-2	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0417	0401	S0	Can-6
L2615269-03	SV-3	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0417	0401	S0	Can-6
L2615269-04	DUP-1	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U	0417	0401	S0	Can-6
WG2191136-1	MS BFB Tune Standard	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2191136-1	MS BFB Tune Standard	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2191136-2	Continuing Calibrati	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2191136-2	Continuing Calibrati	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2191136-3	Laboratory Control S	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2191136-3	Laboratory Control S	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2191136-4	Laboratory Method Bl	S	NYDEC-TO15-SIM	AIR	DONE	U				
WG2191136-4	Laboratory Method Bl	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2191136-5	Duplicate Sample	S	NYDEC-TO15-SIM	SOIL_VAPOR	DONE	U				
WG2191136-5	Duplicate Sample	S	NYDEC-TO15-SIM	AIR	DONE	U				

Comments:

WG2191136-5 L2615269-03

Airlab 17

Internal Standard/Surrogate IDs: SS22-028/ SS21-026

Date: 03/05/26

Internal Standard/Surrogate Volume: 100 ml

Initials APR

Sequence File Name: 260305.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ Sublist	Check Pass ?
1	TtA17030501	TO15_SFS.qgm	R1754536.qgd	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R1754537.qgd	50 mL SS26-008D	SIM ONLY	**DEF**	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R1754538.qgd	125 mL SS26-008D	SIM ONLY	**DEF**	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R1754539.qgd	250 mL SS26-008D	SIM ONLY	**DEF**	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R1754540.qgd	50 mL SS26-008C		**DEF**	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R1754541.qgd	125 mL SS26-008C		**DEF**	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R1754542.qgd	250 mL SS26-008C		**DEF**	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R1754543.qgd	125 mL SS26-008B		**DEF**	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R1754544.qgd	250 mL SS26-008B		**DEF**	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R1754545.qgd	50 mL SS26-008A		**DEF**	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R1754546.qgd	125 mL SS26-008A		**DEF**	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R1754547.qgd	250 mL SS26-008A	LL ONLY	**DEF**	NA
1	BA17030501	TO15_SFS.qgm	R1754548.qgd	250 mL			NA
1	BA17030502	TO15_SFS.qgm	R1754549.qgd	250 mL	TUNE FOR 3-5 SEQ		NA
2	CTO15-LLSTD10.0	TO15_SFS.qgm	R1754550.qgd	250 mL SS26-002B	DO NOT USE		NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R1754551.qgd	125 mL SS26-002B	DO NOT USE		NA

2	CTO15-LLSTD10.0	TO15_SFS.qgm	R1754552.qgd	250 mL SS26-002F	LL ICV	DEF-ICV	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R1754553.qgd	125 mL SS26-002F	SIM ICV	DEF-ICV	NA

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

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

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Instrument ID: AIRLAB15

Internal Standard/Surrogate IDs: SS22-029 / SS21-026

Date: 03/20/2026

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: DJR

Sequence File Name: 260320.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Check Pass ? Y/N
1	TA15012301	TO15_SFS.qgm	R1559843.qgd	250 mL			NA
1	TA15012302	TO15_SFS.qgm	R1559844.qgd	250 mL			NA
1	TA15012303	TO15_SFS.qgm	R1559845.qgd	250 mL			NA
1	TA15012301	TO15_SFS.qgm	R1559846.qgd	250 mL			NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R1559847.qgd	50 mL SS26-013D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R1559848.qgd	125 mL SS26-013D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R1559849.qgd	250 mL SS26-013D	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R1559850.qgd	50 mL SS26-013C		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R1559851.qgd	125 mL SS26-013C		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R1559852.qgd	250 mL SS26-013C		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R1559853.qgd	125 mL SS26-013B		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R1559854.qgd	250 mL SS26-013B		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R1559855.qgd	50 mL SS26-013A		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R1559856.qgd	125 mL SS26-013A		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R1559857.qgd	250 mL SS26-013A	LL ONLY	DEF	NA
1	BA15012301	TO15_SFS.qgm	R1559858.qgd	250 mL			NA
1	BA15012302	TO15_SFS.qgm	R1559859.qgd	250 mL			NA
2	CTO15-LLSTD10.0	TO15_SFS.qgm	R1559860.qgd	250 mL SS26-002E	LL/ APH ICV	DEF-ICV	NA

2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R1559861.qgd	125 mL SS26-002E	SIM ICV	DEF-ICV	NA

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 01/07/2026

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: APR

Sequence Name 260107.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	TA26010701	TO15_SFS.M	R267623.D	250ML	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.M	R267624.D	SS25-033D 50 mL	SIM Only	Default	NA
5	ITO15-SIMSTD0.05	TO15_SFS.M	R267625.D	SS25-033D 125 mL	SIM Only	Default	NA
5	ITO15-SIMSTD0.1	TO15_SFS.M	R267626.D	SS25-033D 250 mL	SIM Only	Default	NA
6	ITO15-LLSTD0.2	TO15_SFS.M	R267627.D	SS25-033C 50 mL		Default	NA
6	ITO15-LLSTD0.5	TO15_SFS.M	R267628.D	SS25-033C 125 mL		Default	NA
6	ITO15-LLSTD1.0	TO15_SFS.M	R267629.D	SS25-033C 250 mL		Default	NA
7	ITO15-LLSTD5.0	TO15_SFS.M	R267630.D	SS25-033B 125 mL		Default	NA
7	ITO15-LLSTD010	TO15_SFS.M	R267631.D	SS25-033B 250 mL		Default	NA
8	ITO15-LLSTD020	TO15_SFS.M	R267632.D	SS25-033A 50 mL		Default	NA
8	ITO15-LLSTD050	TO15_SFS.M	R267633.D	SS25-033A 125 mL		Default	NA
8	ITO15-LLSTD100	TO15_SFS.M	R267634.D	SS25-033A 250 mL	LL Only	Default	NA
1	BA26010701	TO15_SFS.M	R267635.D	250ML			NA
	Pause	TO15_SFS.M					NA
1	BA26010702	TO15_SFS.M	R267636.D	250ML			NA
2	CTO15-LLSTD010	TO15_SFS.M	R267637.D	SS25-040E 250 mL	LL ICV	Default-ICV-AP2	NA
2	CTO15-SIMSTD5.0	TO15_SFS.M	R267638.D	SS25-040E 125 mL	SIM ICV	Default-ICV-AP2	NA

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 (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Airlab 17

Internal Standard/Surrogate IDs: SS25-038/ SS25-042

Date: 03/27/26

Internal Standard/Surrogate Volume: 100 ml

Initials: ZPC/DJR

Sequence File Name: 260327.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)		Leak Check Pass ?
-1	TA17032101	TO15_SFS.qgm	R1755125.qgd	250 mL	TUNE	**12:29:14 PM**	NA
2	CA17032101	TO15_SFS.qgm	R1755126.qgd	250mL SS26-013I	CC		NA
3	TO15-LL-STD10.0	TO15_SFS.qgm	R1755127.qgd	250 mL SS26-002F	LL LCS		NA
3	TO15-SIM-STD5.0	TO15_SFS.qgm	R1755128.qgd	125 mL SS26-002F	SIM LCS	NARRATE VA LOW	NA
1	BA17032101	TO15_SFS.qgm	R1755129.qgd	250 mL	LL BLANK		NA
1	BA17032102	TO15_SFS.qgm	R1755130.qgd	250 mL	SIM BLANK		NA
2	0.01 LOD	TO15_SFS.qgm	R1755131.qgd	25mL SS26-013D		SIM LOD	Y
2	0.02 LOQ	TO15_SFS.qgm	R1755132.qgd	50mL SS26-013D		SIM LOQ 1	Y
2	0.1 LOQ	TO15_SFS.qgm	R1755133.qgd	250mL SS26-013D		SIM LOQ2/ 3 / LL LOD	Y
3	0.2 LOQ	TO15_SFS.qgm	R1755134.qgd	50mL SS26-013C		FS LOQ 1	Y
3	0.5 LOQ	TO15_SFS.qgm	R1755135.qgd	125mL SS26-013C		FS LOQ 2 / SIM LOQ 4	Y
3	1.0 LOQ	TO15_SFS.qgm	R1755136.qgd	250mL SS26-013C		METHYL NAPHS	Y
4	LAB AIR	TO15_SFS.qgm	R1755137.qgd	250 mL		LAB AIR	NA
5	L2612589-16,3,250,250	TO15_SFS.qgm	R1755138.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
6	L2612589-02,3,250,250	TO15_SFS.qgm	R1755139.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
7	L2612589-04,3,250,250	TO15_SFS.qgm	R1755140.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
8	L2612589-06,3,250,250	TO15_SFS.qgm	R1755141.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
9	L2612589-08,3,250,250	TO15_SFS.qgm	R1755142.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
9	L2612589-08DUP,3,250,250	TO15_SFS.qgm	R1755143.qgd	WG2190695,ICAL23125	NYDEC-SIM DUP	NYDEC SIM	Y

10	L2612589-10,3,250,250	TO15_SFS.qgm	R1755144.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
11	L2612589-13,3,250,250	TO15_SFS.qgm	R1755145.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
12	L2612589-15,3,250,250	TO15_SFS.qgm	R1755146.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
13	L2612589-01,3,250,250	TO15_SFS.qgm	R1755147.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
14	L2612589-03,3,250,250	TO15_SFS.qgm	R1755148.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
15	L2612589-05,3,250,250	TO15_SFS.qgm	R1755149.qgd	WG2190695,ICAL23125		NYDEC SIM	Y
16	L2612589-07D,3,50,250	TO15_SFS.qgm	R1755150.qgd	WG2190695,ICAL23125	OVERDILUTED	NYDEC SIM	Y
1	L2612589-09,3,250,250	TO15_SFS.qgm	R1755151.qgd	WG2190695,ICAL23125		NYDEC SIM	Y

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

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: AIRLAB26

Internal Standard/Surrogate IDs: SS24-016 / SS24-017

Date: 03/28/2026

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: ZPC

Sequence File Name: 260328.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	TA26032801	TO15_SFS.M	R269464.D	250 mL	TUNE	**12:08:55 PM; VOLTAGE ADJUSTED PRIOR TO STARTING QC**	NA
2	CA26032801	TO15_SFS.M	R269465.D	SS26-013H 250 mL	CC		NA
	PAUSE						NA
3	CTO15-LLSTD010	TO15_SFS.M	R269466.D	SS26-007F 250 mL	LL LCS	**NARRATE VA OUT LOW**	NA
3	CTO15-SIMSTD5.0	TO15_SFS.M	R269467.D	SS26-007F 125 mL	SIM LCS		NA
	PAUSE						NA
1	BA26032801	TO15_SFS.M	R269468.D	250mL	LL BLANK		NA
1	BA26032802	TO15_SFS.M	R269469.D	250mL	SIM BLANK		NA
2	0.5 LOQ RR	TO15_SFS.M	R269470.D	125mL SS26-013C		FS LOQ 2 / SIM LOQ 4	Y
3	L2614780-04,3,250,250	TO15_SFS.M	R269471.D	WG2190907,ICAL23940		NYDEC-SIM	Y
4	L2613935-02D,3,50,250	TO15_SFS.M	R269472.D	WG2190906,ICAL23939		ETOH	Y
5	L2613935-03D,3,25,250	TO15_SFS.M	R269473.D	WG2190906,ICAL23939		ETOH	Y
6	L2616826-05,3,250,250	TO15_SFS.M	R269474.D	WG2190908,ICAL23939		CT	Y
7	L2614780-03,3,250,250	TO15_SFS.M	R269475.D	WG2190907,ICAL23940	EtOH OC	NYDEC-SIM	Y
7	L2614780-03DUP,3,250,250	TO15_SFS.M	R269476.D	WG2190907,ICAL23940	NYDEC-SIM DUP (LL/SIM/CT DUMMY)	NYDEC-SIM	Y
8	L2612589-11,3,250,250	TO15_SFS.M	R269477.D	WG2190907,ICAL23940		NYDEC-SIM	Y

Alpha Analytical Air Lab
Instrument Run Log

9	L2612589-12,3,250,250	TO15_SFS.M	R269478.D	WG2190907,ICAL23940		NYDEC-SIM	Y
10	L2612589-14,3,250,250	TO15_SFS.M	R269479.D	WG2190907,ICAL23940		NYDEC-SIM	Y
11	L2616826-01,3,250,250	TO15_SFS.M	R269480.D	WG2190908,ICAL23939		CT	Y
12	L2616826-02D,3,100,250	TO15_SFS.M	R269481.D	WG2190908,ICAL23939	T	CT	Y
13	L2616826-03D,3,150,250	TO15_SFS.M	R269482.D	WG2190908,ICAL23939	PCE OC	CT	Y
14	L2616826-04D,3,75,250	TO15_SFS.M	R269483.D	WG2190908,ICAL23939	T	CT	Y
15	L2615784-01,3,250,250	TO15_SFS.M	R269484.D	WG2190908,ICAL23939		CT	Y
16	L2615784-02D,3,30,250	TO15_SFS.M	R269485.D	WG2190908,ICAL23939	T	CT	Y
1	L2615784-03D,3,125,250	TO15_SFS.M	R269486.D	WG2190908,ICAL23939	T	CT	Y
2	L2615784-04D,3,0.19,250	TO15_SFS.M	R269487.D	WG2190908,ICAL23939	T	CT	Y
3	L2615784-05D,3,50,250	TO15_SFS.M	R269488.D	WG2190908,ICAL23939	T	CT	Y
4	L2615784-06D,3,85,250	TO15_SFS.M	R269489.D	WG2190908,ICAL23939	T	CT	Y
5	L2614780-01D,3,15.32,250	TO15_SFS.M	R269490.D	WG2190907,ICAL23940	T	NYDEC-SIM	Y
6	L2614780-02D,3,24.15,250	TO15_SFS.M	R269491.D	WG2190907,ICAL23940	CUT FROM SEQ	NYDEC-SIM	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 (ml) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Instrument ID: AIRLAB15

Internal Standard/Surrogate IDs: SS25-038 / SS25-042

Date: 03/29/2026

Internal Standard/Surrogate Volume: 100 ml

Analyst Initials: BJB

Sequence File Name: 260329.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Check Pass ?
1	TA15032801	TO15_SFS.qgm	R1560047.qgd	250 mL	TUNE	08:29:20 AM	NA
2	APH CC	TO15_SFS.qgm	R1560048.qgd	125mL SS25-029B1	APH CC		NA
3	CA15032801	TO15_SFS.qgm	R1560049.qgd	250 mL SS25-037I 250mL	LL CC		NA
4	CTO15-LLSTD10.0	TO15_SFS.qgm	R1560050.qgd	250 mL SS26-002G 250mL	LL LCS	NARRATE VA OUT	NA
4	CTO15-SIMSTD5.0	TO15_SFS.qgm	R1560051.qgd	125 mL SS26-002G 125mL	SIM LCS	NARRATE VA OUT/ RISKING C/T13DCP & 124TCB	NA
1	BA15032801	TO15_SFS.qgm	R1560052.qgd	250 mL	LL BLANK		NA
1	BA15032802	TO15_SFS.qgm	R1560053.qgd	250 mL	SIM BLANK		NA
1	L2614132-01D,3,25,250	TO15_SFS.qgm	R1560054.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
2	L2614780-02D,3,24.15,250	TO15_SFS.qgm	R1560055.qgd	WG2191136,ICAL23169	905/T	NYDEC-SIM	Y
3	L2612589-07D,3,100,250	TO15_SFS.qgm	R1560056.qgd	WG2191136,ICAL23169	NT	NYDEC-SIM	Y
4	L2614642-01D,3,25,250	TO15_SFS.qgm	R1560057.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
5	L2614642-02D,3,25,250	TO15_SFS.qgm	R1560058.qgd	WG2191136,ICAL23169	NT	NYDEC-SIM	Y
6	L2614642-03D,3,50,250	TO15_SFS.qgm	R1560059.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
7	L2614642-04,3,250,250	TO15_SFS.qgm	R1560060.qgd	WG2191136,ICAL23169		NYDEC-SIM	Y
8	L2615269-01D,3,9.66,250	TO15_SFS.qgm	R1560061.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
9	L2615269-02D,3,75,250	TO15_SFS.qgm	R1560062.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y

10	L2615269-03D,3,20.44,250	TO15_SFS.qgm	R1560063.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
10	L2615269-03DUPD,3,20.44,250	TO15_SFS.qgm	R1560064.qgd	WG2191136,ICAL23169	SIM DUP	NYDEC-SIM	Y
11	L2615269-04D,3,20.88,250	TO15_SFS.qgm	R1560065.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
12	L2614113-02D,3,50,250	TO15_SFS.qgm	R1560066.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
13	L2614113-03,3,250,250	TO15_SFS.qgm	R1560067.qgd	WG2191136,ICAL23169	TCE OVERCAL	NYDEC-SIM	Y
14	L2614113-04D,3,50,250	TO15_SFS.qgm	R1560068.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y
15	L2614113-01D,3,50,250	TO15_SFS.qgm	R1560069.qgd	WG2191136,ICAL23169	T	NYDEC-SIM	Y

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

ATTACHMENT 3

Data Usability Summary Report

July 2, 2026

To: Stephen Campana
Labella Associates
300 Pearl Street, Suite 130
Buffalo, NY 14202

Subject: TIFFt Farm Nature Perserve, 1200 Fuhrmann Boulevard, Buffalo (915072)- Data Usability Summary Report

The Following Item Transmitted:

Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	L2612589_NYSDEC_CatB_Package_Mini_Final Report.pdf	Electronic
1	L2612589_EquNysdec.xls	Electronic

Signature:



Tracey Evans
Chemist
tevans@labellapc.com
Environmental Assessment & Remediations
A Labella Company
225 Atlantic Avenue
Patchogue, New York 11772
631-400-1089

A LaBella Company

TIFFt Farm Nature Preserve - Data Usability Summary Report for March 9, 2026, Air Samples

Client: NYSDEC Division of Environmental Remediation
Laboratory: PACE Analytical Services (NELAP ID 11148)
Location: 1200 Fuhrmann Boulevard, Buffalo NY, 14203
Project Number: 2234026.224

Lab Job ID: L2612589				
				Method Evaluated
Lab ID	Field ID	Collection Date	Matrix	TO-15 Air VOC
L2612589-01	SS-4	3/9/2026	Sub-Slab Air	x
L2612589-02	IA-4	3/9/2026	Indoor Air	x
L2612589-03	SS-DUP	3/9/2026	Sub-Slab Air	x
L2612589-04	IA-DUP	3/9/2026	Indoor Air	x
L2612589-05	SS-3	3/9/2026	Sub-Slab Air	x
L2612589-06	IA-3	3/9/2026	Indoor Air	x
L2612589-07	SS-2	3/9/2026	Sub-Slab Air	x
L2612589-08	IA-2	3/9/2026	Indoor Air	x
L2612589-09	SS-1	3/9/2026	Sub-Slab Air	x
L2612589-10	IA-1	3/9/2026	Indoor Air	x
L2612589-11	CS-1	3/9/2026	Crawl Space Air	x
L2612589-12	CS-DUP	3/9/2026	Crawl Space Air	x
L2612589-13	IA-CS-1	3/9/2026	Indoor Crawl Space Air	x
L2612589-14	CS-2	3/9/2026	Crawl Space Air	x
L2612589-15	IA-CS-2	3/9/2026	Indoor Crawl Space Air	x
L2612589-16	OA	3/9/2026	Outdoor Air	x

Laboratory report reviewed under:

• USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)

• USEPA Contract Laboratory Program National Functional Guidance for Organic Superfund Methods Data Review, EPA 542-R-20-005 (January 2020).

• Professional judgment.

Criteria for Data Usability Summary Report

Completeness:

A complete data package contains all relevant and related material, packaged for distribution to its client, in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is determined to contain all work related to the production of laboratory data in a manner consistent with the Quality Assurance Program Plan.

Overall Usability Issue

Data validation completed per the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies with the following points:

1. Holding Time and Analysis Time

2. Sample Analysis and Quality Control.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criteria for compliance with method TO-15.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.

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Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronapthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma - Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Non-detected or Not Detected
PID	Photo Ionization Detector
PCB	Polychlorinated biphenyl
QA/QC	Quality Assurance/ Quality Control
RPD	Relative Percent Difference
RL	Reporting Limit
SDG	Sample Delivery Group
%RSD	Percent Relative Standard Deviation

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Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimate, but it may be biased high.
J-	The result is an estimate, but it may be biased low.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data is unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

Note:
1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

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Method TO-15 Air VOC Review Summary:

Review Finding / Narrative	Affected Samples	Affected Analytes
Within continuous calibration verification (CCV), WG2190695-2, one targeted analyte was beyond acceptable percent difference (%D) (<30%) which led to qualification within associated samples as non-detect estimated or estimated 'UJ/ J' values within associated samples.	SS-4, IA-4, SS-DUP, IA-DUP,IA-2, SS-1 IA-1, IA-CS-1,IA-CS-2, AND OA-1	Naphthalene
Within continuous calibration verification (CCV), WG2191136-2, three targeted analytes were beyond acceptable percent difference (%D) (<30%), which led to qualification of the associated sample as non-detect estimated 'UJ/J' values within associated samples.	SS-2	cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, and 1,2,4-Trichlorobenzene
Within laboratory control sample, WG2191136-1, three analytes recovered beyond acceptable limits (>30%), but were not detected within the associated sample; no qualification is needed.	SS-2	cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, and 1,2,4-Trichlorobenzene
Comparison of blind duplicate samples had four analytes with relative percent deviation (RPD) greater than acceptable limit (50%) which led to qualification within samples as estimate values.	SS-4 and SS-DUP	1,1-Dichloroethane, Chloroform, Chloromethane, and n-Hexane
Comparison of blind duplicate samples had four analytes with relative percent deviation (RPD) greater than acceptable limit (50%) which led to qualification within samples as estimate values.	IA-4 and IA-DUP	Styrene, Tetrachloroethene,n-Hexane, and o-Xylene.
Comparison of blind duplicate samples had two analytes with relative percent deviation (RPD) greater than acceptable limit (50%) which led to qualification within samples as estimate values.	CS-1 and CS-DUP	Ethanol and n-Hexane

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Blind Duplicate Comparison

Analytes	Original Sample SS-4	Blind Duplicate SS-DUP	Relative Percent Difference
1,1,1-TRICHLOROETHANE	103	67.7	41.36
1,1-DICHLOROETHANE	**0.053**	**0.17**	**104.93**
1,2,4-TRIMETHYLBENZENE	2.64	2.02	26.61
1,2-DICHLOROETHANE	0.097	0.093	4.21
1,3,5-TRIMETHYLBENZENE	0.6	0.501	17.98
2-BUTANONE	4.36	3.27	28.57
BENZENE	0.466	0.441	5.51
BROMOMETHANE	-	0.047	NA
CARBON TETRACHLORIDE	0.51	0.478	6.48
CHLOROFORM	**0.737**	**0.239**	**102.05**
CHLOROMETHANE	**0.349**	**0.634**	**57.99**
CYCLOHEXANE	3.58	2.36	41.08
DICHLORODIFLUOROMETHANE	2.68	2.46	8.56
ETHYL ALCOHOL	65.4	56.5	14.60
ETHYLBENZENE	1.48	1.06	33.07
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.705	0.636	10.29
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	0.147	0.126	15.38
HEPTANE	2.53	1.7	39.24
METHYLENE CHLORIDE	-	0.497	NA
STYRENE	0.839	0.681	20.79
TERT-BUTYL ALCOHOL	5.82	3.64	46.09
TETRACHLOROETHENE	0.373	0.258	36.45
TOLUENE	10.5	7.31	35.82
TRICHLOROETHENE	-	0.059	NA
TRICHLOROFLUOROMETHANE	1.31	1.26	3.89

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CIS-1,2-DICHLOROETHENE	-	0.056	NA
N-HEXANE	**4.09**	**7.58**	**59.81**
O-XYLENE	1.72	1.32	26.32
P/M-XYLENE	5.73	4.06	34.12
TRANS-1,2-DICHLOROETHENE	-	0.167	NA

Analytes	Original Sample	Blind Duplicate	Relative Percent Difference
	IA-4	IA-DUP	
1,2-DICHLOROETHANE	0.13	0.13	0.00
1,2-DICHLOROPROPANE	0.102	0.106	3.85
1,3,5-TRIMETHYLBENZENE	-	0.084	NA
2-BUTANONE	0.566	0.672	17.12
BENZENE	0.246	0.297	18.78
BENZENE	-	0.043	NA
CARBON TETRACHLORIDE	0.434	0.459	5.60
CHLOROFORM	0.107	0.122	13.10
CHLOROMETHANE	1.02	1.11	8.45
DICHLORODIFLUOROMETHANE	3.11	3.33	6.83
ETHYL ALCOHOL	58.2	44.8	26.02
ETHYLBENZENE	0.057	0.074	25.95
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.575	0.628	8.81
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	0.119	0.133	11.11
METHYLENE CHLORIDE	0.476	0.611	24.84
STYRENE	**0.043**	**0.072**	**50.43**
TETRACHLOROETHENE	**0.075**	**0.136**	**57.82**

TOLUENE	0.279	0.437	44.13
TRICHLOROFLUOROMETHANE	1.24	1.34	7.75
N-HEXANE	**0.395**	**3.12**	**155.05**
O-XYLENE	**0.065**	**0.135**	**70.00**
P/M-XYLENE	0.161	0.261	47.39
TRANS-1,2-DICHLOROETHENE	-	0.044	NA
1,2,4-TRIMETHYLBENZENE	0.226	-	NA

Analytes	Original Sample CS-1	Blind Duplicate CS-DUP	Relative Percent Difference
1,1,1-TRICHLOROETHANE	0.115	0.136	16.73
1,2,4-TRIMETHYLBENZENE	0.059	0.064	8.13
1,2-DICHLOROETHANE	0.073	0.065	11.59
1,2-DICHLOROPROPANE	0.097	0.111	13.46
2-BUTANONE	0.46	-	NA
BENZENE	0.185	0.188	1.61
CARBON TETRACHLORIDE	0.453	0.447	1.33
CHLOROFORM	0.098	0.117	17.67
CHLOROMETHANE	0.634	0.719	12.56
DICHLORODIFLUOROMETHANE	2.71	2.75	1.47
ETHANOL	**11.9**	**6.05**	**65.18**
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.506	0.498	1.59
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	0.105	0.112	6.45
METHYLENE CHLORIDE	0.389	0.393	1.02

TETRACHLOROETHENE	0.149	0.231	43.16
TOLUENE	0.245	0.211	14.91
TRICHLOROFLUOROMETHANE	1.14	1.15	0.87
N-HEXANE	**0.867**	**0.476**	**58.23**
O-XYLENE	0.061	0.057	6.78
P/M-XYLENE	0.113	0.122	7.66
TRANS-1,2-DICHLOROETHENE	0.04	-	NA

This data meets the category B criterion and is therefore usable.

Attachments for Method Review

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-01	Date Collected	: 03/09/26 16:20
Client ID	: SS-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 09:35
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755147_EV2	Instrument ID	: AIRLAB17
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	0.541	0.200	0.050	2.68	0.989	0.247	
74-87-3	Chloromethane	0.169	0.200	0.076	0.349	0.413	0.156	J
76-14-2	Freon-114	0.021	0.050	0.006	0.147	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	34.7	5.00	1.35	65.4	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.233	0.050	0.009	1.31	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	1.92	0.500	0.134	5.82	1.52	0.406	
75-09-2	Methylene chloride	ND	0.500	0.110	ND	1.74	0.382	U
76-13-1	Freon-113	0.092	0.050	0.008	0.705	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036	U
75-34-3	1,1-Dichloroethane	0.013	0.020	0.009	0.053	0.081	0.035	J
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	1.48	0.500	0.132	4.36	1.47	0.389	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.151	0.020	0.007	0.737	0.098	0.035	J
107-06-2	1,2-Dichloroethane	0.024	0.020	0.008	0.097	0.081	0.034	
110-54-3	n-Hexane	1.16	0.200	0.047	4.09	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	18.8	0.020	0.006	103	0.109	0.032	
71-43-2	Benzene	0.146	0.100	0.030	0.466	0.319	0.095	
56-23-5	Carbon tetrachloride	0.081	0.020	0.011	0.510	0.126	0.069	
110-82-7	Cyclohexane	1.04	0.200	0.031	3.58	0.688	0.108	
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-01	Date Collected	: 03/09/26 16:20
Client ID	: SS-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 09:35
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755147_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-02	Date Collected	: 03/09/26 16:20
Client ID	: IA-4	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 04:30
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755139_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-03	Date Collected	: 03/09/26 16:20
Client ID	: SS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:13
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755148_EV2	Instrument ID	: AIRLAB17
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	0.498	0.200	0.050	2.46	0.989	0.247	
74-87-3	Chloromethane	0.307	0.200	0.076	0.634	0.413	0.156	J
76-14-2	Freon-114	0.018	0.050	0.006	0.126	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	0.012	0.020	0.009	0.047	0.078	0.037	J
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	30.0	5.00	1.35	56.5	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.224	0.050	0.009	1.26	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	1.20	0.500	0.134	3.64	1.52	0.406	
75-09-2	Methylene chloride	0.143	0.500	0.110	0.497	1.74	0.382	J
76-13-1	Freon-113	0.083	0.050	0.008	0.636	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.042	0.020	0.009	0.167	0.079	0.036	
75-34-3	1,1-Dichloroethane	0.042	0.020	0.009	0.170	0.081	0.035	J
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	1.11	0.500	0.132	3.27	1.47	0.389	
156-59-2	cis-1,2-Dichloroethene	0.014	0.020	0.010	0.056	0.079	0.040	J
67-66-3	Chloroform	0.049	0.020	0.007	0.239	0.098	0.035	J
107-06-2	1,2-Dichloroethane	0.023	0.020	0.008	0.093	0.081	0.034	
110-54-3	n-Hexane	2.15	0.200	0.047	7.58	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	12.4	0.020	0.006	67.7	0.109	0.032	
71-43-2	Benzene	0.138	0.100	0.030	0.441	0.319	0.095	
56-23-5	Carbon tetrachloride	0.076	0.020	0.011	0.478	0.126	0.069	
110-82-7	Cyclohexane	0.685	0.200	0.031	2.36	0.688	0.108	
78-87-5	1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038	U
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-03	Date Collected	: 03/09/26 16:20
Client ID	: SS-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 10:13
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755148_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-04	Date Collected	: 03/09/26 16:20
Client ID	: IA-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:08
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755140_EV2	Instrument ID	: AIRLAB17
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	0.674	0.200	0.050	3.33	0.989	0.247	
74-87-3	Chloromethane	0.539	0.200	0.076	1.11	0.413	0.156	
76-14-2	Freon-114	0.019	0.050	0.006	0.133	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	0.011	0.020	0.009	0.043	0.078	0.037	J
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	23.8	5.00	1.35	44.8	9.42	2.54	
75-69-4	Trichlorofluoromethane	0.238	0.050	0.009	1.34	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.176	0.500	0.110	0.611	1.74	0.382	J
76-13-1	Freon-113	0.082	0.050	0.008	0.628	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.011	0.020	0.009	0.044	0.079	0.036	J
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.228	0.500	0.132	0.672	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.025	0.020	0.007	0.122	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.032	0.020	0.008	0.130	0.081	0.034	
110-54-3	n-Hexane	0.886	0.200	0.047	3.12	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
71-43-2	Benzene	0.093	0.100	0.030	0.297	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.073	0.020	0.011	0.459	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.023	0.020	0.008	0.106	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-04	Date Collected	: 03/09/26 16:20
Client ID	: IA-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:08
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755140_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	0.037	ND	0.934	0.173	U
142-82-5	Heptane	ND	0.200	0.031	ND	0.820	0.128	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052	U
79-00-5	1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053	U
108-88-3	Toluene	0.116	0.100	0.017	0.437	0.377	0.063	
124-48-1	Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068	U
106-93-4	1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070	U
127-18-4	Tetrachloroethene	0.020	0.020	0.007	0.136	0.136	0.050	J
108-90-7	Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119	U
100-41-4	Ethylbenzene	0.017	0.020	0.009	0.074	0.087	0.037	J
179601-23-1	p/m-Xylene	0.060	0.040	0.018	0.261	0.174	0.078	
75-25-2	Bromoform	ND	0.020	0.011	ND	0.207	0.115	U
100-42-5	Styrene	0.017	0.020	0.008	0.072	0.085	0.034	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046	U
95-47-6	o-Xylene	0.031	0.020	0.009	0.135	0.087	0.038	J
108-67-8	1,3,5-Trimethylbenzene	0.017	0.020	0.010	0.084	0.098	0.047	J
95-63-6	1,2,4-Trimethylbenzene	0.046	0.020	0.008	0.226	0.098	0.037	
100-44-7	Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172	U
541-73-1	1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046	U
106-46-7	1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045	U
95-50-1	1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-04	Date Collected	: 03/09/26 16:20
Client ID	: IA-DUP	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 05:08
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755140_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-07D	Date Collected	: 03/09/26 16:25
Client ID	: SS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/29/26 23:16
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 2.5
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1560056_EV2	Instrument ID	: AIRLAB15
Sample Amount	: 100 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
123-91-1	1,4-Dioxane	ND	0.250	0.086	ND	0.901	0.310	U
79-01-6	Trichloroethene	ND	0.050	0.015	ND	0.269	0.081	U
540-84-1	2,2,4-Trimethylpentane	ND	0.500	0.093	ND	2.34	0.432	U
142-82-5	Heptane	4.44	0.500	0.078	18.2	2.05	0.320	
10061-01-5	cis-1,3-Dichloropropene	ND	0.050	0.030	ND	0.227	0.134	U J
108-10-1	4-Methyl-2-pentanone	ND	1.25	0.478	ND	5.12	1.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.050	0.029	ND	0.227	0.131	U J
79-00-5	1,1,2-Trichloroethane	ND	0.050	0.024	ND	0.273	0.132	U
108-88-3	Toluene	3.24	0.250	0.042	12.2	0.942	0.156	
124-48-1	Dibromochloromethane	ND	0.050	0.020	ND	0.426	0.170	U
106-93-4	1,2-Dibromoethane	ND	0.050	0.023	ND	0.384	0.175	U
127-18-4	Tetrachloroethene	0.112	0.050	0.019	0.759	0.339	0.125	
108-90-7	Chlorobenzene	ND	0.250	0.065	ND	1.15	0.297	U
100-41-4	Ethylbenzene	0.370	0.050	0.021	1.61	0.217	0.092	
179601-23-1	p/m-Xylene	1.32	0.100	0.045	5.73	0.434	0.195	
75-25-2	Bromoform	ND	0.050	0.028	ND	0.517	0.287	U
100-42-5	Styrene	0.142	0.050	0.020	0.605	0.213	0.084	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.050	0.017	ND	0.343	0.115	U
95-47-6	o-Xylene	0.425	0.050	0.022	1.85	0.217	0.095	
108-67-8	1,3,5-Trimethylbenzene	0.118	0.050	0.024	0.580	0.246	0.118	
95-63-6	1,2,4-Trimethylbenzene	0.458	0.050	0.019	2.25	0.246	0.093	
100-44-7	Benzyl chloride	ND	0.250	0.083	ND	1.29	0.430	U
541-73-1	1,3-Dichlorobenzene	ND	0.050	0.019	ND	0.301	0.115	U
106-46-7	1,4-Dichlorobenzene	ND	0.050	0.019	ND	0.301	0.113	U
95-50-1	1,2-Dichlorobenzene	ND	0.050	0.016	ND	0.301	0.093	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.125	0.037	ND	0.928	0.271	U J

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-08	Date Collected	: 03/09/26 16:25
Client ID	: IA-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 06:25
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755142_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-09	Date Collected	: 03/09/26 16:30
Client ID	: SS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 12:03
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755151_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	0.065	0.050	0.021	0.341	0.262	0.110	J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-10	Date Collected	: 03/09/26 16:45
Client ID	: IA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 07:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755144_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-11	Date Collected	: 03/09/26 16:27
Client ID	: CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 23:18
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R269477	Instrument ID	: AIRLAB26
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	0.548	0.200	0.050	2.71	0.989	0.247	
74-87-3	Chloromethane	0.307	0.200	0.076	0.634	0.413	0.156	
76-14-2	Freon-114	0.015	0.050	0.006	0.105	0.349	0.045	J
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
74-83-9	Bromomethane	ND	0.020	0.009	ND	0.078	0.037	U
75-00-3	Chloroethane	ND	0.100	0.040	ND	0.264	0.104	U
64-17-5	Ethanol	6.30	5.00	1.35	11.9	9.42	2.54	J
75-69-4	Trichlorofluoromethane	0.203	0.050	0.009	1.14	0.281	0.052	
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
75-65-0	Tert-Butyl Alcohol	ND	0.500	0.134	ND	1.52	0.406	U
75-09-2	Methylene chloride	0.112	0.500	0.110	0.389	1.74	0.382	J
76-13-1	Freon-113	0.066	0.050	0.008	0.506	0.383	0.064	
156-60-5	trans-1,2-Dichloroethene	0.010	0.020	0.009	0.040	0.079	0.036	J
75-34-3	1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094	U
78-93-3	2-Butanone	0.156	0.500	0.132	0.460	1.47	0.389	J
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
67-66-3	Chloroform	0.020	0.020	0.007	0.098	0.098	0.035	
107-06-2	1,2-Dichloroethane	0.018	0.020	0.008	0.073	0.081	0.034	J
110-54-3	n-Hexane	0.246	0.200	0.047	0.867	0.705	0.166	J
71-55-6	1,1,1-Trichloroethane	0.021	0.020	0.006	0.115	0.109	0.032	
71-43-2	Benzene	0.058	0.100	0.030	0.185	0.319	0.095	J
56-23-5	Carbon tetrachloride	0.072	0.020	0.011	0.453	0.126	0.069	
110-82-7	Cyclohexane	ND	0.200	0.031	ND	0.688	0.108	U
78-87-5	1,2-Dichloropropane	0.021	0.020	0.008	0.097	0.092	0.038	
75-27-4	Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-13	Date Collected	: 03/09/26 16:27
Client ID	: IA-CS-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755145_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-15	Date Collected	: 03/09/26 16:30
Client ID	: IA-CS-2	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 08:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755146_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: NYDEC_Labella Associates	Lab Number	: L2612589
Project Name	: TIFFT NATURE PRESERVE	Project Number	: CO 153307/S 2503891
Lab ID	: L2612589-16	Date Collected	: 03/09/26 16:35
Client ID	: OA-1	Date Received	: 03/10/26
Sample Location	: 1200 FURHMANN BLVD., BUFFALO, NY	Date Analyzed	: 03/28/26 03:52
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: SL
Lab File ID	: R1755138_EV2	Instrument ID	: AIRLAB17
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
91-20-3	Naphthalene	ND	0.050	0.021	ND	0.262	0.110	U J
87-68-3	Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117	U

ATTACHMENT 4

NYSDOH Indoor Air Quality Questionnaire and Building Inventory

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 Abigail Beres Date/Time Prepared 3/9/26

Preparer's Affiliation Consultant Phone No. 716 255 4777

Purpose of Investigation DEC Contract #153297

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

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

If the property is residential, type? (Circle appropriate response) N/A

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) Educational Center

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? \

Other characteristics:

Number of floors 1 Building age N/A

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

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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 _____	→ see Figure
c. Basement floor:	concrete	dirt	stone	other _____	crawlspace = dirt; slab = concrete
d. Basement floor:	uncovered	covered	covered with _____		
e. Concrete floor:	unsealed	sealed	sealed with wood laminate flooring		
f. Foundation walls: N/A	poured	block	stone	other _____	
g. Foundation walls: N/A	unsealed	sealed	sealed with _____		
h. The basement is: N/A	wet	damp	dry	moldy	
i. The basement is: N/A	finished	unfinished	partially finished		
j. Sump present?	Y / N				
k. Water in sump?	Y / N / not applicable				

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

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

crawlspace, open joints in wooden floor of crawlspace.

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

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

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

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas

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

Are there air distribution ducts present? Y / N

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

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally (only days, Tuesday-Sunday) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	–
1st Floor	Educational center/offices
2nd Floor	–
3rd Floor	–
4th Floor	–

8. FACTORS THAT MAY influence INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

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

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

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

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

f. Is there a workshop or hobby/craft area? Y / N Where & Type? East/West area classrooms

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

h. Have cleaning products been used recently? Y / N When & Type? General, whole building

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

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? Bathrooms

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 pesticide/herbicide application. ↳ not stored in edu. center
(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: _____

Sewage Disposal: Public Sewer | Septic Tank | Leach Field | Dry Well | Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

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

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

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: N/A

First Floor: see Figure

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.

see figure

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

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

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
storage	floor cleaner	\	U/UO	\	\	Y
classroom	hand sanitizer	\	U/UO	\	\	Y
storage	disinfectant	\	U/UO	\	\	Y
storage	cleaner spray	\	U/UO	\	\	Y

class / room

* 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.